What's New

Saba Cloud | Update 36 | Nov 2016

Notice

Limitations on Warranties and Liability

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Contents

Change log

The below table summarizes the list of changes introduced in a particular version of this document.

Table 1: Summary of changes

Version	Date	Change description	Functional area	Feature
1.0	28-Oct-2016	Initial version	N/A	N/A

New features at a glance by functional area

The below table summarizes the list of features introduced in the release and their potential impact on your environment.

Note: * **Enabled by default** does not necessary imply that the feature is immediately available to your users; it may require a user with an appropriate administrator role to turn on applicable functionality, business rules, etc.

NEW indicates a new feature introduced in this update, others are enhancements/changes to the existing functionality.

Table 2: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
REST APIs	API to retrieve completion detail of the learning event	Y				Developer
	APIs to retrieve, create and manage resources on the Saba Activity Stream NEW	Y				Developer
	APIs to retrieve or update details of job requisitions	Y				Developer
	API to retrieve public/private attachments NEW	Y				Developer
	APIs to retrieve social interactions of a user NEW	Y				Developer
	APIs to create, update and delete Smartlists NEW	Y				Developer
	Certification and Curriculum APIs to return additional details	Y				Developer
	Enrollment search APIs to support created_on field	Y				Developer
	Held learning APIs to return additional details	Y				Developer
	APIs to create, update and find Sub audience types NEW	Y				Developer

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	APIs to retrieve, create, update and delete countries and states NEW	Y				Developer
	APIs to retrieve details of the recurring course completions	Y				Developer
	API to retrieve existing registration details or auto enroll user and get registration details	Y				Developer
	Get completion and lesson details of the learning event	Y				Developer
	API to retrieve the Audience Type / Audience Sub Types assigned to a Person	Y				Developer
	New attribute added for the CREATE A NEW JOB REQUISITION API	Y				Developer
	User-friendly IDs and lookup support for REST APIs	Y				Developer
	New attribute added for the CREATE A NEW VIRTUAL CLASS API	Y				Developer
	API to report the content result back to Saba	Y				Developer
	New attribute added for the Subscription APIs	Y				Developer
System	Configure Labels supports additional labels and all locales	Y				System admin
	Control visibility of navigation links using menu visibility privileges NEW	Y	System admin			System admin Social admin People admin Recruiting admin

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Legacy attributes deprecated	Y				System admin End user Developer
	Privilege to change own manager		System admin			End user
	Organization Manager		System admin			Manager HR admin
	Record-level selective deletion of associations using data import		System admin			System admin
	Merge person profiles in bulk through data import NEW	Y	System admin			System admin
	Dynamically update currency for blended classes through data import	Y	System admin			Learning admin
	Associate multiple currency prices for course and class through data import	Y	System admin			Learning admin
	Advanced data import configuration in Integration Studio NEW	Y	System admin			System admin
	Auditing support for data import job configuration NEW	Y				System admin
	Skip omitted columns from data import file		System admin			End user
	New Organization Administrator association in data import	Y	System admin			HR admin
	New column in Person data import	Y				System admin
	Prompt to save member selection details when using existing criteria	Y				People admin

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Assign job role to person via prescriptive rule	Y				People admin
	Support for additional locales			Y		All System admin
	Locale support for notification keywords	Y				System admin
	Enhancement to mobile brand~ ing configuration in microsites	Y				System admin
	Protect your account with two factor authentication NEW					System admin All
Analytics	Add exceptions to reports NEW			Y		Analytics admin Analytics user
	New Attributes NEW	Y				Analytics admin Analytics user
	Updated Attributes	Y				Analytics admin Analytics user
	New Reports NEW	Y				Analytics admin Analytics user
	New operator (Logged-in Per~ son's Organization)	Y				Analytics admin Analytics user
	Embed an Analytics Dash~ board, Report or Chart in an external portal NEW	Y				Analytics admin Analytics user
	Support Data Is Protected indi~ vidually for Person and Organ~ ization fix custom dimensions	Y				Analytics admin Analytics user
	Line charts to now support sorting on dimension attributes	Y				Analytics admin Analytics user

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Learning	Search enhancements for tests, surveys and questions	Y				Learning admin
	Add video content to courses using course wizard	Y	System admin			Learning admin
	Handle deletion of Saba Meeting event in a class session	Y				Learning admin
	Edit Is Sensitive field while updating a course	Y				Learning admin
	One click registration for external users	Y	System admin			End user
	Control the display of custom course fields during bulk registration	Y	Learning admin			End user
	New named queries for learning activities	Y	System admin			End user
	Create audience type/sub-type on-the-fly for certifications and curricula NEW		System admin			Learning admin
	Hide unsuccessful completions from learner's transcript NEW	Y	System admin			End user
	Display for Learner, Display for Call Center, and Self-registration options for certifications and curricula NEW		System admin			End user Registrar
	Remove discontinued courses from learner's plan NEW		Learning admin			End user Manager
	Enhanced View Classes popup page	Y				End user
	Increased default max count for VLE providers	Y		Y		End user

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Registrars and managers can enroll learners to certifications and curricula	Y				Registrar Manager
	Track number of attempts for unlimited attempts on content	Y				Learning admin
	Import Panopto videos as SCORM content		System admin			Learning admin
	Deployed SCORM content support for mobile	Y	Learning admin			Learning admin
E-commerce	Bulk import of states within country	Y				System admin
	Add private video channel or group to subscription NEW		System admin	Y		System admin Learning admin End user
	Currency conversion for class price is dynamic		System admin			System admin Learning admin
	Country and State fields shown as LOV in organization details	Y	System admin			System admin HR admin
	Expand Tax API	Y	System admin			System admin
	Invoice Me enhancements		System admin			System admin Registrar
	Make payments to course owner's organization NEW		System admin			System admin Catalog admin End user
	New notification for pay later functionality		System admin			End user Registrar

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Social	Organizational Chart available under People tab	Y	System ad~ min			End user
	Control access to workspaces	Y	End user			End user
	Display images and videos in~ line in group and activity stream	Y				End user
	Learning Record Store for tracking social resource contri~ butions in Saba Cloud		System ad~ min			End user Learning admin
	Bookmarklet for tracking in~ formal learning resources out~ side of Saba Cloud		System ad~ min			End user Learning admin
Marketplace	Courses retired in lynda.com should not appear in Saba	Y				Marketplace Ad~ min End User
	Saba Approver can see applica~ tion details before approval	Y				Marketplace Ad~ min, Saba Ap~ prover
	Audit option is available for marketplace configuration changes	Y				Marketplace Ad~ min
	Partner admin can choose which view the microapp should be available in Saba home page/profile page	Y				Partner admin, Marketplace ad~ min
	Partners can publish Micro Apps to specific tenants	Y				Partner Admin, Marketplace Ad~ min
	Enhancement to the Partner Approval Flow	Y				Partner Ap~ prover, Market~ place Admin

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	API dashboard available for Micro Apps created in Extended Integration NEW	Y				Partner admin, Saba Approvers, Marketplace Admin
Compensation	Send notifications when compensation letter is published NEW	Y				Manager, Compensation Admin, Approver, HRBP
	Import and export plan cycle worksheets NEW	Y				Manager, Admin
	Freeze header row in manager's worksheet NEW	Y				Manager
	Delete Compensation Plan Cycles NEW	Y				Compensation Administrator
	Support for string translation in Compensation	Y				End User
	I18N support for Plan Cycle names and descriptions	Y				Compensation Admin
	Localization support for Library Fields NEW	Y				Compensation Admin, Manager, Employees
	Translation support for compensation categories NEW	Y				Compensation Admin
	Comment field added	Y				Manager, Approver
	Out of the Box notifications to display text	Y				Compensation Admin, Manager, Approver, Employee
	Allow compensation managers to access compensation data on profile page	Y				Manager
	Cancelled plan Cycle data to be removed from Analytics	Y				Compensation Admin

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Separate plan activation and analytics data synchronization	Y				Compensation Admin
	Synchronize Compensation data with Analytics Reporting	Y				Compensation Admin, Manager, Approver
	Create Custom Manager hier~ archy to distribute budget NEW	Y				Compensation Admin, Manager
Performance	New policy for review owners to release review NEW	Y	Perform~ ance admin			Performance ad~ min Manager
	Assign skill through PR without any goal	Y				People admin End user
	Add locale to Additional Info section of review form	Y	Perform~ ance admin			Performance ad~ min
	Filter skills by skill group NEW	Y				Manager End user
	Limit access to reviews for new managers NEW	Y	System ad~ min			System admin Manager
	Edit or delete goal progress comments	Y	System ad~ min			System admin Manager End user
	Export and import review cycle NEW	Y	Perform~ ance admin			Performance ad~ min
	Anniversary reviews update	Y	Perform~ ance admin			Performance ad~ min
Pulse 360	New question in Company cat~ egory for Pulse 360	Y	Pulse ad~ min			Pulse admin End user

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Pulse custom surveys NEW		System admin			Pulse admin End user
Recruiting	New setting to pull job description in requisition NEW	Y	Recruiting admin			Recruiting admin Manager
	Auto reject candidates with incomplete profile NEW		System admin			System admin Recruiting admin Hiring team
	Display custom and extended custom fields on candidate's profile	Y				Recruiting admin Recruiter Hiring manager
	Job requisition summary NEW	Y				Recruiter Hiring manager
	Multiple career sites NEW	Y	Recruiting admin			Recruiting admin Hiring manager
	New keywords in offer letter template	Y				Hiring manager Recruiter
	Notification triggered when new user signs up on career site	Y	System admin			System admin Candidate
	Smarter one click approval from email	Y				Approver
	Manage onboarding forms in HR admin flow	Y				Recruiting admin
	Reposition Terms and Conditions	Y				Candidate
	UI enhancements on the Hiring Team page	Y				Hiring manager Recruiter

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Talent	Display Career Planning section on Talent Profile irrespective of career paths	Y				Talent admin Manager End user
	Display talent attributes on hovering person in N-box view NEW	Y				Talent admin Manager
	Control display of experts in career planning NEW	Y	System admin			System admin End user
	Hover messages for potential rating and departure risk on Talent pool views	Y				Talent admin Manager
	Surface job details and attachments from Job details on Profile page and in Career Planning NEW	Y				HR admin End user
	Surface Actions menu on N-box view NEW	Y				Manager
	Export/print n-box view to Excel and PDF NEW	Y				Talent admin Manager

New features at a glance by audience

The below tables summarize the list of features introduced in the release and their potential impact on your environment.

Note: * **Enabled by default** does not necessary imply that the feature is immediately available to your users; it may require a user with an appropriate administrator role to turn on applicable functionality, business rules, etc.

NEW indicates a new feature introduced in this update, others are enhancements/changes to the existing functionality.

All

Table 3: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
System	Support for additional locales			Y		All System admin
	Protect your account with two factor authentication NEW					System admin All

Analytics Admin, Analytics User

Table 4: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Analytics	Add exceptions to reports NEW			Y		Analytics admin Analytics user

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	New Attributes NEW	Y				Analytics admin Analytics user
	Updated Attributes	Y				Analytics admin Analytics user
	New Reports NEW	Y				Analytics admin Analytics user
	New operator (Logged-in Per~ son's Organization)	Y				Analytics admin Analytics user
	Embed an Analytics Dash~ board, Report or Chart in an external portal NEW	Y				Analytics admin Analytics user
	Support Data Is Protected indi~ vidually for Person and Organ~ ization fix custom dimensions	Y				Analytics admin Analytics user
	Line charts to now support sorting on dimension attributes	Y				Analytics admin Analytics user

Approver

Table 5: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Compensa~ tion	Comment field added	Y				Manager, Ap~ prover

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Out of the Box notifications to display text	Y				Compensation Admin, Manager, Approver, Employee
	Synchronize Compensation data with Analytics Reporting	Y				Compensation Admin, Manager, Approver
Recruiting	Smarter one click approval from email	Y				Approver

Catalog Admin

Table 6: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
E-commerce	Make payments to course owner's organization NEW		System admin			System admin Catalog admin End user

Candidate

Table 7: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Recruiting	Notification triggered when new user signs up on career site	Y	System admin			System admin Candidate
	Reposition Terms and Conditions	Y				Candidate

Compensation Admin

Table 8: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Compensation	Send notifications when compensation letter is published NEW	Y				Manager, Compensation Admin, Approver, HRBP
	Delete Compensation Plan Cycles NEW	Y				Compensation Admin
	I18N support for Plan Cycle names and descriptions	Y				Compensation Admin
	Localization support for Library Fields NEW	Y				Compensation Admin, Manager, Employees
	Translation support for compensation categories NEW	Y				Compensation Admin

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Out of the Box notifications to display text	Y				Compensation Admin, Manager, Approver, Em~ ployee
	Cancelled plan Cycle data to be removed from Analytics	Y				Compensation Admin
	Separate plan activation and analytics data synchronization	Y				Compensation Admin
	Synchronize Compensation data with Analytics Reporting	Y				Compensation Admin, Manager, Approver
	Create Custom Manager hier~ archy to distribute budget NEW	Y				Compensation Admin, Manager

Developer

Table 9: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
REST APIs	API to retrieve completion de~ tail of the learning event	Y				Developer
	APIs to retrieve, create and manage resources on the Saba Activity Stream NEW	Y				Developer
	APIs to retrieve or update de~ tails of job requisitions	Y				Developer
	API to retrieve public/private attachments NEW	Y				Developer

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	APIs to retrieve social interac~ tions of a user NEW	Y				Developer
	APIs to create, update and de~ lete Smartlists NEW	Y				Developer
	Certification and Curriculum APIs to return additional details	Y				Developer
	Enrollment search APIs to sup~ port created_on field	Y				Developer
	Held learning APIs to return additional details	Y				Developer
	APIs to create, update and find Sub audience types NEW	Y				Developer
	APIs to retrieve, create, update and delete countries and states NEW	Y				Developer
	APIs to retrieve details of the recurring course completions	Y				Developer
	API to retrieve existing registra~ tion details or auto enroll user and get registration details	Y				Developer
	Get completion and lesson de~ tails of the learning event	Y				Developer
	API to retrieve the Audience Type / Audience Sub Types assigned to a Person	Y				Developer
	New attribute added for the CREATE A NEW JOB RE~ QUISITION API	Y				Developer
	User-friendly IDs and lookup support for REST APIs	Y				Developer
	New attribute added for the CREATE A NEW VIRTUAL CLASS API	Y				Developer

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	API to report the content result back to Saba	Y				Developer
	New attribute added for the Subscription APIs	Y				Developer

End User

Table 10: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
System	Privilege to change own manager		System admin			End user
	Skip omitted columns from data import file		System admin			End user
Learning	One click registration for external users	Y	System admin			End user
	Control the display of custom course fields during bulk registration	Y	Learning admin			End user
	New named queries for learning activities	Y	System admin			End user
	Hide unsuccessful completions from learner's transcript NEW	Y	System admin			End user
	Display for Learner, Display for Call Center, and Self-registration options for certifications and curricula NEW		System admin			End user Registrar

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Remove discontinued courses from learner's plan NEW		Learning admin			End user Manager
	Enhanced View Classes popup page	Y				End user
	Increased default max count for VLE providers	Y		Y		End user
E-commerce	Add private video channel or group to subscription NEW		System admin	Y		System admin Learning admin End user
	Make payments to course owner's organization NEW		System admin			System admin Catalog admin End user
	New notification for pay later functionality		System admin			End user Registrar
Social	Organizational Chart available under People tab	Y	System admin			End user
	Control access to workspaces	Y	End user			End user
	Display images and videos inline in group and activity stream	Y				End user
	Learning Record Store for tracking social resource contributions in Saba Cloud		System admin			End user Learning admin
	Bookmarklet for tracking informal learning resources outside of Saba Cloud		System admin			End user Learning admin
Compensation	Support for string translation in Compensation	Y				End User

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Marketplace	Courses retired in lynda.com should not appear in Saba on page 356Courses retired in lynda.com should not appear in Saba	Y				End User Marketplace Ad~ min
Performance	Assign skill through PR without any goal	Y				People admin End user
	Filter skills by skill group NEW	Y				Manager End user
	Edit or delete goal progress comments	Y	System ad~ min			System admin Manager End user
Pulse 360	New question in Company cat~ egory for Pulse 360	Y	Pulse ad~ min			Pulse admin End user
	Pulse custom surveys NEW		System ad~ min			Pulse admin End user
Talent	Display Career Planning sec~ tion on Talent Profile irrespect~ ive of career paths	Y				Talent admin Manager End user
	Control display of experts in career planning NEW	Y	System ad~ min			System admin End user
	Surface job details and attach~ ments from Job details on Pro~ file page and in Career Plan~ ning NEW	Y				HR admin End user

HR Admin & HRBP

Table 11: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
System	Organization Manager		System ad~ min			Manager HR admin
	New Organization Administrat~ or association in data import	Y	System ad~ min			HR admin
E-commerce	Country and State fields shown as LOV in organization details	Y	System ad~ min			System admin HR admin
Compensa~ tion	Send notifications when com~ pensation letter is published NEW	Y				Manager, Com~ pensation Admin, Approver, HRBP
Talent	Surface job details and attach~ ments from Job details on Pro~ file page and in Career Plan~ ning NEW	Y				HR admin End user

Hiring Team, Hiring Manager, Recruiter

Table 12: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Recruiting	Auto reject candidates with in~ complete profile NEW		System ad~ min			System admin Recruiting admin

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
						Hiring team
	Display custom and extended custom fields on candidate's profile	Y				Recruiting admin Recruiter Hiring manager
	Job requisition summary NEW	Y				Recruiter Hiring manager
	Multiple career sites NEW	Y	Recruiting admin			Recruiting admin Hiring manager
	New keywords in offer letter template	Y				Hiring manager Recruiter
	UI enhancements on the Hiring Team page	Y				Hiring manager Recruiter

Learning Admin

Table 13: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
System	Dynamically update currency for blended classes through data import	Y	System ad~ min			Learning admin
	Associate multiple currency prices for course and class through data import	Y	System ad~ min			Learning admin

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Learning	Search enhancements for tests, surveys and questions	Y				Learning admin
	Add video content to courses using course wizard	Y	System admin			Learning admin
	Handle deletion of Saba Meeting event in a class session	Y				Learning admin
	Edit Is Sensitive field while updating a course	Y				Learning admin
	New named queries for learning activities	Y	System admin			End user
	Create audience type/sub-type on-the-fly for certifications and curricula NEW		System admin			Learning admin
	Track number of attempts for unlimited attempts on content	Y				Learning admin
	Import Panopto videos as SCORM content		System admin			Learning admin
	Deployed SCORM content support for mobile	Y	Learning admin			Learning admin
E-commerce	Add private video channel or group to subscription NEW		System admin	Y		System admin Learning admin End user
	Currency conversion for class price is dynamic		System admin			System admin Learning admin
Social	Learning Record Store for tracking social resource contributions in Saba Cloud		System admin			End user Learning admin
	Bookmarklet for tracking informal learning resources outside of Saba Cloud		System admin			End user Learning admin

Marketplace admin

Table 14: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Marketplace	Courses retired in lynda.com should not appear in Saba	Y				Marketplace Admin
	Saba Approver can see application details before approval	Y				Marketplace Admin, Saba Approver
	Audit option is available for marketplace configuration changes	Y				Marketplace Admin
	Partner admin can choose which view the microapp should be available in Saba home page/profile page	Y				Partner admin, Marketplace admin
	Partners can publish Micro Apps to specific tenants	Y				Partner Admin, Marketplace admin
	Enhancement to the Partner Approval Flow	Y				Partner Approver, Marketplace admin
	API dashboard available for Micro Apps created in Extended Integration NEW	Y				Partner, Saba Approvers, Marketplace admin

Manager

Table 15: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
System	Organization Manager		System ad~ min			Manager HR admin
Learning	Remove discontinued courses from learner's plan NEW		Learning admin			End user Manager
	Registrars and managers can enroll learners to certifications and curricula	Y				Registrar Manager
Compensa~ tion	Send notifications when com~ pensation letter is published NEW	Y				Manager, Com~ pensation Admin, Approver, HRBP
	Import and export plan cycle worksheets NEW	Y				Manager, Admin
	Freeze header row in manager's worksheet NEW	Y				Manager
	Localization support for Lib~ rary Fields NEW	Y				Compensation Admin, Manager, Employees
	Comment field added	Y				Manager, Ap~ prover
	Out of the Box notifications to display text	Y				Compensation Admin, Manager, Approver, Em~ ployee
	Allow compensation managers to access compensation data on profile page	Y				Manager

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Synchronize Compensation data with Analytics Reporting	Y				Compensation Admin, Manager, Approver
	Create Custom Manager hier~ archy to distribute budget NEW	Y				Compensation Admin, Manager
Performance	New policy for review owners to release review NEW	Y	Perform~ ance admin			Performance ad~ min Manager
	Filter skills by skill group NEW	Y				Manager End user
	Limit access to reviews for new managers NEW	Y	System ad~ min			System admin Manager
	Edit or delete goal progress comments	Y	System ad~ min			System admin Manager End user
Talent	Display Career Planning sec~ tion on Talent Profile irrespect~ ive of career paths	Y				Talent admin Manager End user
	Display talent attributes on hovering person in N-box view NEW	Y				Talent admin Manager
	Hover messages for potential rating and departure risk on Talent pool views	Y				Talent admin Manager
	Surface Actions menu on N-box view NEW	Y				Manager
	Export/print n-box view to Ex~ cel and PDF NEW	Y				Talent admin Manager

Performance Admin

Table 16: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Performance	New policy for review owners to release review NEW	Y	Perform~ ance admin			Performance ad~ min Manager
	Add locale to Additional Info section of review form	Y	Perform~ ance admin			Performance ad~ min
	Export and import review cycle NEW	Y	Perform~ ance admin			Performance ad~ min
	Anniversary reviews update	Y	Perform~ ance admin			Performance ad~ min

Pulse Admin

Table 17: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Pulse 360	New question in Company cat~ egory for Pulse 360	Y	Pulse ad~ min			Pulse admin End user
	Pulse custom surveys NEW		System ad~ min			Pulse admin End user

People Admin

Table 18: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
System	Control visibility of navigation links using menu visibility privileges NEW	Y	System admin			System admin Social admin People admin Recruiting admin
	Prompt to save member selection details when using existing criteria	Y				People admin
	Assign job role to person via prescriptive rule	Y				People admin
Performance	Assign skill through PR without any goal	Y				People admin End user

Partner Admin

Table 19: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Marketplace	Partner admin can choose which view the microapp should be available in Saba home page/profile page	Y				Partner admin, Marketplace admin

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Partners can publish Micro Apps to specific tenants	Y				Partner admin, Marketplace Admin
	API dashboard available for Micro Apps created in Extended Integration NEW	Y				Partner admin, Saba Approvers, Marketplace Admin

Recruiting Admin

Table 20: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Recruiting	New setting to pull job description in requisition NEW	Y	Recruiting admin			Recruiting admin Manager
	Auto reject candidates with incomplete profile NEW		System admin			System admin Recruiting admin Hiring team
	Display custom and extended custom fields on candidate's profile	Y				Recruiting admin Recruiter Hiring manager
	Multiple career sites NEW	Y	Recruiting admin			Recruiting admin Hiring manager
	Manage onboarding forms in HR admin flow	Y				Recruiting admin

Registrar

Table 21: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Learning	Display for Learner, Display for Call Center, and Self-registration options for certifications and curricula NEW		System admin			End user Registrar
	Registrars and managers can enroll learners to certifications and curricula	Y				Registrar Manager
E-commerce	Invoice Me enhancements		System admin			System admin Registrar
	New notification for pay later functionality		System admin			End user Registrar

Saba Approver

Table 22: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Marketplace	Saba Approver can see application details before approval	Y				Marketplace Admin, Saba Approver
	API dashboard available for Micro Apps created in Extended Integration NEW	Y				Partner, Saba Approvers, Marketplace Admin

System Admin

Table 23: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
System	Configure Labels supports additional labels and all locales	Y				System admin
	Control visibility of navigation links using menu visibility privileges NEW	Y	System admin			System admin Social admin People admin Recruiting admin
	Legacy attributes deprecated	Y				System admin End user Developer
	Record-level selective deletion of associations using data import		System admin			System admin
	Merge person profiles in bulk through data import NEW	Y	System admin			System admin
	Advanced data import configuration in Integration Studio NEW	Y	System admin			System admin
	Auditing support for data import job configuration NEW	Y				System admin
	New column in Person data import	Y				System admin
	Support for additional locales			Y		All System admin
	Locale support for notification keywords	Y				System admin

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Enhancement to mobile brand~ ing configuration in microsites	Y				System admin
	Protect your account with two factor authentication NEW					System admin All
E-commerce	Bulk import of states within country	Y				System admin
	Add private video channel or group to subscription NEW		System ad~ min	Y		System admin Learning admin End user
	Currency conversion for class price is dynamic		System ad~ min			System admin Learning admin
	Country and State fields shown as LOV in organization details	Y	System ad~ min			System admin HR admin
	Expand Tax API	Y	System ad~ min			System admin
	Invoice Me enhancements		System ad~ min			System admin Registrar
	Make payments to course own~ er's organization NEW		System ad~ min			System admin Catalog admin End user
Performance	Limit access to reviews for new managersNEW	Y	System ad~ min			System admin Manager
	Edit or delete goal progress comments	Y	System ad~ min			System admin Manager End user
Recruiting	Auto reject candidates with in~ complete profile NEW		System ad~ min			System admin

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
						Recruiting admin Hiring team
	Notification triggered when new user signs up on career site	Y	System ad~ min			System admin Candidate
Talent	Control display of experts in career planning NEW	Y	System ad~ min			System admin End user

Talent admin

Table 24: Summary of features

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Talent	Display Career Planning sec~ tion on Talent Profile irrespect~ ive of career paths	Y				Talent admin Manager End user
	Display talent attributes on hovering person in N-box view NEW	Y				Talent admin Manager
	Hover messages for potential rating and departure risk on Talent pool views	Y				Talent admin Manager
	Export/print n-box view to Ex~ cel and PDF NEW	Y				Talent admin Manager

Chapter 1

System

Topics:

Core

Organization Manager

How did it work?

N/A

How does it work now?

This update introduces the new **Organizations I Manage** view under the **My Team** tab. This view enables designated users to view members belonging to organizations where they are the organization managers. Currently, organization managers can perform only learning-related actions on the members of their organization.

New Security Privilege and Security Role

Only users with the following new privilege on the **System** component can access the new organization manager view:

- **Can Access Organization Manager Role**

  By default, this privilege is granted only to the following roles:

  - Organization Manager Basic Privileges
  - Super User

Assigning and Removing an Organization Manager

HR administrators can designate a user as the Organization Manager for an organization. A user having home domain equivalent or parent hierarchy of the organization domain can be added as an Organization Manager for an organization. An internal user can be designated as the organization manager for an external organization and vice versa. While adding a user as an organization manager, the corresponding security role is automatically assigned to the user on the organization's domain.

To add organization managers to an organization, go to **ADMIN > HR > Manage Organizations > Internal or External** and click the **Add Organization Managers** link.

When removing an organization manager from an organization, Saba Cloud removes user as the organization manager for the particular organization. However, the **Organization Manager Basic Privileges** security role for the user is removed only if the user is not the organization manager for any other organization in same domain.

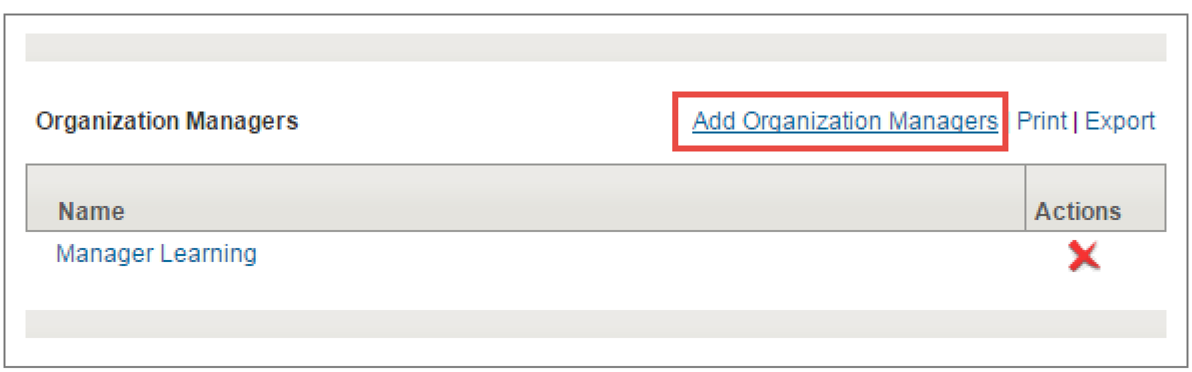


Figure 1: Add an Organization Manager to organization

Organizations I Manage View

A user can view the **My Team > Overview > Organization I manage** view only if the user is the organization manager for at least one organization. Only learning activities that are in Pending, Overdue, and Upcoming states are displayed for organization members.

If the logged in user himself is a member of an organization where he is the organization manager, then the manager is not visible to self in this view; however, he is visible to other organization managers for that organization.

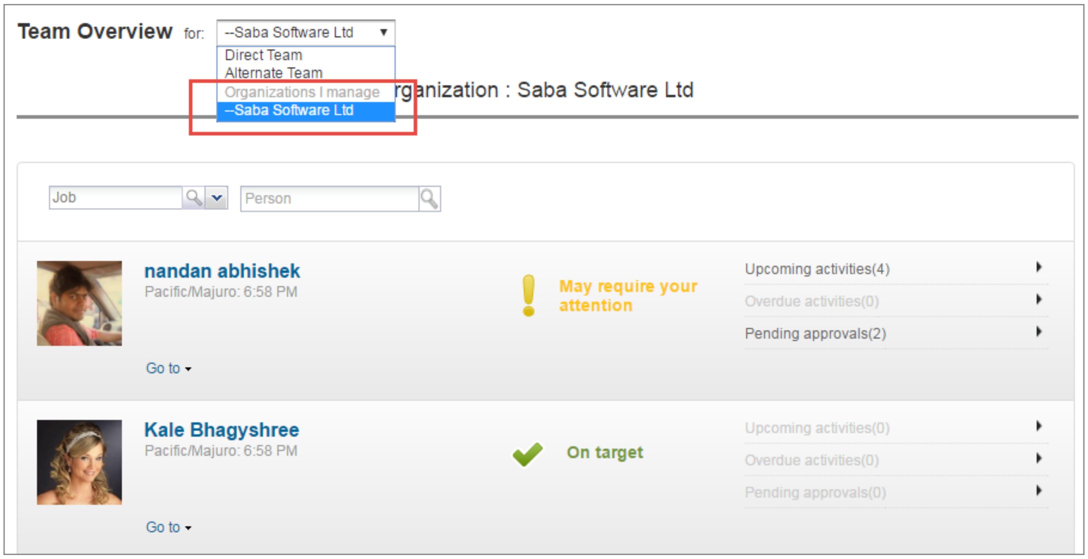


Figure 2: Organizations I Manage view under My Team

The following learning-related team actions are available to the organization manager:

- **Assign learning**
  - Add learning events to plan
  - Register for classes
  - Assign and enroll for certifications and curricula

  The organization manager can use these links to add up to 100 order items at a time.
- **Add completed course**

  The organization manager can add completed courses for up to 100 learners at a time.
- **Assign Checklist**

  The organization manager can assign checklists for up to 100 learners at a time.

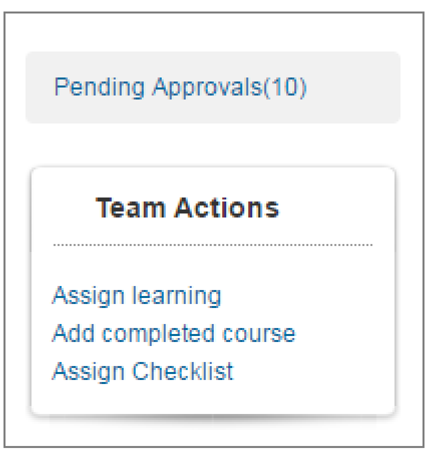


Figure 3: Team Actions

The following learning-related **Go to** actions are available to the organization manager:

- Plan
- Courses
- Curricula
- Certifications
- Order History
- Completed Learning
- Profile
- Continuing Education Credits

Note: The availability of certain actions are service driven.

Clicking on these links opens the organization member's plan page with the corresponding filter already applied.

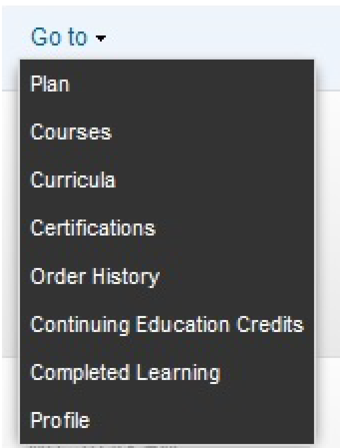


Figure 4: Go to Actions

Learner's Plan Page

The organization manager can view the following on a member's plan page:

- **Learning & Certifications** tab
- Evaluations; however, they cannot launch them.
- Links in the left pane:
  - **Plan**
  - **Profile**
  - **Completed Learning**
  - **Order History**
  - **Message**

Clicking the **Return to My Team** link takes the organization manager back to the **Organizations I Manage View** page for the organization that was selected.

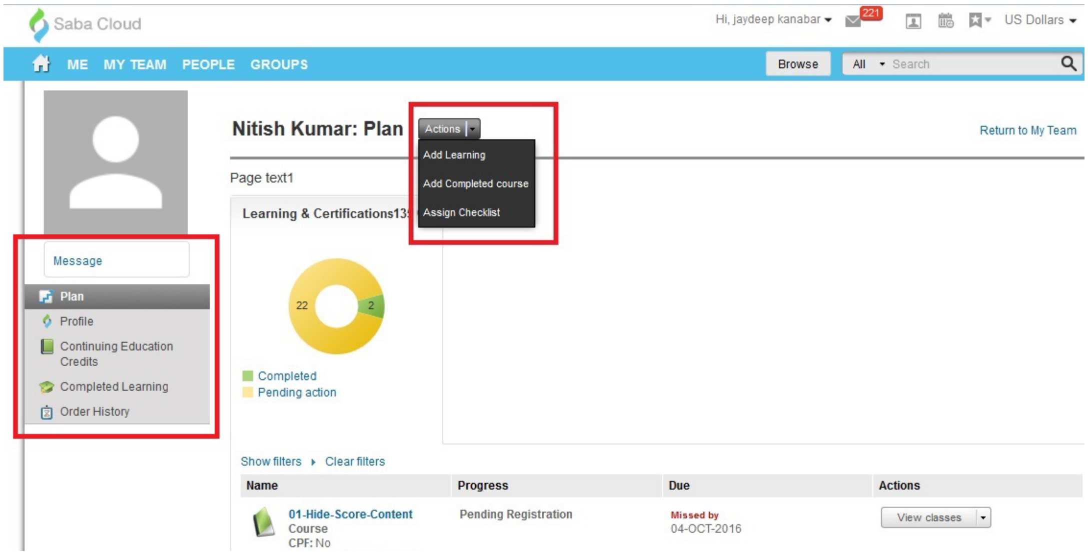


Figure 5: Organization member's plan page

Pending Approvals Page

The organization manager can view the following on the team's pending approval page:

- Learning registrations

  Displays pending requests for learning registrations of the organization members for the selected organization. Actions for learning requests are based on privileges. If the organization manager is an approver for the any of the learning requests pending approval, then they can see the Approve/Reject action.

- Externally completed courses

  Displays pending requests for externally completed course of the organization members for the selected organization. Organization managers can approve or reject an ad hoc completed course only if they have the "Can approve/reject completed courses for others" privilege.

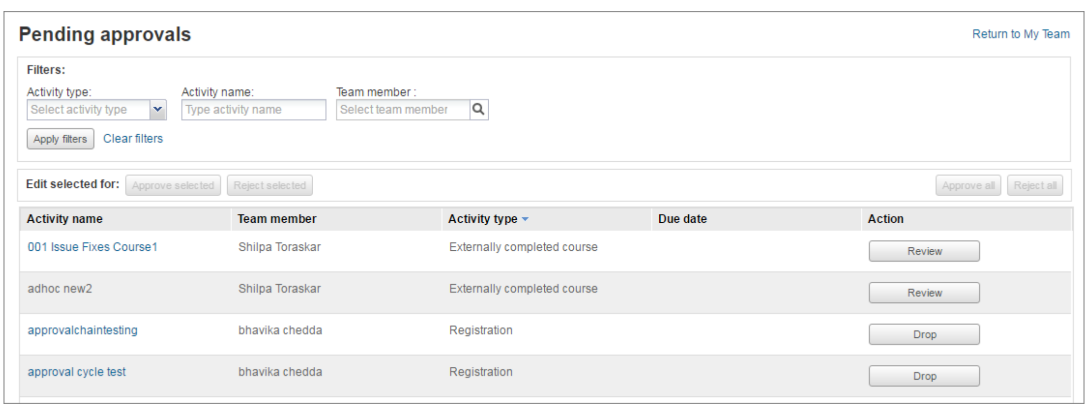


Figure 6: Organization member's plan page

Currently, the following Learning features are not available to the organization manager:

- To–Do List
- Learning Requests

Use case

Organizations need a way to manage training for a group of people who are not all managed by the same person. For example, this model is common in the retail franchise and necessary to meet their training requirement needs.

Configure Labels supports additional labels and all locales

How did it work?

The following labels were not supported by **System** > **Configure Labels** > **Master**:

- Launch
- Acquired On

Configure Labels > Master was earlier supported only for the following locales:

- Japanese
- French Canadian
- English (UK)

How does it work now?

With this update, you can now configure the following additional labels using **System** > **Configure Labels** > **Master**:

- Launch
- Acquired On

Also the **Configure Labels > Master** is now supported for all the locales.

Use case

This enhancement will help configure new strings for these additional labels.

Control visibility of navigation links using menu visibility privileges

How did it work?

The left navigation links accessible to each administrator for their respective areas were governed by privileges on the corresponding **MenuVisibility** component. For example, if **Can access > System > System Home** privilege was enabled on the **MenuVisibility-SystemAdmin** component for the system admin security role, then the **System Home** link appeared. The menu visibility privileges are available for all administrator roles in Saba Cloud.

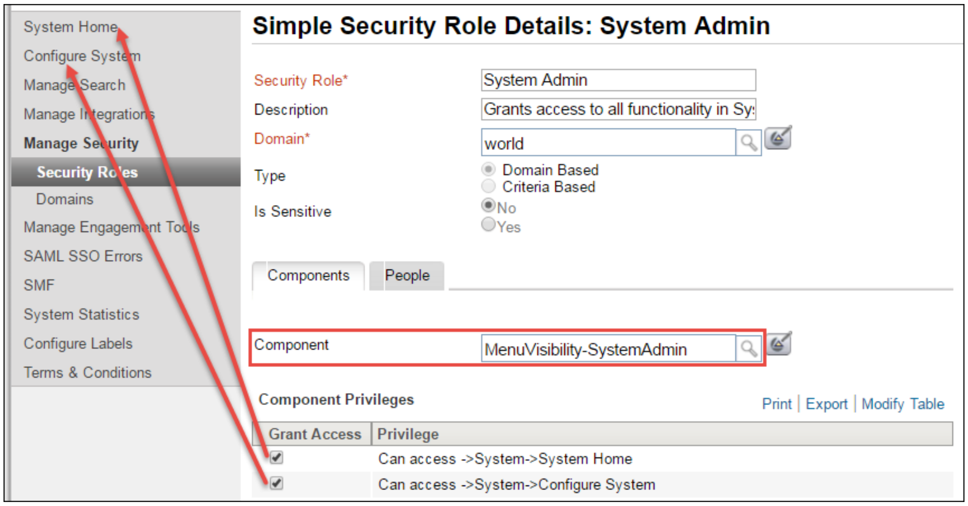


Figure 7: MenuVisibility component privileges

But, the links under the **Go to** dropdown list on the **Admin Home** page for each administrator area were not governed by these privileges. For example, if **Can access->System->Configure System** privilege was disabled on the **MenuVisibility-SystemAdmin** component for the system admin role, then the **Configure System** link did not appear in **Admin > System**. However, if the **Configure System** page was accessed through the **System Admin** portlet on the **Admin Home** page via **Go to** > **Configure System** link, then that link was visible and the page was accessible.

For Human Capital Admin security role

Additionally, for "Human Capital Admin" security role, the visibility of learning-related navigation links was controlled by the "Can Access HR Admin Links" privilege on the **System** component, and not by the privileges on the **MenuVisibility-PeopleAdmin** component.

How does it work now?

With this update, Saba Cloud now hides even the links under the **Go to** dropdown list through the **MenuVisibility** component privileges. For example, if **Can access > System > Configure System** privilege is disabled on the **MenuVisibility-SystemAdmin** component for a system admin, then the **Configure System** link does not appear in **Admin > System** and in **Go to** dropdown list.

This is applicable for the following areas:

Menu visibility changes for People Admin security role

The following links under **Admin Home** > **People Admin** portlet > **Go to** dropdown list are now governed by their corresponding privileges in **MenuVisibility-PeopleAdmin** component:

- Manage People
- Manage Signup Rules
- Rules Engine
- Message Center

Menu visibility changes for System Admin security role

The following links under **Admin Home** > **System Admin** portlet > **Go to** dropdown list are now governed by their corresponding privileges in **MenuVisibility-SystemAdmin** component:

- Configure System
- Manage Search
- Manage Integrations
- Manage Security
- Manage Engagement Tools

- System Statistics

Menu visibility changes for Social Admin security role

The following links under **Admin Home** > **Social Admin** portlet > **Go to** dropdown list are now governed by their corresponding privileges in **MenuVisibility-SocialAdmin** component:

- Manage Groups
- User-generated Content
- Featured Categories

Menu visibility changes for Recruiting Admin & Recruiter security role

The menu navigation links on the left hand side can now be hidden from the security roles. The following links under **Admin Home** > **Recruiting Admin** portlet > **Go to** dropdown list and recruiting-related left navigation menu links are now governed by their corresponding privileges in **MenuVisibility-RecruitingAdmin** component:

Table 25: Visibility of Recruiting admin links

Security Privilege	Left Navigation Menu Link	Go to Menu List	Visible to
Can access -> Recruiting ->Recruiting Home	Recruiting Home	Recruiting Home	• Recruiting admin • Recruiter
Can access - >Recruiting ->Manage Job Requisitions	Manage Job Requisitions	Manage Job Requisitions	• Recruiting admin • Recruiter
Can access - >Recruiting ->Manage Job Requisitions ->Job Requisitions	Job Requisitions	-	• Recruiting admin • Recruiter
Can access - >Recruiting ->Manage Job Requisitions ->Job Requisition Templates	Job Requisition Templates	-	• Recruiting admin • Recruiter
Can access - >Recruiting ->Manage Job Offers	Manage Job Offers	Manage Job Offers	Recruiting admin
Can access - >Recruiting ->Manage Job Offers - >Job Offer Templates	Job Offer Templates	-	Recruiting admin
Can access - >Recruiting ->Manage Job Offers - >Of~ fer Letter Templates	Offer Letter Templates	-	Recruiting admin
Can access - >Recruiting ->Manage Career Sites	Manage Career Sites	Manage Career Sites	Recruiting admin
Can access - >Recruiting ->Manage Career Sites ->Career Sites	Career Sites	-	Recruiting admin

Security Privilege	Left Navigation Menu Link	Go to Menu List	Visible to
Can access - >Recruiting - >Manage Assessments	Manage Assessments	Manage Assessments	Recruiting admin
Can access - >Recruiting - >Manage Assessments - >Manage Test and Survey	Manage Test and Survey	-	Recruiting admin
Can access - >Recruiting - >Test Question Pool	Test Question Pool	-	Recruiting admin
Can access - >Recruiting - >Manage Assessments - >Survey Question Pool	Survey Question Pool	-	Recruiting admin
Can access - >Recruiting - >Manage Assessments - >Manage Scales	Manage Scales	-	Recruiting admin
Can access - >Recruiting - >Manage Candidates	Manage Candidates	Manage Candidates	• Recruiting admin • Recruiter
Can access - >Recruiting - >Candidates	Candidates	-	• Recruiting admin • Recruiter
Can access - >Recruiting - >Candidates - >Manage Configurations	Manage Configurations	-	Recruiting admin
Can access - >Recruiting - >Manage Configurations - >Terms and Conditions	Terms and Conditions	-	Recruiting admin
Can access - >Recruiting - >Manage Configurations - >Job Application Form	Job Application Form	-	Recruiting admin
Can access - >Recruiting - >Manage Configurations - >Job Offer Configurations	Job Offer Configurations	-	Recruiting admin
Can access - >Recruiting - >Manage Configurations - >Job Requisition Configura~ tions	Job Requisition Configura~ tions	-	Recruiting admin
Can access - >Recruiting - >Manage I-9 Verifications	Manage I-9 Verifications	Manage I-9 Verifications	• Recruiting admin • Recruiter

Security Privilege	Left Navigation Menu Link	Go to Menu List	Visible to
			Note: Ensure that **Can Access I-9 Verification Links** privilege at System component is en~ abled.

Note: If a user does not have privilege to view any of the child menus, then the parent menu is also hidden. For example, Can access - >Recruiting - >Manage Job Requisitions privilege is enabled, but Can access - >Recruiting - >Manage Job Requisitions - >Job Requisitions privilege is disabled, then on the Recruiting Home page, both the links will be hidden from the user.

Figure 8: Left navigation links for Recruiting admin & Recruiter

Figure 9: Recruiting Admin portlet > Go to links

Menu visibility changes for Human Capital Admin security role

With this update, the following privileges in **MenuVisibility-PeopleAdmin** component control the visibility of the learning-related left navigation menu links as well as **Profile Quicklinks** section under **Edit Profile Information** and **Licenses and Certifications** tab under **Full Profile**. Their visibility is no more controlled by the "Can Access HR Admin Links" privilege on the **System** component,

Table 26: Visibility of People admin links

Security Privilege	Left Navigation Menu Link
Can access People > Manage People > Enrollments	**Enrollments**
Can access People > Manage People > Completed Courses	**Completed Courses**
Can access People > Manage People > Certifications	**Certifications**
Can access People > Manage People > Curricula	**Curricula**
Can access People > Manage People > Recurring Courses	**Recurring Courses**
Can access People > Manage People > Continuing Education	**Continuing Education**

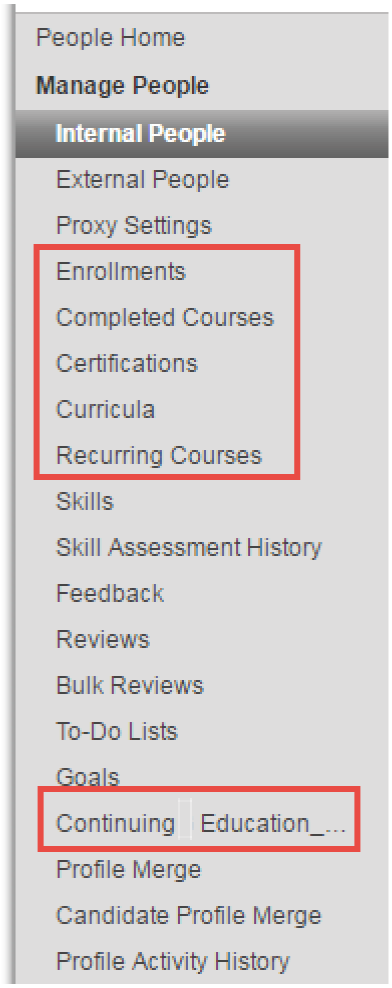


Figure 10: Left navigation links for People admin

Use case

The display of all navigation menus and links for administrators can now be consistently governed by the MenuVisibility component privileges for the respective security roles.

Legacy attributes deprecated

How did it work?

The following were legacy attributes under the **External Work History** and **Internal Work History** components:

- External Work History > **KEY ACCOMPLISHMENTS**
- Internal Work History > **ADDITIONAL RESPONSIBILITIES**

How does it work now?

The following legacy attributes under the **External Work History** and **Internal Work History** components are now **deprecated**:

- External Work History > **KEY ACCOMPLISHMENTS**
- Internal Work History > **ADDITIONAL RESPONSIBILITIES**

These attributes will no longer be available on the UI or in the component details page.

Use case

N/A

Privilege to change own manager

How did it work?

Saba Cloud did not permit users to modify their manager from their Profile page.

How does it work now?

With this update, Saba Cloud provides the ability for users to modify their own managers by introducing the following privilege on **Person, Internal** and **Person, External** components:

- **Can Assign-Remove Manager to Self**

  If this privilege is enabled, then users having this privilege can edit their own managers from their **Profile** page. Such users can search only users whose "Manager Access" is enabled.

By default, this privilege is disabled.

If you want to enable this privilege for certain users, then note that it can allow a user to change their reporting to higher or lateral managers. Thereby, the administrator must take precaution while enabling this privilege for users.

Saba Cloud supports Silent Auditing for this feature, so administrators can track users who made the updates.

Use case

To execute their business processes, certain organizations require their employees to have the ability to update their own managers.

Support for additional locales

How did it work?

The following locales were not supported:

- Bahasa Indonesia (Indonesia) - in_ID
- Lithuanian (Lithuania) - lt_LT
- Estonian (Estonia) - et_EE
- Hindi (India) - hi_IN
- Cambodia (KH) - km_KH
- Latvian (Latvia) - lv_LV
- Romanian (Romania) - ro_RO

How does it work now?

Saba Cloud now supports the following additional locales.

- Bahasa Indonesia (Indonesia) - in_ID
- Lithuanian (Lithuania) - lt_LT
- Estonian (Estonia) - et_EE
- Hindi (India) - hi_IN
- Cambodia (KH) - km_KH
- Latvian (Latvia) - lv_LV

- Romanian (Romania) - ro_RO

Note: These locales are not enabled by default. To enable a locale, submit a support request. For assistance, contact Saba Support.

Use case

The users can now login to Saba Cloud using these additional locales.

Locale support for notification keywords

How did it work?

Saba Cloud did not display notification keywords in the logged-in user's locale. Irrespective of the locale, the keywords were displayed in English.

How does it work now?

With this update, Saba Cloud displays notification keywords and their categories in the logged in user's locale.

The keywords are displayed as follows in the dropdown:

```
<Localized_category_name : Localized_Keyword_name | @Group_Keyword@>
```

The notification category names are translated in the dropdown list only.

Other keyword-related functions are not affected by this change. They work as before.

Use case

Administrators who configure notifications in Saba Cloud need to view keywords in the locale they are logged in to so that they can accurately define the notification.

Enhancement to mobile branding configuration in microsites

How did it work?

While configuring the branding of a microsite, system administrators could upload the mobile assets ZIP file. When they selected the ZIP file, it took some time to upload the file but the waiting indicator was not clearly visible and so the administrators would immediately click the **Validate** button before the upload was actually complete. Resultantly, Saba Cloud would validate the old ZIP file and displayed the error accordingly.

How does it work now?

With this update, Saba Cloud enhances the usability of the mobile branding configuration in microsites as follows:

- Removes the **Validate** button.
- When the ZIP file is selected, Saba Cloud validates it first and then uploads it based on the validation.
- If file validation fails, then Saba Cloud displays an error message, does not upload the file, and does not apply the file as the mobile theme.
- If file validation is successful, then Saba Cloud uploads the file and applies the file as the mobile theme.

Use case

There is a need to enhance the usability of the option to upload mobile assets while configuring branding for a microsite.

Protect your account with two factor authentication

How did it work?

Saba Cloud did not support Two factor authentication.

How does it work now?

With this update, Saba Cloud supports Two factor authentication. Two factor authentication is an extra layer of security designed to ensure that you're the only person who can access your account, even if someone knows your password. Each time you sign in to your Saba Account, you'll need your password and a Security Code that is sent to your email address.

Note: By default, the Two factor authentication functionality is disabled. To enable this functionality, please submit a Support request. For assistance, contact Saba support.

System admin: Enabling the Two factor authentication service

The system admin can enable the **Two factor authentication** service under **System > Configure System > Services**.

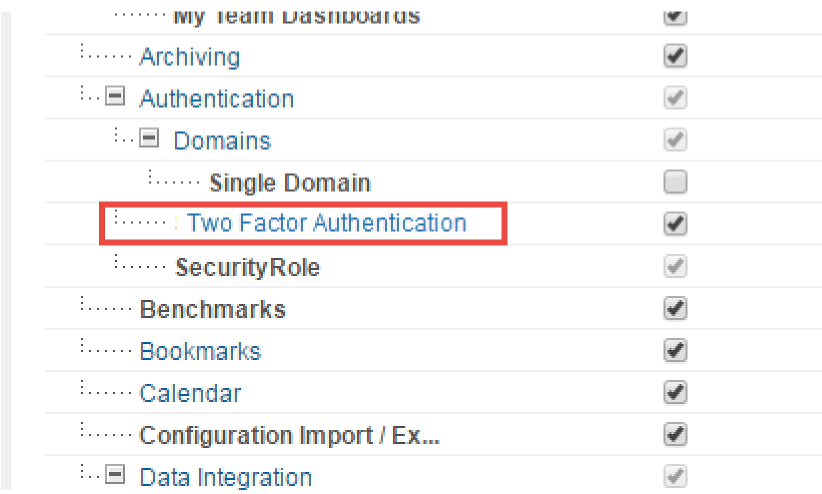
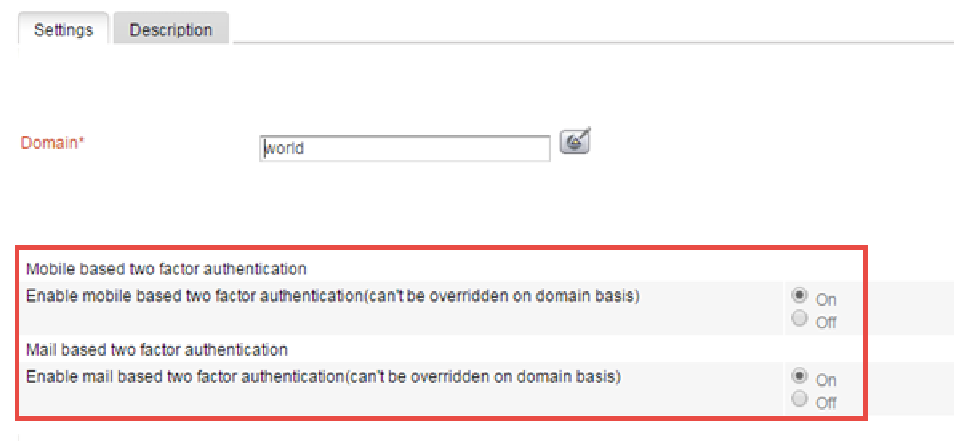


Figure 11: Two factor authentication service

The service provides the following settings:

- Mobile based two factor authentication: This requires you to install the mobile app called Google Authenticator. This app generates 2-Step Verification codes on your phone.
- Mail based two factor authentication: This will send the code to your email ID that is registered with Saba.

  Note: The user needs to have view privilege on the user's own email ID, if mail based two factor authentication is enabled.



Note: This service is not Domain aware.

Figure 12: Settings under Two factor authentication service

People admin: Enabling the Two factor authentication for the required users

After the system admin enables the service, the people admin (or the system admin) needs to enable the Two Factor Authentication for the required users by editing the user's profile or using RDI.

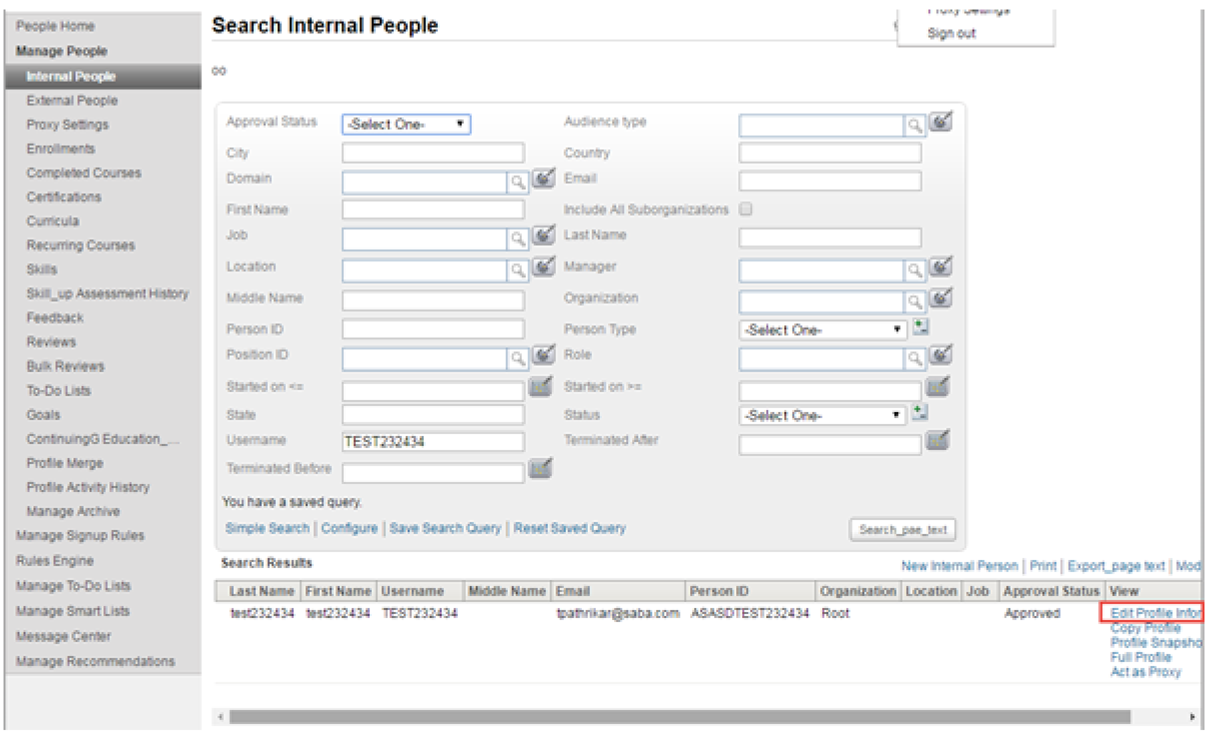


Figure 13: Editing the user's profile

Enable the Two Factor Authentication for the required user.

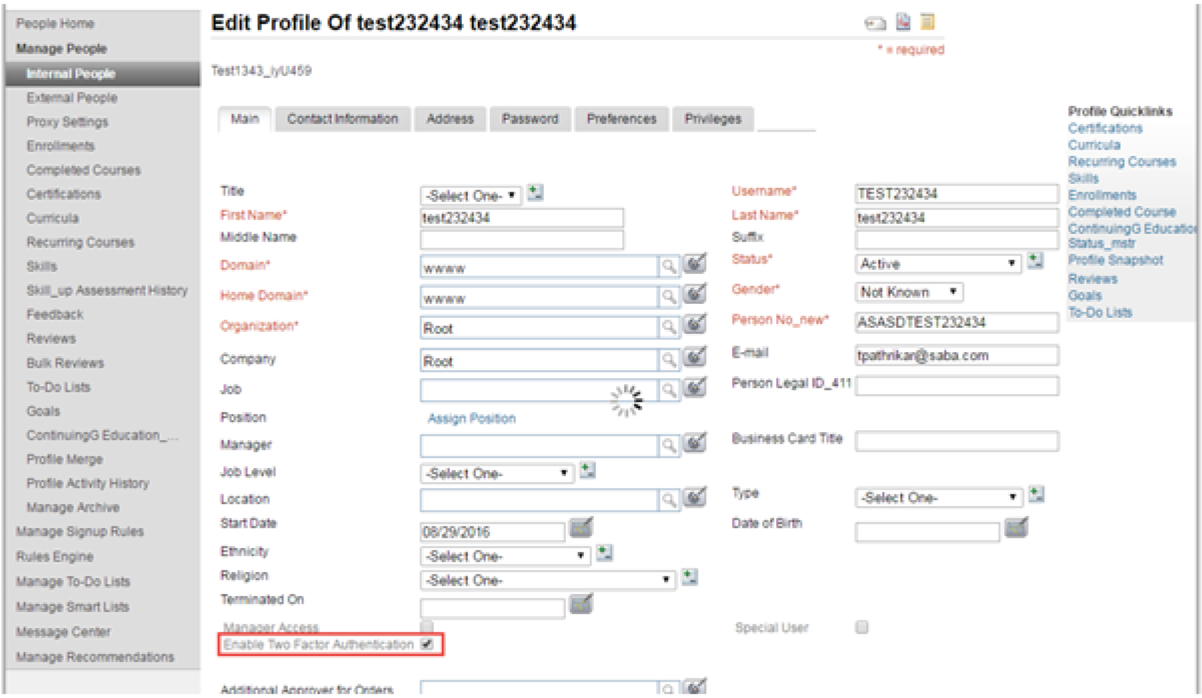


Figure 14: Enable the Two Factor Authentication for the required user

User logging in using the two factor authentication

After this is enabled, now when the user tries to login, the user is prompted for the Security Code and the Secret key depending on the settings (**Mobile based two factor authentication** and **Mobile based two factor authentication**) that are set by the system admin.

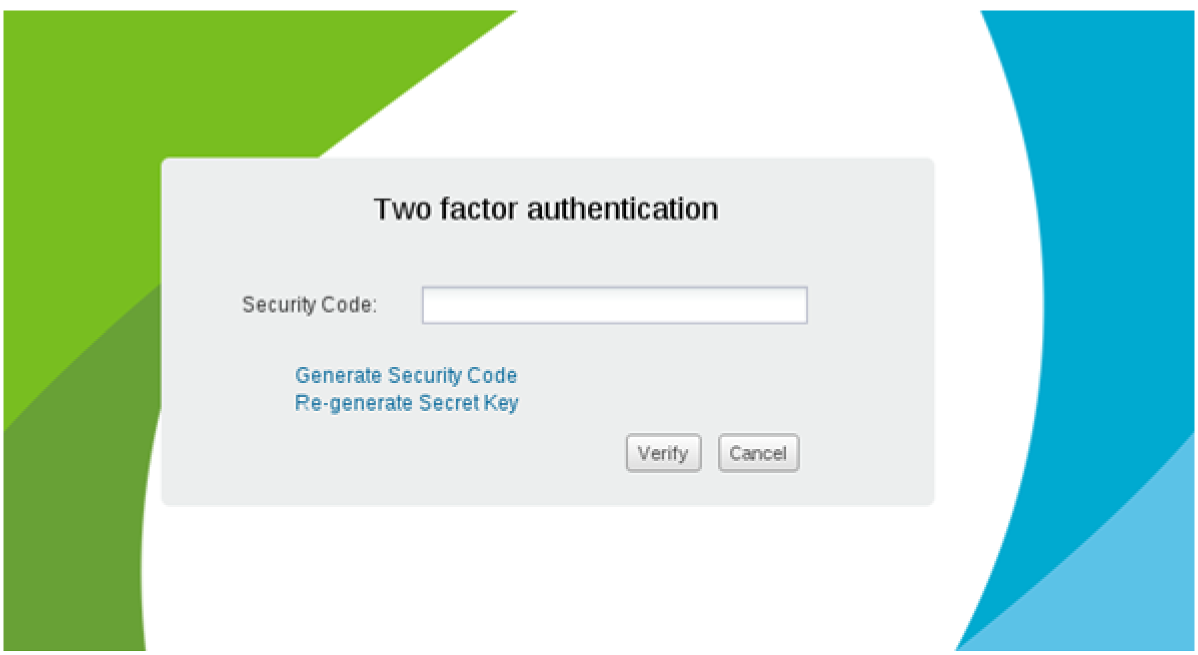


Figure 15: The Two factor Authentication in action

For email based two factor authentication, you can click **Generate Security Code** which will send you an email with the Security Code that you need to enter here.

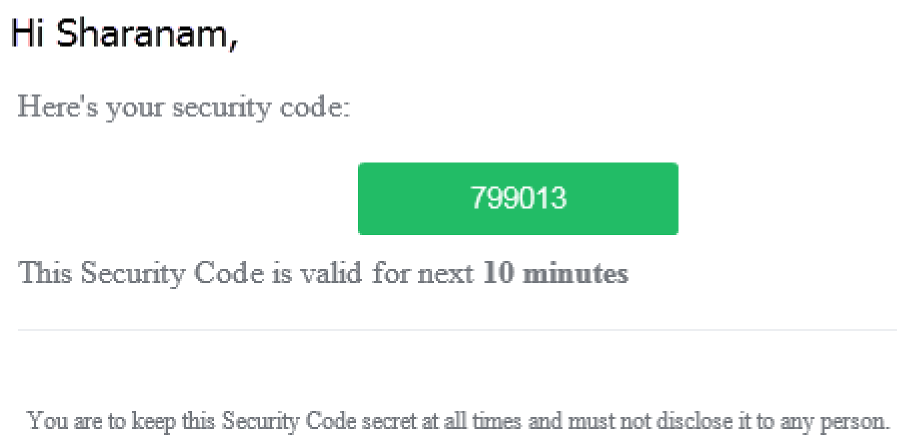


Figure 16: Security Code via email

You can also choose to use the mobile based two factor authentication by clicking **Re-generate Secret Key**. This requires the mobile app called Google Authenticator which will provide the Secret key that you need to enter here.

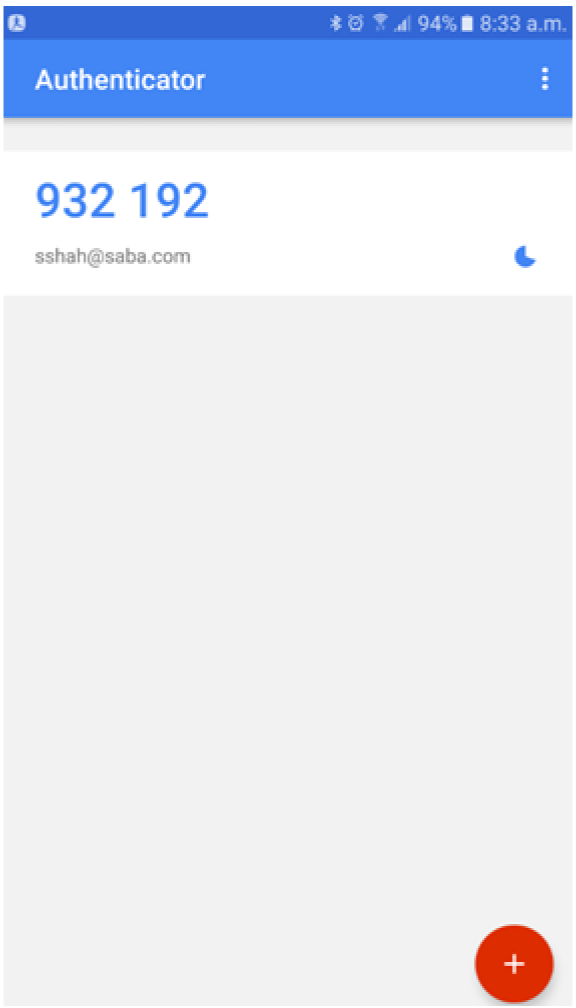


Figure 17: Code via Google Authenticator app

Note: **Two factor authentication** is not available for the candidates who login using the Recruiting career site.

Two factor authentication is only available for the following authentication methods:

- LDAP
- Saba database based authentication

Note: SAML, CertSSO, JWT, OAUTH and REST APIs do not support **Two factor authentication**.

Use case

This enhancement provides an enhanced security when accessing the application from the internet than when using it from within the company network.

Data Integration

Record-level selective deletion of associations using data import

How did it work?

Saba Cloud provided the ability to delete object associations at record level using data import for certain objects. However, this ability was not available for certain other objects like Skill, Skill Group, Certification and Curriculum. To delete associations of these remaining objects, users required the intervention of Saba Cloud administrators, who would then configure the functional metadata of the specific association configured for that object.

How does it work now?

With this update, Saba Cloud allows system administrators to delete object associations at record level using data import for the following objects:

- Skill
- Skill Group
- Certification
- Curriculum

System administrators can selectively remove or remove all existing associations of records from these objects as follows:

- **DELETE_** prefix (Delete specific association of a record)

  To support deletion of specific association, system administrators must add association with DELETE_<*ASSOCIATION_COLUMN*> prefix in header and pass corresponding values in the data file. It also supports "N" number of association deletion with a number suffix.

  For example, when the import encounters the following record for association, it processes deletion first, deleting uthree and ufour owners passed under DELETE_OWNER1|DELETE_OWNER2 and then associates uone and utwo passed under OWNER1|OWNER2 for the specific record. The sequence number for add and delete actions is independent of each other.

  ```
  OWNER1|OWNER2|DELETE_OWNER1|DELETE_OWNER2
  uone|utwo|uthree|ufour
  ```

  Note: For the new record-level delete feature to work, the object-level delete functionality DROP_EXISTING_<*Association*> (e.g.; DROP_EXISTING_OWNERS) must be OFF (add association cumulatively, which is the default setting). If this functionality is ON, then it takes precedence and all associations are deleted (current behavior).

- **DELETE_ALL_** prefix (Delete all existing associations of a specific type of record)

To support deletion of all existing associations of a specific type of record, system administrators must add association with DELETE_ALL_<*ASSOCIATION_COLUMN*> prefix in header and pass corresponding values in the data file. When the import process encounters "yes" in this column, all associations are processed for deletion. Records with Null and other values are not affected.

For example, when the import encounters the following record for association, it processes deletion first, deleting all existing owner associations and then associates uone passed under OWNER1 for the specific record.

```
OWNER1|DELETE_ALL_OWNER
uone|yes
```

Note: For this option, the numeric suffix is not required and first the association column as per template (for grouped association columns) must be placed in the file. For example, in case of security role association:

```
ADD role association to the user: SECURITY_ROLE1|DOMAIN1
DELETE role association from the user :
DELETE_SECURITY_ROLE1|DELETE_DOMAIN1
DELETE_ALL roles association for the user record : DELTE_ALL_SECURITY_ROLE
```

Use case

There is a need to allow users to selectively remove or remove all existing associations of records in data import objects without the need to contact Saba Cloud administrators.

Merge person profiles in bulk through data import

How did it work?

Saba Cloud allowed administrators to merge person profiles from the UI and through Web Service. However, this restricted them to merging one profile at a time.

How does it work now?

Saba Cloud now allows system administrators to merge person profiles in bulk using the new **Profile Merge** object in data import.

The **Profile Merge** data file includes the following fields:

- PRIMARY_PROFILE - This is a mandatory field.
- SECONDARY_PROFILE- This is a mandatory field.
- SECONDARY_PROFILE_MERGE_STATUS
- MERGE_SECURITY_ROLES
- MERGE_AUDIENCE_TYPE
- MERGE_VIRTUAL_AND_BLENDED_CLASS_TRANSCRIPT
- RECALCULATE_COMPLETION_STATUS_FOR_CERTIFICATION_AND_CURRICULUM
- SWAP_PERSON_NUMBER

To download the sample data files for the new object, navigate to **System** > **Manage Integrations** > **Integration Studio** > **Configure**, select **Profile Merge** option from the **Object Name** dropdown list, and click the **Download Sample** button.

Once the import is successful, Saba Cloud merges profiles specified in each row of the data file and generates corresponding log files.

Use case

There is a need to reduce the time required for administrators to merge large number of person profiles through bulk import.

Dynamically update currency for blended classes through data import

How did it work?

Saba Cloud supported the ability to add dynamic currency for blended classes through data import. However, there was no support to update the currency dynamically.

How does it work now?

Saba Cloud now provides the ability to dynamically update price currency for blended classes in bulk using data import.

The **MULTICURRENCY_PREF** column for **Blended Offering** data import object now supports the insert as well as update actions.

For insert action, this column supports the following three values:

- **1** for "DesignatedCurrency" - The class is created only in the passed currency
- **2** for "DesignatedAndDefaultCurrency" - The class is created in the passed currency and its value in default currency based on the exchange rate
- **3** for "AllCurrenciesInSystem" - The class is created in the passed currency and all other active currencies based on the exchange rate.

For update action, this column support the following value only:

- **3** for "AllCurrenciesInSystem" - The class is created in the passed currency and all other active currencies based on the exchange rate.

All other values are ignored during an update.

To download the sample data file for the updated object, navigate to **System > Manage Integrations > Integration Studio > Configure**, select **Blended Offering** option from the **Object Name** dropdown list, and click the **Download Sample** button.

Use case

There is a need to support dynamic currency conversion for blended classes via data import.

Associate multiple currency prices for course and class through data import

How did it work?

Saba Cloud supported the ability to associate a single currency price for course and class through data import. However, there was no support to associate multiple currency prices.

How does it work now?

Saba Cloud now supports the ability to associate multiple currency prices for course and class using data import and also provides the option to recalculate other currency price based on the base currency for the following objects:

- Offering template (Course)
- ILT Offering

- WBT Offering

Following new association columns are added to the data files of the affected objects:

- **ADD_PRICE_CURRENCY** - Name of the currency to associate with the course.
- **ADD_PRICE** - Price to associate with the course.
- **RECAL_PRICE_FOR_OTHER_CURRENCY** - Input values are 'true' or 'false'. If set to "true", then the price is calculated in all available active currencies in the system based on the exchange rate.

To import multiple price associations, multiple prices for different currencies can be provided in a row of the data file. For example, multiple fields data can be provided by adding multiple combinations of the association fields with incrementing suffix in the header and by providing values for the respective fields as given below:

`….|ADD_PRICE_CURRENCY1|ADD_PRICE1|RECAL_PRICE_FOR_OTHER_CURRENCY1|ADD_PRICE_CURRENCY2|ADD_PRICE2|RECAL_PRICE_FOR_OTHER_CURRENCY2….` and so on

The associations fields can be extended up to as many as required.

To download the sample data files for the updated objects, navigate to **System > Manage Integrations > Integration Studio > Configure**, select either **Offering Template**, **ILT Offering**, or **WBT Offering** option from the **Object Name** dropdown list, and click the **Download Sample** button.

Use case

There is a need to support dynamic currency conversion for course and class via data import.

Advanced data import configuration in Integration Studio

How did it work?

System administrators did not have access to modify advanced data import configurations other than setting the Unique ID for an import object from the Saba Cloud UI. Any changes to such configurations required users to send request to Saba Cloud operations and support staff.

How does it work now?

Saba Cloud now allows system administrators to modify advanced data import configurations directly from the Saba Cloud Integration Studio UI.

To view the new import settings, navigate to **System > Manage Integrations > Integration Studio > Configure**. A new **Import Settings** section is available.

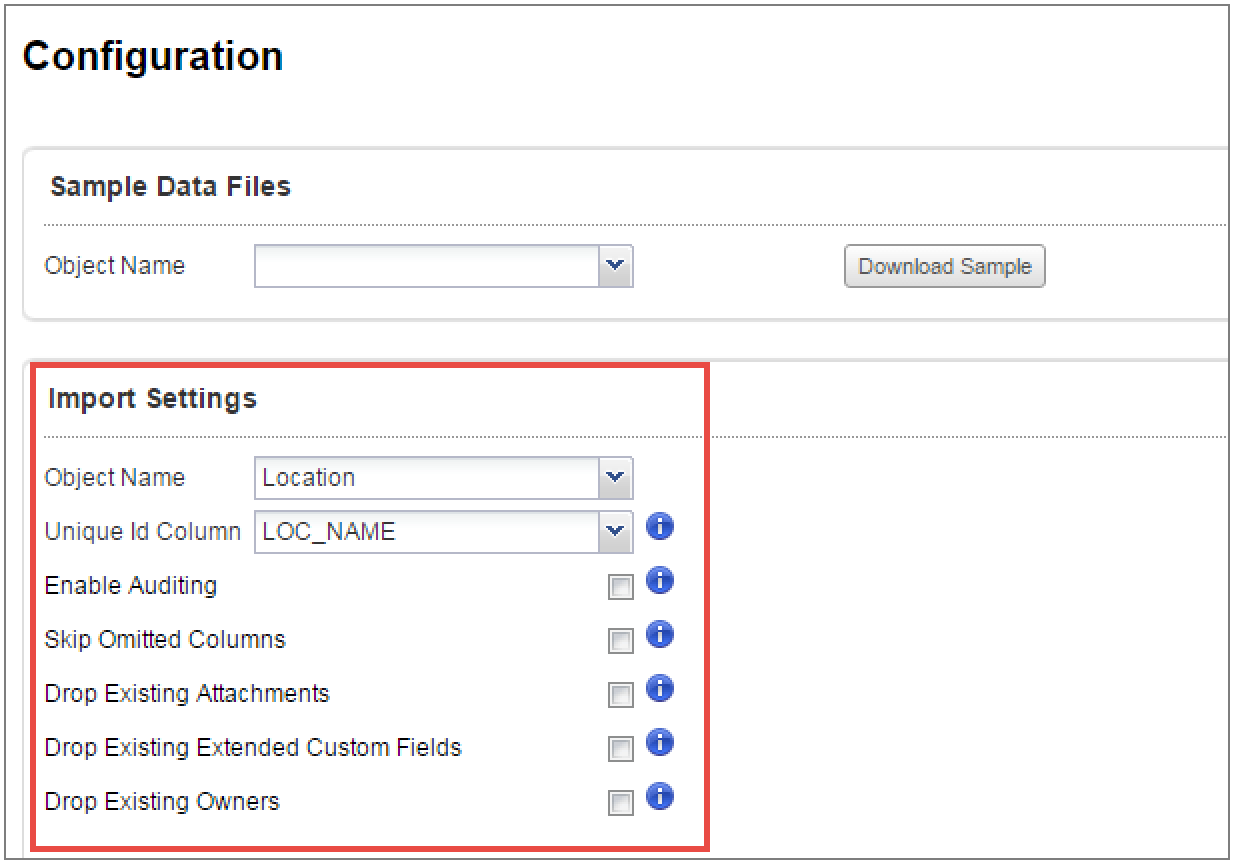


Figure 18: New import settings

The settings displayed in this section depend on the selected import object. Except for the **Unique ID Column** field, all other setting fields are checkboxes. System administrators can select the required checkbox to enable the functionality for a particular object. To disable the functionality for the object, clear the corresponding checkbox. Ensure that you click the **Save** button to save the configuration changes.

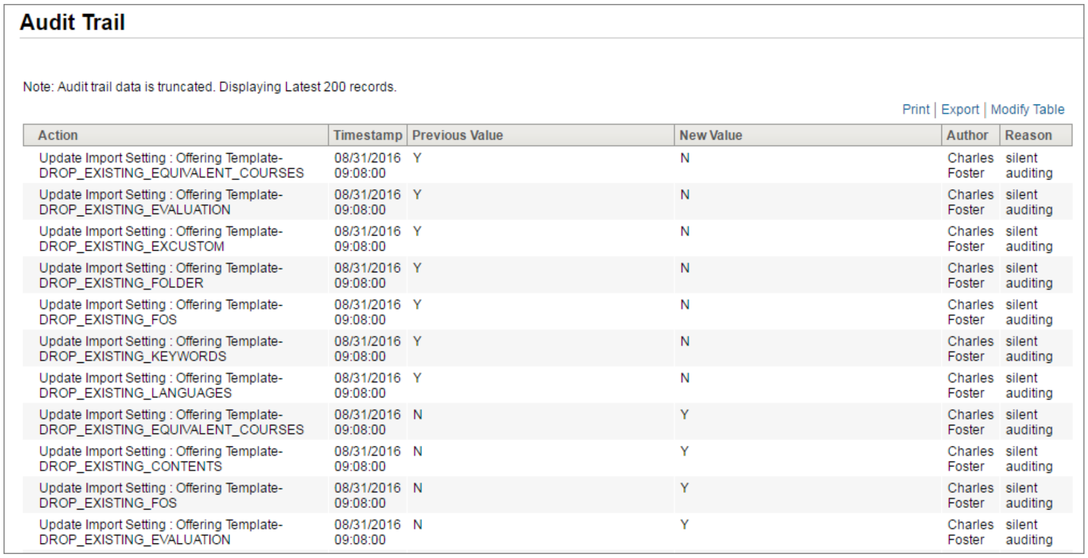
Auditing Support for Advanced Data Import Configuration

Saba Cloud allows administrators the ability to track changes to advanced data import settings by providing **Silent Auditing** support.

To view audit details, click the **Audit Trail** icon on the **Configuration** page. Saba Cloud displays the **Audit Trail** popup page. This page displays only the latest 200 records, though.

The **Audit Trail** popup page displays the following details:

- **Action** - The advanced import setting (functionality) that was changed. The display format is `Update Import Settings: <Object Name>-<Functionality>`.
- **Timestamp** - The date and time when the change was made.
- **Previous Value** - Displays the original value of the functionality and default value, if available. The display format is `<Functionality>:<Default Value>`.
- **New Value** - Displays the current value of the functionality and default value, if available. The display format is `<Functionality>:<Default Value>`.
- **Author** - The full name of the user who made the change.
- **Reason** - Currently, it only supports Silent Auditing.



Audit Trail

Note: Audit trail data is truncated. Displaying Latest 200 records.

Print | Export | Modify Table

Action	Timestamp	Previous Value	New Value	Author	Reason
Update Import Setting : Offering Template-DROP_EXISTING_EQUIVALENT_COURSES	08/31/2016 09:08:00	Y	N	Charles Foster	silent auditing
Update Import Setting : Offering Template-DROP_EXISTING_EVALUATION	08/31/2016 09:08:00	Y	N	Charles Foster	silent auditing
Update Import Setting : Offering Template-DROP_EXISTING_EXCUSTOM	08/31/2016 09:08:00	Y	N	Charles Foster	silent auditing
Update Import Setting : Offering Template-DROP_EXISTING_FOLDER	08/31/2016 09:08:00	Y	N	Charles Foster	silent auditing
Update Import Setting : Offering Template-DROP_EXISTING_FOS	08/31/2016 09:08:00	Y	N	Charles Foster	silent auditing
Update Import Setting : Offering Template-DROP_EXISTING_KEYWORDS	08/31/2016 09:08:00	Y	N	Charles Foster	silent auditing
Update Import Setting : Offering Template-DROP_EXISTING_LANGUAGES	08/31/2016 09:08:00	Y	N	Charles Foster	silent auditing
Update Import Setting : Offering Template-DROP_EXISTING_EQUIVALENT_COURSES	08/31/2016 09:08:00	N	Y	Charles Foster	silent auditing
Update Import Setting : Offering Template-DROP_EXISTING_CONTENTS	08/31/2016 09:08:00	N	Y	Charles Foster	silent auditing
Update Import Setting : Offering Template-DROP_EXISTING_FOS	08/31/2016 09:08:00	N	Y	Charles Foster	silent auditing
Update Import Setting : Offering Template-DROP_EXISTING_EVALUATION	08/31/2016 09:08:00	N	Y	Charles Foster	silent auditing

Figure 19: Audit trail for advanced import settings

Use case

There is a need to allow system administrators to configure advanced import settings so that the dependability of raising requests to Saba operations and support staff is reduced.

Auditing support for data import job configuration

How did it work?

Prior to this update, there was no provision to track configuration changes for data import jobs.

How does it work now?

Saba Cloud now provides the ability to track changes to data import job configuration by introducing auditing support.

To view audit details for a data import job:

1. Click **System > Manage Integrations > Integration Studio**,
2. Search for and edit the required job.
3. Click the **Audit Details** button.

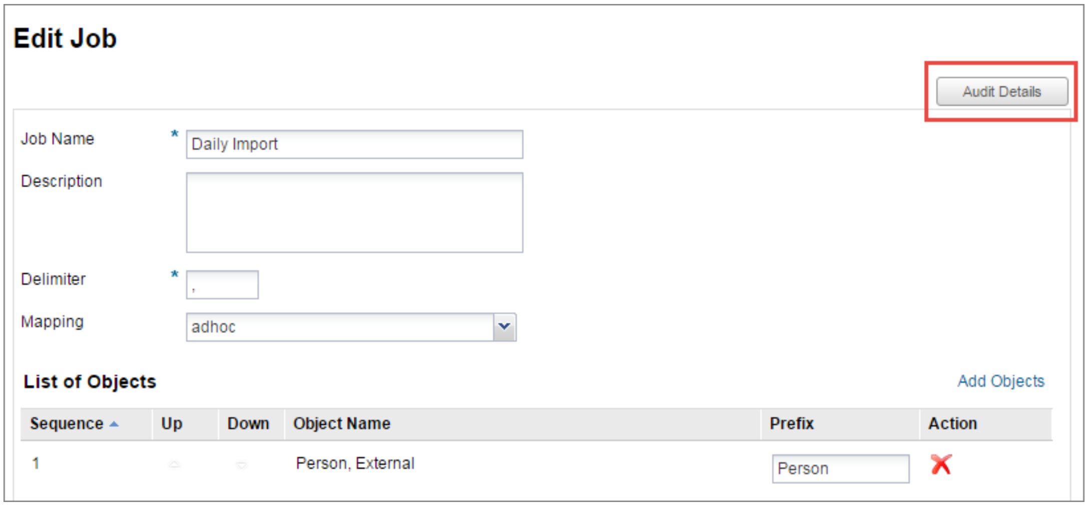
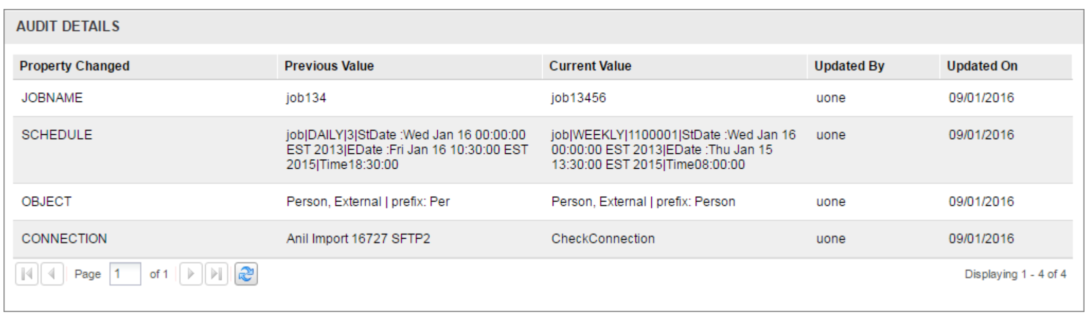


Figure 20: Audit Details button

The Audit Details popup page displays the following details:

- **Property Changed** - Indicates the name of the job property that changed.
- **Previous value of property**
- **Current value of property**
- **Update by** - User name of person who made the change.
- **Updated on** - Date when the change was made.


AUDIT DETAILS

Property Changed	Previous Value	Current Value	Updated By	Updated On
JOBNAME	job134	job13456	uone	09/01/2016
SCHEDULE	job|DAILY|3|StDate :Wed Jan 16 00:00:00 EST 2013|EDate :Fri Jan 16 10:30:00 EST 2015|Time18:30:00	job|WEEKLY|1100001|StDate :Wed Jan 16 00:00:00 EST 2013|EDate :Thu Jan 15 13:30:00 EST 2015|Time08:00:00	uone	09/01/2016
OBJECT	Person, External | prefix: Per	Person, External | prefix: Person	uone	09/01/2016
CONNECTION	Anil Import 16727 SFTP2	CheckConnection	uone	09/01/2016

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Figure 21: Audit details for an import job

Note: The audit changes for import jobs are not configurable.

Currently, any changes in the mapping configuration of jobs are captured; however, any internal changes in the mapping configuration are not audited. Similarly, any SFTP changes for a job are captured; however, any change to SFTP internal configuration are not audited.

Notes

For **Previous value of property** and **Current value of property** columns, the following details are captured:

- For connections, only the change in connection is audited but no details of a specific connection configuration are captured.
- For objects, following is audited:
  - Object deleted
  - Object created
  - Object prefix change
  - Object sequence change

- For Schedule, the entire schedule change is displayed as a string, which is a concatenation of Frequency, Every, From Date, To Date, Time and TimeZone fields separated by a delimiter. If any of these fields are changed, then the entire schedule is audited.
- For "WEEKLY" frequency, days are audited by a weekly mask of 7 bits, with the first bit representing Monday and the last bit, Sunday.

Use case

Changes to data import job configuration can result into issues at times. Administrators need to know who made the change and when. Auditing the job configuration changes can help capture these details.

Skip omitted columns from data import file

How did it work?

Prior to this update, when the SKIP functionality for an import object was enabled and if columns were skipped in the data import file for that object, then Saba Cloud updated all such columns with a "Null" value. This lead to loss of changes made outside of data import.

How does it work now?

With this update, Saba Cloud provides the ability to automatically SKIP all base columns that are omitted.

To view the new SKIP settings on UI, navigate to **System** > **Manage Integrations** > **Integration Studio** > **Configure**. The following setting is available under the **Import Settings** section:

- **Skip Omitted Columns**

  This setting determines whether base columns omitted from a data import file are skipped or not during import.

  - If enabled, then non-association columns omitted from the data file are not affected.
  - If disabled, then non-association columns omitted from the data file are updated with a "Null" value.

  By default, this setting is disabled for all import objects.

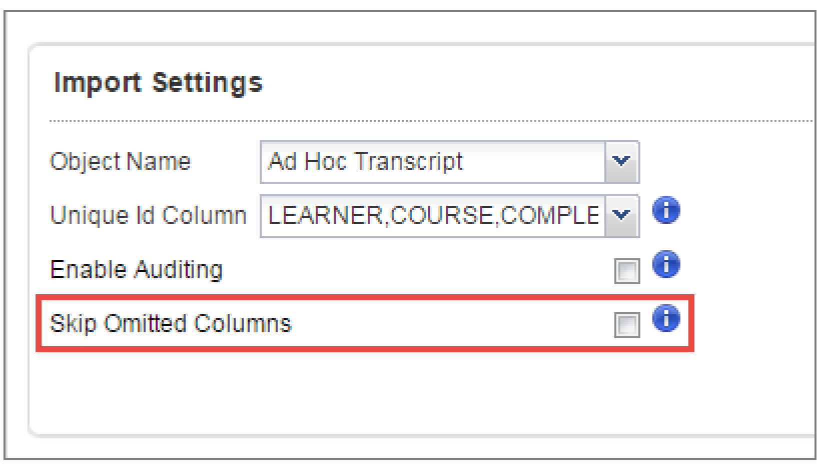


Figure 22: Skip omitted columns

The **Skip Omitted Columns** setting works for:

- All UI imports, and
- Scheduled import jobs that do not use data mapping.

Supported Objects

Currently, the **Skip Omitted Columns** setting is supported **only** for the following objects:

- Ad hoc Transcript
- Audience Type
- Certification
- Classroom
- Curriculum
- Equipment
- Facility
- ILT Offering
- JobType
- Location
- Offering Template
- Organization, External
- Organization, Internal
- Person Profile
- Person, External
- Person, Internal
- Role
- Skill
- SkillGroup
- Transcript
- WBT Offering

Use case

Users performing data import assume that when using the SKIP functionality, if a column is being omitted during import, then its value in the system is not affected. However, if a column is omitted (and no Data Mapping is present), then the import updates the existing values in the database to "Null". To prevent loss of existing data, there is a need to allow administrators to control the Skip behavior for such columns.

New Organization Administrator association in data import

How did it work?

Prior to this update, the Organization Administrator role did not exist in Saba Cloud and so there was no corresponding support to add the role in bulk to organizations using data import.

How does it work now?

With this update, Saba Cloud provides the ability to add the Organization Administrator role to organizations in bulk using data import.

New Object Association

To implement this, the following new association column is added to the organization data import objects:

- **ORG_ADMIN**

  Indicates the Organization Administrators associated with the organization. This column accepts Username or Person Number as input values.

  You can add as many association columns as you want to the object, for example **ORG_ADMIN1**, **ORG_ADMIN2**, ... and so on.

To view the sample data files for the updated objects, navigate to **System > Manage Integrations > Integration Studio > Configure**, select **Organization, External** or **Organization, Internal**option from the **Object Name** dropdown list, and click the **Download Sample** button.

New Import Setting (Functionality)

Additionally, the following new advanced import setting is introduced for the supported objects:

- **Drop Existing Organization Administrators**

  If enabled, then all existing Organization Administrators for each record are deleted before adding new ones. If disabled, then existing Organization Administrators are not affected.

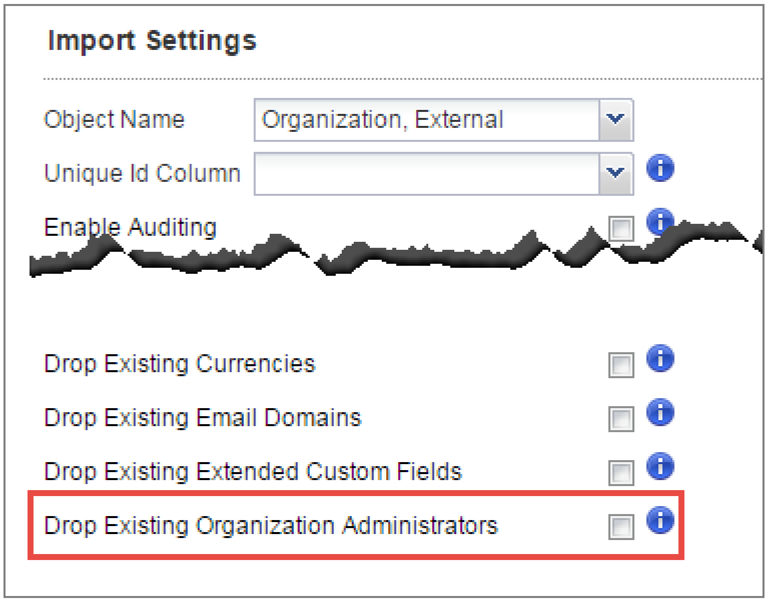


Figure 23: New import setting

Supported Objects

This feature is supported **only** for the following objects:

- Organization, External
- Organization, Internal

Use case

There is a need to support association of the new Organization Administrator role with internal or external organization using data import.

New column in Person data import

How did it work?

Prior to this update, the **Person, Internal** and **Person, External** data import did not support the **ENABLE_TWO_FACTOR_AUTH** column to support two factor authentication.

How does it work now?

To support to support two factor authentication, this update introduces the **ENABLE_TWO_FACTOR_AUTH** in the following data import objects:

- Person, External
- Person, Internal

Accepted values: True or False

Default value: False

To view the updated sample data files for these objects, navigate to **System > Manage Integrations > Integration Studio > Configure**, select **Person, External** or **Person, Internal** option from the **Object Name** dropdown list, and click the **Download Sample** button.

Use case

The Person data import needs to provide support for two factor authentication.

Prescriptive Rule and Smart List

Assign job role to person via prescriptive rule

How did it work?

Prior to this update, the people administrator could assign the following requirements to people via prescriptive rule:

- Learning event
- Skill
- Shared and Individual goals
- Class
- Continuing Education Requirements
- Security Roles
- Checklists

How does it work now?

With this update, the people administrator can now assign job roles (required and optional) to people via the prescriptive rule.

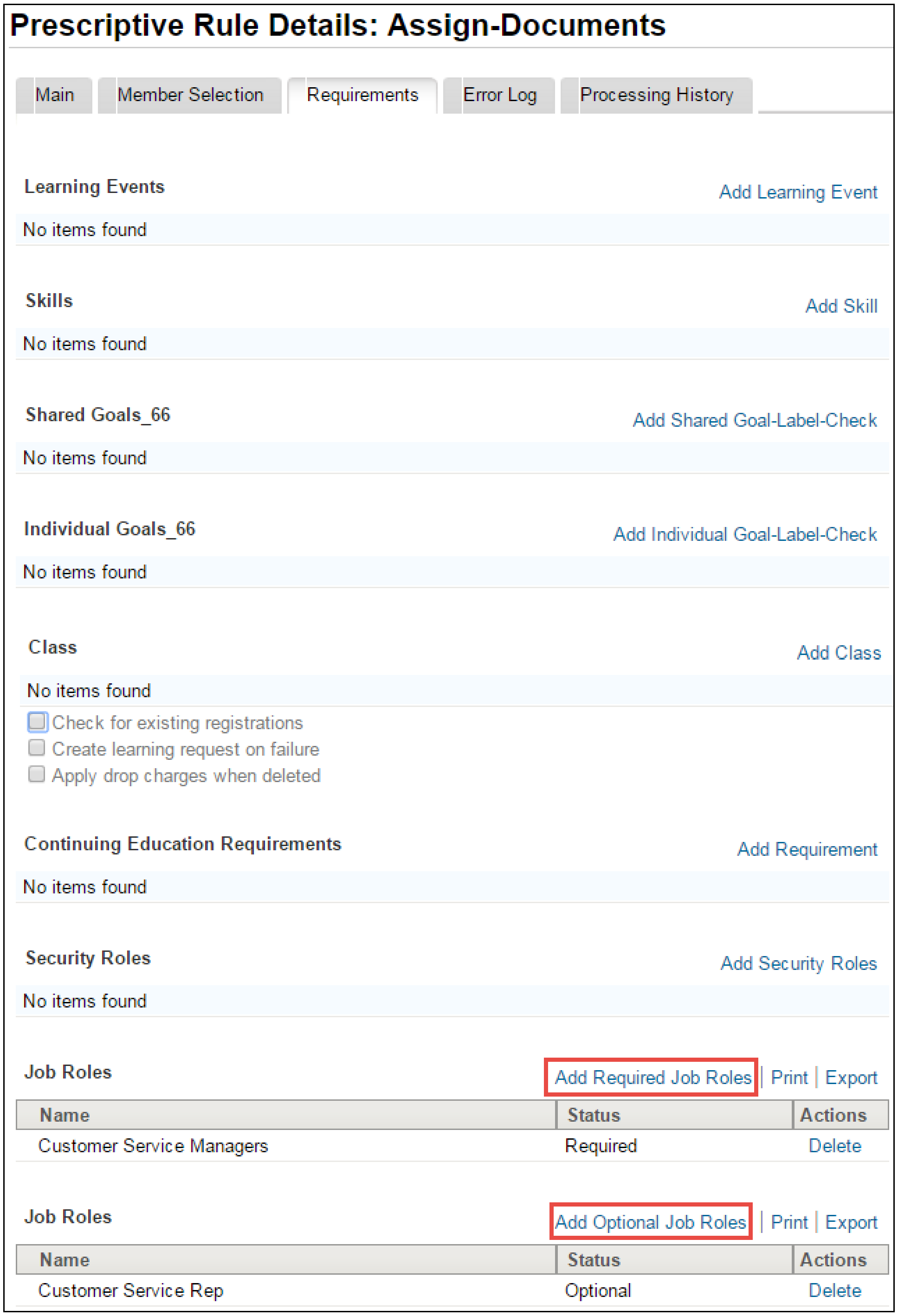


Figure 24: Add Job Roles

The people administrator must click **Add Required Job Roles** / **Add Optional Job Roles**, select the desired job roles, and then click **Add Roles** to add these roles to the prescriptive rule requirement. Save the prescriptive rule and process it. The newly added job roles will be assigned to people.

Use case

This would allow the use of criteria in Prescriptive Rule to identify people who need roles assigned directly to them.

Prompt to save member selection details when using existing criteria

How did it work?

When a people administrator is selecting a smart list by using the existing criteria option and moving forward to set the requirements, the smart list selection is lost because the user did not save the data before leaving the page. This workflow is inconsistent with the Define new criteria workflow as there the user is prompt to save the selection before moving to next step.

How does it work now?

The **Use the existing criteria** workflow is now in sync with the **Define a new criteria** flow as the people administrator will be prompted to save the current details before moving to set requirements.

As soon as admin selects **Use the existing criteria** option, selects the criteria, and clicks Step 3: Set Requirements button, a prompt appears to save the changes.

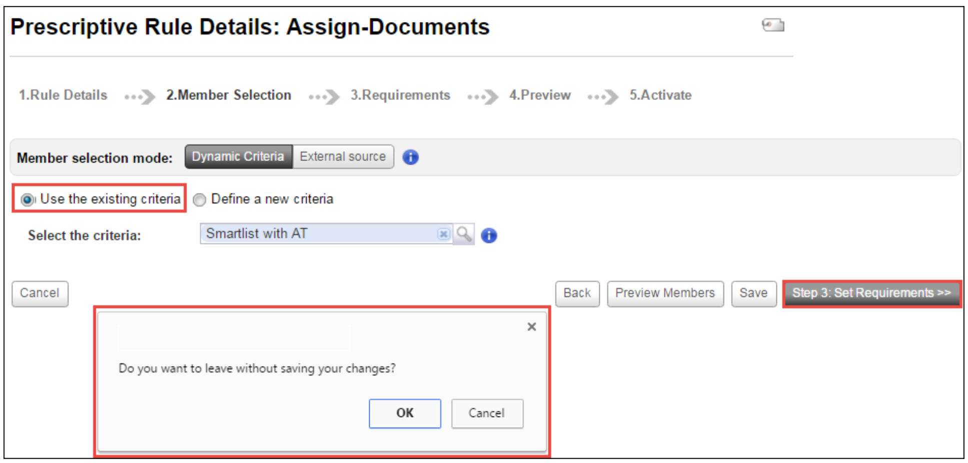


Figure 25: Prompt to save existing criteria

Use case

The use existing criteria workflow is now consistent with the defining new critera where the administrator is prompted to save the changes before moving to next step.

REST API

Updated REST APIs

Certification and Curriculum APIs to return additional details

How did it work?

The following REST APIs did not return details like recertifyDays, reassignTargetDays, locale, createdOn/by, updatedOn/by, expiryType (expiresOnDay, expiresOnMonth expiresOnFrequency nextExpiryStartsOnDay, nextExpiryStartsOnMonth):

- GET DETAILS OF A CERTIFICATION
- GET DETAILS OF A CURRICULUM
- FIND DETAILS OF CERTIFICATION/CURRICULUM
- FIND DETAILS OF CERTIFICATION/CURRICULUM (Using POST - Range based search)

How does it work now?

The following REST APIs now return these additional details as part of the Response:

- GET DETAILS OF A CERTIFICATION
- GET DETAILS OF A CURRICULUM
- FIND DETAILS OF CERTIFICATION/CURRICULUM
- FIND DETAILS OF CERTIFICATION/CURRICULUM (Using POST - Range based search)

GET DETAILS OF A CERTIFICATION

Overview

Returns the details of a certification.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/certification/:certId

Calling Options

Table 27: Calling Options

Name	Description	Sample Value	Data Type	Required?
certId	Certification's ID	crt~ fy000000000004464	string	Yes

Return Values


```
{
  "updated_on": "2016-02-02T00:00:00.000-0500",
  "created_by": "superuser",
  "updated_by": "UONE",
  "created_on": "2014-10-27T05:06:41.000-0400",
  "keywords": [
    {
      "id": "kywrd000000000006265",
      "displayName": "skill"
    },
    {
```

```
      "id": "kywrd000000000006263",
      "displayName": "course_keyword"
    },
    {
      "id": "kywrd000000000006264",
      "displayName": "k100"
    },
    {
      "id": "kywrd000000000006266",
      "displayName": "java"
    }
  ],
  "reAssignedTargetDays": 0,
  "deepLinkUrls": [

"https://<hostname>/Saba/Web_spf/ATHDB1/common/learningeventdetail/crtfy000000000004464"

  ],
  "past_credit_days": null,
  "history_lookup_policy": "CheckHistoryUptoExpiredRevoked",
  "parent": null,
  "description": "description updateddasdas",
  "name": "!000111cert_content",
  "paths": [
    {
      "learningModules": [
        {
          "is_reqd": true,
          "learningInterventions": [
            {
              "is_reqd": false,
              "owner_id": null,
              "part_id": {
                "id": "cours000000000017197",
                "displayName": "course_con1"
              },
              "is_waiver": false,
              "sequence": 1,
              "id": "edupl000000000006512"
            },
            {
              "is_reqd": false,
              "owner_id": null,
              "part_id": {
                "id": "cours000000000017198",
                "displayName": "course_con2"
              },
              "is_waiver": false,
              "sequence": 2,
              "id": "edupl000000000006513"
            },
            {
              "is_reqd": false,
              "owner_id": null,
              "part_id": {
                "id": "cours000000000037404",
                "displayName": "Test for eq"
              },
              "is_waiver": false,
              "sequence": 3,
              "id": "edupl000000000011680"
            }
```

```
          ],
          "notes": null,
          "reqd_no_of_items": 2,
          "is_waiver": true,
          "track_id": null,
          "sequence": 1,
          "name": "!000111cert_content_p1_m1",
          "id": "cegrp000000000004930"
        }
      ],
      "isrecertification_track": false,
      "is_default_path": true,
      "is_path_recalculation_done": false,
      "name": "!000111cert_content_p123",
      "id": "track000000000004850"
    }
  ],
  "disp_learner": true,
  "disp_callcenter": true,
  "self_register": true,
  "featured": false,
  "valid_till": null,
  "notify_before": null,
  "vendor_id": null,
  "avl_from": "2014-10-27T00:00:00.000-0400",
  "disc_from": null,
  "createGroupPolicyVal": true,
  "target_days": 0,
  "learningevent_id": "00012706",
  "version": null,
  "group": {
    "id": "teams000000000010877",
    "displayName": "!000111cert_content"
  },
  "status": "INEFFECT",
  "customValues": {
    "custom9": null,
    "ExCustom4": null,
    "custom3": null,
    "custom4": null,
    "custom1": null,
    "custom2": null,
    "custom7": null,
    "custom8": null,
    "custom5": null,
    "custom6": null
  },
  "securityDomain": {
    "id": "domin000000000059758",
    "displayName": "Domain_IndiaQE"
  },
  "id": "crtfy000000000004464",
  "expiryType": "duration",
  "locale": {
    "id": "local000000000000001",
    "displayName": null
  },
  "recertifyDays": 0
}
```


Note: The following attributes are only available when the value of 'expiryType' is 'dayOfMonth'. This is only available for cert

- expiresOnDay

- expiresOnMonth
- expiresOnFrequency
- nextExpiryStartsOnDay
- nextExpiryStartsOnMonth


```
{
  "parent": null,
  "created_on": "2016-07-22T17:27:32.000+0530",
  "updated_by": "uone",
  "updated_on": "2016-07-22T17:27:49.000+0530",
  "created_by": "uone",
  "keywords": [],
  "validtill_type": 1,
  "reAssignedTargetDays": 12,
  "past_credit_days": 12,
  "history_lookup_policy": "CheckHistoryUptoExpiredRevoked",
  "deepLinkUrls": [

"http://dqathdb1.sabacloud.com/Saba/Web_spf/ATHDB1/Social/common/learningeventdetail/c

  ],
  "name": "testCertification_U361",
  "description": "testCertification_U361",
  "paths": [
    {
      "name": "Test1_Path1",
      "learningModules": [
        {
          "name": "test_Module_test",
          "notes": "test_Module_test",
          "sequence": 1,
          "track_id": null,
          "is_waiver": true,
          "is_reqd": true,
          "reqd_no_of_items": 1,
          "learningInterventions": [
            {
              "sequence": 1,
              "is_waiver": false,
              "is_reqd": false,
              "owner_id": null,
              "part_id": {
                "id": "cours000000000200486",
                "displayName": "111"
              },
              "id": "edupl000000000201247"
            },
            {
              "sequence": 2,
              "is_waiver": false,
              "is_reqd": false,
              "owner_id": null,
              "part_id": {
                "id": "cours000000000200815",
                "displayName": "#12#12"
              },
              "id": "edupl000000000201248"
            }
          ],
          "id": "cegrp000000000201045"
        }
      ],
```

```
      "is_default_path": true,
      "isrecertification_track": false,
      "is_path_recalculation_done": false,
      "id": "track000000000201045"
    },
    {
      "name": "Test1_PathU36",
      "learningModules": [
        {
          "name": "test_Module_test1",
          "notes": "test_Module_test1",
          "sequence": 1,
          "track_id": null,
          "is_waiver": true,
          "is_reqd": true,
          "reqd_no_of_items": 1,
          "learningInterventions": [
            {
              "sequence": 1,
              "is_waiver": false,
              "is_reqd": false,
              "owner_id": null,
              "part_id": {
                "id": "cours000000000200340",
                "displayName": "aaa"
              },
              "id": "edupl000000000201249"
            },
            {
              "sequence": 2,
              "is_waiver": false,
              "is_reqd": false,
              "owner_id": null,
              "part_id": {
                "id": "cours000000000202227",
                "displayName": "aaaaaa"
              },
              "id": "edupl000000000201250"
            },
            {
              "sequence": 3,
              "is_waiver": false,
              "is_reqd": false,
              "owner_id": null,
              "part_id": {
                "id": "cours000000000200744",
                "displayName": "aaacou_for_package_with_no_price"
              },
              "id": "edupl000000000201251"
            }
          ],
          "id": "cegrp000000000201046"
        }
      ],
      "is_default_path": true,
      "isrecertification_track": true,
      "is_path_recalculation_done": false,
      "id": "track000000000201046"
    }
  ],
  "disp_learner": true,
  "disp_callcenter": true,
```

```
  "self_register": true,
  "version": "1.2",
  "group": {
    "id": "teams000000000001323",
    "displayName": "testCertification_U361"
  },
  "status": "INEFFECT",
  "createGroupPolicyVal": true,
  "featured": true,
  "valid_till": null,
  "notify_before": 12,
  "vendor_id": null,
  "avl_from": "2016-07-22T00:00:00.000+0530",
  "disc_from": "2034-08-24T00:00:00.000+0530",
  "target_days": 12,
  "learningevent_id": "00201101",
  "customValues": {
    "custom9": null,
    "custom0": null,
    "custom3": null,
    "custom4": null,
    "custom1": null,
    "custom2": null,
    "custom7": null,
    "custom8": null,
    "custom5": null,
    "custom6": null
  },
  "securityDomain": {
    "id": "domin000000000000001",
    "displayName": "world"
  },
  "id": "crtfy000000000200873",
  "expiresOnMonth": "02",
  "nextExpiryStartsOnMonth": "02",
  "expiryType": "dayOfMonth",
  "expiresOnDay": "04",
  "locale": {
    "id": "local000000000000001",
    "displayName": null
  },
  "recertifyDays": 12,
  "nextExpiryStartsOnDay": "04",
  "expiresOnFrequency": 2
}
```


GET DETAILS OF A CURRICULUM

Overview

Returns the details of a curriculum.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/curriculum/:currId

Calling Options

Table 28: Calling Options

Name	Description	Sample Value	Data Type	Required?
currId	Curriculum's ID	curra000000000005646	string	Yes

Return Values

```
{
  "keywords": [],
  "deepLinkUrls": [

"https://<hostname>/Saba/Web_spf/ATHDB1/common/learningeventdetail/curra000000000005646"

  ],
  "description": "Test_Curriculum_123",
  "name": "Test_Curriculum_123",
  "paths": [
    {
      "learningModules": [
        {
          "is_reqd": true,
          "learningInterventions": [
            {
              "is_reqd": false,
              "owner_id": null,
              "part_id": {
                "id": "cours000000000040633",
                "displayName": "@$# $ 8-updated name_3_Testingw"
              },
              "is_waiver": false,
              "sequence": 1,
              "id": "edupl000000000015055"
            },
            {
              "is_reqd": false,
              "owner_id": null,
              "part_id": {
                "id": "cours000000000040636",
                "displayName": "@$# $ 8-updated name_3_Testingw1"
              },
              "is_waiver": false,
              "sequence": 2,
              "id": "edupl000000000015056"
            },
            {
              "is_reqd": false,
              "owner_id": null,
              "part_id": {
                "id": "cours000000000006559",
                "displayName": "!@#$%^*&()äáº°óñïéê\""
              },
              "is_waiver": false,
              "sequence": 3,
              "id": "edupl000000000015057"
```

```
          }
        ],
        "notes": "Module_12",
        "reqd_no_of_items": 2,
        "is_waiver": true,
        "track_id": null,
        "sequence": 1,
        "name": "Module_12",
        "id": "cegrp000000000010789"
      }
    ],
    "isrecertification_track": false,
    "is_default_path": true,
    "is_path_recalculation_done": false,
    "name": "Test_Path_1",
    "id": "track000000000010510"
  }
],
"disp_learner": false,
"disp_callcenter": false,
"self_register": true,
"featured": false,
"vendor_id": null,
"avl_from": "2016-08-24T00:00:00.000-0400",
"disc_from": null,
"createGroupPolicyVal": false,
"target_days": 12,
"learningevent_id": "00046170",
"version": null,
"group": null,
"status": "INEFFECT",
"customValues": {
  "ExCustom6": null,
  "ExCustom5": null,
  "custom0": null,
  "ExCustom8": null,
  "ExCustom9": null,
  "custom9": null,
  "custom3": false,
  "custom4": null,
  "custom1": null,
  "custom2": null,
  "custom7": null,
  "ExCustom2": null,
  "custom8": null,
  "custom5": null,
  "custom6": null
},
"securityDomain": {
  "id": "domin000000000000001",
  "displayName": "world"
},
"id": "curra000000000005646",
"updated_on": "2016-08-24T02:45:55.000-0400",
"created_on": "2016-08-24T02:45:48.000-0400",
"updated_by": "superuser",
"locale": {
  "id": "local000000000000001",
  "displayName": null
},
"created_by": "superuser"
}
```

FIND DETAILS OF CERTIFICATION/CURRICULUM

Overview

Returns the details of the Certification/Curriculum along with the ID, Name and the Deeplink URL based on the provided search criteria.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/:componentName?q=(:criteria_field==:field_value)&count=:count&startPage=:startPage

Calling Options

Table 29: Calling Options

Name	Description	Sample Value	Data Type	Required?
componentName	The name of the desired component (certification or curriculum).	certification	enumerated	Yes
criteria_field	The search criteria i.e. the field name. You can use any field with "isSearchFilter": true. **Note:** To find out the fields that have "is~SearchFilter": true, in~voke the "Get the Meta details" REST APIs.	name	string	Yes
field_value	The search value for the specified search criteria.	abc	string	Yes
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No

Fields covered under search criteria (criteria_field)

Field name	Field description	Possible values	Example
certi_name	Name of the certification.		certi_name%3D%3Dabc

Field name	Field description	Possible values	Example
certi_target_days	Target days of the certification.		certi_target_days%3D%3D
certi_valid_till	Valid till value of the certification.		certi_valid_till%3D%3d100
certi_disc_from	Discountinuation date of the certification.		certi_disc_from
certi_avl_from	Certification available from date.		certi_avl_from
certi_notify_be~ fore	Notify before of the certification.		certi_notify_before%3d%3d130
certi_custom0	Custom 0 field of the certification.		certi_custom0%3D%3D This%20is%20custom0
certi_custom1	Custom 1 field of the certification.		certi_custom1%3D%3D This%20is%20custom1
certi_custom2	Custom 2 field of the certification.		certi_custom2%3D%3D This%20is%20custom2
certi_custom3	Custom 3 field of the certification.		certi_custom3%3D%3D This%20is%20custom3
certi_custom4	Custom 4 field of the certification.		certi_custom4%3D%3D This%20is%20custom4
certi_created_by	Created by field of the certification.		certi_created_by%3D%3Duone
certi_created_on	Created on field of the certification.		certi_created_on%3D%3D 5/8/2002
certi_updated_by	Updated by field of the certification.		certi_updated_by%3D%3Duone
certi_updated_on	Updated on field of the certification.		certi_updated_on%3D%3D 5/8/2002
certi_status	Status of the certification.		certi_status%3D%3D100
version	Version of the certification.		version%3D%3d1.0
certi_description	Description of the certification.		certi_description%3D%3D descr000000000103641
base_type	Distinguishes whether its certification.	0 - Certification 1 - Curriculum	base_type%3D%3D0
audience_type_id	Associated Audience type id of the certific~ ation.		audience_type_id%3D%3D audie000000000001021

Field name	Field description	Possible values	Example
certi_recert_win~dow	Number of days before expiration after which learner can start re-certification work by pursuing a recertification path.		certi_recert_window%3D%3D certi_recert_window
certi_past_cred~it_days	Number of days before certification assign~ment, upto which, system would consider completed learning element while doing certification completion check. If this field is null then window is infinite i.e. learning elements completed any time in the past is valid for this certification. If this field is 0 then system would not look back i.e. any learning element completed before certific~ation assignment is not valid for this certi~fication.		certi_past_credit_days%3D%3D1
aud_type_out~er_search	Returns all those certification which has audience type as a given value or null.		aud_type_outer_search%3D%3D audie000000000001021
gov_owner	Owner id of component.		gov_owner%3D%3Dem~plo000000000200100
learningevent_id	Id(not internal id) of certification.		learningevent_id%3D%3D 200056
name	Name of the certification.		Name%3D%3Dabc
student_id	Learner Id for whom the held certification belongs		student_id%3D%3D em~plo000000000200020
hide_discontin~ued_event	Returns all certification except those which are discontinued.		hide_discontinued_event%3D%3D 5/8/2002
cat~egory_comppick~er	Parent or own category id associated with the certification		category_comppicker%3D%3D ddcls000000000001480
category_hier~archy	Returns full hierarchy of category associ~ated with the certification.	0 - No full hier~archy 1 - Full hierarchy	category_hierarchy%3D%3D cat~egory_hierarchy
csvinput	Name of the certification.		
category_id	If this field is passed all those certification will be returned which has category with given category id.		category_id%3D%3D categ000000000001125
category_name	If this field is passed all those certification will be returned which has category with given category name.		category_id%3D%3D A10008

Field name	Field description	Possible values	Example
at_check	Adding this condition peforms an Audience Type check and only the certifications / curricula matching the Audience Type of the learner will be returned. **Note:** Irrespective of the value of the **at_check** query parameter, the Audi~ ence Type check will be done if it is added in search query.	true or false	at_check%3D%3Dtrue

Return Values


```
{
  "facets": [],
  "startIndex": 1,
  "results": [
    {
      "updated_on": "2016-02-02T00:00:00.000-0500",
      "created_by": "superuser",
      "updated_by": "UONE",
      "created_on": "2014-10-27T05:06:41.000-0400",
      "keywords": [
        {
          "id": "kywrd000000000006265",
          "displayName": "skill"
        },
        {
          "id": "kywrd000000000006263",
          "displayName": "course_keyword"
        },
        {
          "id": "kywrd000000000006264",
          "displayName": "k100"
        },
        {
          "id": "kywrd000000000006266",
          "displayName": "java"
        }
      ],
      "reAssignedTargetDays": 0,
      "deepLinkUrls": [

"https://<hostname>/Saba/Web_spf/ATHDB1/common/learningeventdetail/crtfy000000000004464"

      ],
      "past_credit_days": null,
      "history_lookup_policy": "CheckHistoryUptoExpiredRevoked",
      "parent": null,
      "description": "description updateddasdas",
      "name": "!000111cert_content",
      "paths": [
        {
          "learningModules": [
            {
              "is_reqd": true,
              "learningInterventions": [
```

```
                {
                  "is_reqd": false,
                  "owner_id": null,
                  "part_id": {
                    "id": "cours000000000017197",
                    "displayName": "course_con1"
                  },
                  "is_waiver": false,
                  "sequence": 1,
                  "id": "edupl000000000006512"
                },
                {
                  "is_reqd": false,
                  "owner_id": null,
                  "part_id": {
                    "id": "cours000000000017198",
                    "displayName": "course_con2"
                  },
                  "is_waiver": false,
                  "sequence": 2,
                  "id": "edupl000000000006513"
                },
                {
                  "is_reqd": false,
                  "owner_id": null,
                  "part_id": {
                    "id": "cours000000000037404",
                    "displayName": "Test for eq"
                  },
                  "is_waiver": false,
                  "sequence": 3,
                  "id": "edupl000000000011680"
                }
              ],
              "notes": null,
              "reqd_no_of_items": 2,
              "is_waiver": true,
              "track_id": null,
              "sequence": 1,
              "name": "!000111cert_content_p1_m1",
              "id": "cegrp000000000004930"
            }
          ],
          "isrecertification_track": false,
          "is_default_path": true,
          "is_path_recalculation_done": false,
          "name": "!000111cert_content_p123",
          "id": "track000000000004850"
        }
      ],
      "disp_learner": true,
      "disp_callcenter": true,
      "self_register": true,
      "featured": false,
      "valid_till": null,
      "notify_before": null,
      "vendor_id": null,
      "avl_from": "2014-10-27T00:00:00.000-0400",
      "disc_from": null,
      "createGroupPolicyVal": true,
      "target_days": 0,
      "learningevent_id": "00012706",
```

```
      "version": null,
      "group": {
        "id": "teams000000000010877",
        "displayName": "!000111cert_content"
      },
      "status": "INEFFECT",
      "customValues": {
        "custom9": null,
        "ExCustom4": null,
        "custom3": null,
        "custom4": null,
        "custom1": null,
        "custom2": null,
        "custom7": null,
        "custom8": null,
        "custom5": null,
        "custom6": null
      },
      "securityDomain": {
        "id": "domin000000000059758",
        "displayName": "Domain_IndiaQE"
      },
      "id": "crtfy000000000004464",
      "expiryType": "duration",
      "locale": {
        "id": "local000000000000001",
        "displayName": null
      },
      "recertifyDays": 0
    }
  ],
  "hasMoreResults": true,
  "itemsPerPage": 1,
  "totalResults": 1569
}
```


Note: The following attributes are only available when the value of 'expiryType' is 'dayOfMonth'. This is only available for certification:

- expiresOnDay
- expiresOnMonth
- expiresOnFrequency
- nextExpiryStartsOnDay
- nextExpiryStartsOnMonth

FIND DETAILS OF CERTIFICATION/CURRICULUM (Using POST - Range based search)

Overview

Returns the details of the Certification/Curriculum along with the ID, Name and the Deeplink URL based on the provided search criteria.

Requires OAuth

No

Method

POST

URL

https://<*hostname-api.sabacloud.com*>/v1/:componentName/searchQuery?count=:count&startPage=:startPage&includeDetails=:includeDetails

Calling Options

Table 30: Calling Options

Name	Description	Sample Value	Data Type	Required?
conditions	The search conditions. You can use any field with "isSearchFilter": true. **Note:** To find out the fields that have "is~ SearchFilter": true, in~ voke the "Get the Meta details" REST APIs. You can use search operators such as: • =gt= • =ge= • =lt= • =le= • =eq= • =ne=	[{"name": "name","operator": "==","value": "Blen~ dedcertveren_US"}]	string	Yes
componentName	The name of the desired component.	certification	enumerated ["certification", "cur~ riculum"]	Yes
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No
includeDetails	Returns the details of the Certification/Curriculum in the search.	true	string	No

Request Body

```
{
"conditions": [
{
 "name": "category_name",
 "operator": "==",
 "value": "000001FeaturedCatenglish"
}]}
```

Return Values


```
{
  "facets": [],
  "startIndex": 1,
  "results": [
    {
      "updated_on": "2016-02-02T00:00:00.000-0500",
      "created_by": "superuser",
      "updated_by": "UONE",
      "created_on": "2014-10-27T05:06:41.000-0400",
      "keywords": [
        {
          "id": "kywrd000000000006265",
          "displayName": "skill"
        },
        {
          "id": "kywrd000000000006263",
          "displayName": "course_keyword"
        },
        {
          "id": "kywrd000000000006264",
          "displayName": "k100"
        },
        {
          "id": "kywrd000000000006266",
          "displayName": "java"
        }
      ],
      "reAssignedTargetDays": 0,
      "deepLinkUrls": [

"https://<hostname>/Saba/Web_spf/ATHDB1/common/learningeventdetail/crtfy000000000004464"

      ],
      "past_credit_days": null,
      "history_lookup_policy": "CheckHistoryUptoExpiredRevoked",
      "parent": null,
      "description": "description updateddasdas",
      "name": "!000111cert_content",
      "paths": [
        {
          "learningModules": [
            {
              "is_reqd": true,
              "learningInterventions": [
                {
                  "is_reqd": false,
                  "owner_id": null,
                  "part_id": {
                    "id": "cours000000000017197",
                    "displayName": "course_con1"
                  },
                  "is_waiver": false,
                  "sequence": 1,
                  "id": "edupl000000000006512"
                },
                {
                  "is_reqd": false,
                  "owner_id": null,
                  "part_id": {
                    "id": "cours000000000017198",
                    "displayName": "course_con2"
```

```
                },
                "is_waiver": false,
                "sequence": 2,
                "id": "edupl000000000006513"
              },
              {
                "is_reqd": false,
                "owner_id": null,
                "part_id": {
                  "id": "cours000000000037404",
                  "displayName": "Test for eq"
                },
                "is_waiver": false,
                "sequence": 3,
                "id": "edupl000000000011680"
              }
            ],
            "notes": null,
            "reqd_no_of_items": 2,
            "is_waiver": true,
            "track_id": null,
            "sequence": 1,
            "name": "!000111cert_content_p1_m1",
            "id": "cegrp000000000004930"
          }
        ],
        "isrecertification_track": false,
        "is_default_path": true,
        "is_path_recalculation_done": false,
        "name": "!000111cert_content_p123",
        "id": "track000000000004850"
      }
    ],
    "disp_learner": true,
    "disp_callcenter": true,
    "self_register": true,
    "featured": false,
    "valid_till": null,
    "notify_before": null,
    "vendor_id": null,
    "avl_from": "2014-10-27T00:00:00.000-0400",
    "disc_from": null,
    "createGroupPolicyVal": true,
    "target_days": 0,
    "learningevent_id": "00012706",
    "version": null,
    "group": {
      "id": "teams000000000010877",
      "displayName": "!000111cert_content"
    },
    "status": "INEFFECT",
    "customValues": {
      "custom9": null,
      "ExCustom4": null,
      "custom3": null,
      "custom4": null,
      "custom1": null,
      "custom2": null,
      "custom7": null,
      "custom8": null,
      "custom5": null,
      "custom6": null
```

```
        },
        "securityDomain": {
          "id": "domin000000000059758",
          "displayName": "Domain_IndiaQE"
        },
        "id": "crtfy000000000004464",
        "expiryType": "duration",
        "locale": {
          "id": "local000000000000001",
          "displayName": null
        },
        "recertifyDays": 0
      }
    ],
    "hasMoreResults": true,
    "itemsPerPage": 1,
    "totalResults": 1569
}
```


Note: The following attributes are only available when the value of 'expiryType' is 'dayOfMonth'. This is only available for certification:

- expiresOnDay
- expiresOnMonth
- expiresOnFrequency
- nextExpiryStartsOnDay
- nextExpiryStartsOnMonth

Note: For more details on this see REST API Reference.

Use case

Additional fields make the APIs more usable.

Enrollment search APIs to support created_on field

How did it work?

The following REST APIs did not return the **created_on** field:

- SEARCH ENROLLMENTS BASED ON GIVEN CRITERIA
- SEARCH ENROLLMENTS BASED ON GIVEN CRITERIA (USING POST - RANGE BASED SEARCH)

How does it work now?

The following REST APIs now return the **created_on** field:

- SEARCH ENROLLMENTS BASED ON GIVEN CRITERIA
- SEARCH ENROLLMENTS BASED ON GIVEN CRITERIA (USING POST - RANGE BASED SEARCH)

SEARCH ENROLLMENTS BASED ON GIVEN CRITERIA

To search enrollments with details:

https://<*hostname-api.sabacloud.com*>/v1/learning/enroll/search

?q=(custom0%3D%3Dcustom0Val)&count=10&startPage=1&includeDetails=true

Return Values:


```
{
    "facets": [],
    "hasMoreResults": false,
    "totalResults": 1,
    "itemsPerPage": 10,
    "startIndex": 1
    "results": [
        {
            "class_id": {
                "id": "class000000000200443",
                "displayName": "CE04ILT04"
            },
            "student_id": {
                "id": "emplo000000000200099",
                "displayName": "Ajay Tripathi"
            },
            "status": "100",
            "offering_action_id": {
                "id": "ofapr000000000001400",
                "displayName": "00001382"
            },
            "delivery_id": {
                "id": "eqcat000000000000004",
                "displayName": "Instructor-Led"
            },
            "offering_temp_id": {
                "id": "cours000000000200446",
                "displayName": "CE04"
            },
            "created_on":"2016-06-22T08:45:24.000+0000",
            "elements_to_complete": 0,
            "reg_no": "00001385",
            "wlist_on": null,
            "wlist_priority": 5,
            "Max_Count": null,
            "Current_Count": null,
            "is_no_show": false,
            "is_walk_in": false,
            "customValues": {
                "custom9": null,
                "custom0": "custom0Val",
                "custom3": null,
                "custom4": null,
                "custom1": null,
                "custom2": null,
                "custom7": null,
                "custom8": null,
                "custom5": null,
                "custom6": null
            },
            "id": "regdw000000000001340"
        }
    ]
}
```


SEARCH ENROLLMENTS BASED ON GIVEN CRITERIA (USING POST - RANGE BASED SEARCH)

To search enrollments using the POST method:

https://<*hostname-api.sabacloud.com*>/v1/learning/enroll/search

?count=10&startPage=1&includeDetails=false

Request Body:

```
{
    "conditions":[
        {
            "name":"updated_on",
            "operator":"=gt=",
            "value":"2015-08-27T16:18:35.000+0530"
        },
        {
            "name":"updated_on",
            "operator":"=le=",
            "value":"2015-09-03T17:45:46.000+0530"
        }
    ]
}
```

Return Values:

```
{
    "facets": [],
    "hasMoreResults": false,
    "totalResults": 1,
    "itemsPerPage": 10,
    "startIndex": 1
    "results": [
        {
            "class_id": {
                "id": "class000000000200443",
                "displayName": "CE04ILT04"
            },
            "student_id": {
                "id": "emplo000000000200099",
                "displayName": "Ajay Tripathi"
            },
            "status": "100",
            "offering_action_id": {
                "id": "ofapr000000000001400",
                "displayName": "00001382"
            },
            "delivery_id": {
                "id": "eqcat000000000000004",
                "displayName": "Instructor-Led"
            },
            "offering_temp_id": {
                "id": "cours000000000200446",
                "displayName": "CE04"
            },
            "created_on":"2016-06-22T08:45:24.000+0000",
            "elements_to_complete": 0,
            "reg_no": "00001385",
            "wlist_on": null,
            "wlist_priority": 5,
            "Max_Count": null,
            "Current_Count": null,
            "is_no_show": false,
            "is_walk_in": false,
            "customValues": {
                "custom9": null,
                "custom0": "custom0Val",
                "custom3": null,
```

```
                 "custom4": null,
                 "custom1": null,
                 "custom2": null,
                 "custom7": null,
                 "custom8": null,
                 "custom5": null,
                 "custom6": null
             },
             "id": "regdw000000000001340"
         }
     ]
}
```


Note: For more details on this see REST API Reference.

Use case

N/A

Held learning APIs to return additional details

How did it work?

The following REST APIs did not return details like person_no, username of the learner, createdBy, updatedBy, createdOn, updatedOn, reassign, started_on, need_recert_cert:

- GET HELD CERTIFICATION/CURRICULUM DETAILS ALONG WITH ALL THE ACTIVITIES
- SEARCH CERTIFICATIONS/CURRICULA OF LOGGED IN USER
- SEARCH ALL THE CERTIFICATIONS/CURRICULA ASSIGNED TO A LEARNER BASED ON THE STATUS, TIMESTAMP

How does it work now?

The following REST APIs now return these additional details as part of the Response:

- GET HELD CERTIFICATION/CURRICULUM DETAILS ALONG WITH ALL THE ACTIVITIES
- SEARCH CERTIFICATIONS/CURRICULA OF LOGGED IN USER
- SEARCH ALL THE CERTIFICATIONS/CURRICULA ASSIGNED TO A LEARNER BASED ON THE STATUS, TIMESTAMP

GET HELD CERTIFICATION/CURRICULUM DETAILS ALONG WITH ALL THE ACTIVITIES

Overview

Gets held Certification/Curriculum details along with all the activities

Requires OAuth

No

Method

GET

URL

http://<*hostname-api.sabacloud.com*>/v1/learning/heldlearningevent/:heldCertId

Calling Options

Table 31: Calling Options

Name	Description	Sample Value	Data Type	Required?
heldCertId	Held Certification/Cur~ riculum's ID		string	Yes

Return Values

Certification:


```
{
  "percentcompleted": 0,
  "requirers": [
    {
      "required": true,
      "assignment": {
        "id": "stuce000000000392151",
        "displayName": null
      },
      "activityContext": null,
      "assignee": {
        "sourceType": "InternalPerson",
        "activitySourceType": {
          "sourceType": 0,
          "listId": "sysli000000000003037",
          "key": "0",
          "displayName": "Person"
        },
        "locale": {
          "id": "local000000000000001",
          "displayName": null
        },
        "id": "persn000000000233981",
        "displayName": "client 01"
      },
      "targetDate": 1473059249000,
      "learningEvent": {
        "id": "crtfy000000000010611",
        "displayName": "Test_Certification_123"
      },
      "jobTypeId": null,
      "listIds": null,
      "assignedOn": 1472022450000,
      "source": {
        "sourceType": "InternalPerson",
        "activitySourceType": {
          "sourceType": 0,
          "listId": "sysli000000000003037",
          "key": "0",
          "displayName": "Person"
        },
        "locale": {
          "id": "local000000000000001",
          "displayName": null
        },
        "id": "emplo000000000001000",
        "displayName": "Charles Foster"
      },
```

```
        "actions": null,
        "id": "certh000000003030707"
      }
    ],
    "basicdetail": {
      "updatedOn": 1472022451000,
      "createdBy": "superuser",
      "updatedBy": "superuser",
      "createdOn": 1472022450000,
      "person": {
        "sourceType": "InternalPerson",
        "activitySourceType": {
          "sourceType": 0,
          "listId": "sysli000000000003037",
          "key": "0",
          "displayName": "Person"
        },
        "locale": {
          "id": "local000000000000001",
          "displayName": null
        },
        "id": "persn000000000233981",
        "displayName": "client 01"
      },
      "certification_id": {
        "id": "crtfy000000000010611",
        "displayName": "Test_Certification_123"
      },
      "expired_on": null,
      "reassign": true,
      "inRecertification": false,
      "profileElementType": "InternalCert",
      "revoked_on": null,
      "need_recert_ot": false,
      "need_recert_eq": false,
      "recertificationType": [],
      "type": "CERTIFICATION",
      "path": {
        "id": "track000000000010508",
        "displayName": "Test_Path_1"
      },
      "status": {
        "intStatus": 400,
        "description": "Assigned",
        "key": "400",
        "displayName": "Assigned"
      },
      "id": "stuce000000000392151",
      "acquiredOn": null,
      "assignee": {
        "sourceType": "InternalPerson",
        "activitySourceType": {
          "sourceType": 0,
          "listId": "sysli000000000003037",
          "key": "0",
          "displayName": "Person"
        },
        "locale": {
          "id": "local000000000000001",
          "displayName": null
        },
        "id": "persn000000000233981",
```

```
        "displayName": "client 01"
      },
      "targetDate": 1473059249000,
      "need_recert": false,
      "startedOn": null,
      "assignedOnDate": 1472022450000,
      "recert_window_starts_on": null,
      "heldCertNo": "00448808  ",
      "owner": {
        "sourceType": "InternalPerson",
        "activitySourceType": {
          "sourceType": 0,
          "listId": "sysli000000000003037",
          "key": "0",
          "displayName": "Person"
        },
        "locale": {
          "id": "local000000000000001",
          "displayName": null
        },
        "id": "persn000000000233981",
        "displayName": "client 01"
      },
      "assigneeAdditionalDetails": {
        "person_no": "00010831",
        "username": "CONE01"
      },
      "need_recert_cert": false
    },
    "isgranted": null
  }
```


Curriculum:


```
{
  "percentcompleted": 0,
  "requirers": [
    {
      "required": true,
      "assignment": {
        "id": "stcur000000000043418",
        "displayName": null
      },
      "activityContext": null,
      "assignee": {
        "sourceType": "InternalPerson",
        "activitySourceType": {
          "sourceType": 0,
          "listId": "sysli000000000003037",
          "key": "0",
          "displayName": "Person"
        },
        "locale": {
          "id": "local000000000000001",
          "displayName": null
        },
        "id": "emplo000000000275911",
        "displayName": "Sean O'coner"
      },
      "targetDate": null,
      "learningEvent": {
        "id": "curra000000000001941",
```

```
        "displayName": "25 Curricula"
      },
      "jobTypeId": null,
      "listIds": null,
      "assignedOn": 1412037159000,
      "source": {
        "componentName": "Prescription Rule",
        "activitySourceType": {
          "sourceType": 3,
          "listId": "sysli000000000003037",
          "key": "3",
          "displayName": "Prescriptive Rule"
        },
        "primaryKey": {
          "prefix": "prule",
          "id": "prule000000000004647"
        },
        "locale": {
          "id": "local000000000000001",
          "displayName": null
        },
        "id": "prule000000000004647",
        "displayName": "u27"
      },
      "actions": null,
      "id": "currh000000001416138"
    }
  ],
  "basicdetail": {
    "updatedOn": 1445816994000,
    "createdBy": "bwillis@saba.com",
    "updatedBy": "admin",
    "createdOn": 1412037159000,
    "need_recert": false,
    "curriculum": {
      "id": "curra000000000001941",
      "displayName": "25 Curricula"
    },
    "recert_window_starts_on": null,
    "revokedOn": null,
    "type": "CURRICULUM",
    "path": null,
    "status": {
      "intStatus": 400,
      "description": "Assigned",
      "displayName": "Assigned"
    },
    "acquiredOn": null,
    "assignee": {
      "sourceType": "InternalPerson",
      "activitySourceType": {
        "sourceType": 0,
        "listId": "sysli000000000003037",
        "key": "0",
        "displayName": "Person"
      },
      "locale": {
        "id": "local000000000000001",
        "displayName": null
      },
      "id": "emplo000000000275911",
      "displayName": "Sean O'coner"
```

```
    },
    "targetDate": null,
    "startedOn": null,
    "assignedOnDate": 1412037159000,
    "heldCertNo": "00262446  ",
    "owner": {
      "sourceType": "InternalPerson",
      "activitySourceType": {
        "sourceType": 0,
        "listId": "sysli000000000003037",
        "key": "0",
        "displayName": "Person"
      },
      "locale": {
        "id": "local000000000000001",
        "displayName": null
      },
      "id": "emplo000000000275911",
      "displayName": "Sean O'coner"
    },
    "id": "stcur000000000043418",
    "assigneeAdditionalDetails": {
      "person_no": "00006160",
      "username": "O'CONER@GMAIL.COM"
    }
  },
  "isgranted": null
}
```


SEARCH CERTIFICATIONS/CURRICULA OF LOGGED IN USER

Overview

Searches for Certifications/Curricula of the logged in user

Requires OAuth

No

Method

GET

URL

http://<*hostname-api.sabacloud.com*>/v1/learning/heldlearningevent?type=:type&includeDetails=true

Calling Options

Table 32: Calling Options

Name	Description	Sample Value	Data Type	Required?
type	The desired component i.e. Certification or Curriculum.	certification	enumerated	Yes

Return Values

Certification:


```
{
  "facets": [],
  "startIndex": 1,
  "results": [
    {
      "percentcompleted": 0,
      "requirers": [
        {
          "required": true,
          "assignment": {
            "id": "stuce000000000266681",
            "displayName": null
          },
          "activityContext": null,
          "assignee": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "targetDate": 1442376060000,
          "learningEvent": {
            "id": "crtfy000000000002908",
            "displayName": "copy of cert print 321"
          },
          "jobTypeId": null,
          "listIds": null,
          "assignedOn": 1441684901000,
          "source": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "actions": null,
          "id": "certh000000001692593"
        }
      ],
      "basicdetail": {
        "updatedOn": 1444388162000,
        "createdBy": "admin",
```

```
        "updatedBy": "admin",
        "createdOn": 1441684901000,
        "person": {
          "sourceType": "InternalPerson",
          "activitySourceType": {
            "sourceType": 0,
            "listId": "sysli000000000003037",
            "key": "0",
            "displayName": "Person"
          },
          "locale": {
            "id": "local000000000000001",
            "displayName": null
          },
          "id": "emplo000000000001000",
          "displayName": "Charles Foster"
        },
        "certification_id": {
          "id": "crtfy000000000002908",
          "displayName": "copy of cert print 321"
        },
        "expired_on": null,
        "reassign": true,
        "inRecertification": false,
        "profileElementType": "InternalCert",
        "revoked_on": null,
        "recertificationType": [],
        "need_recert_ot": false,
        "need_recert_eq": false,
        "type": "CERTIFICATION",
        "path": {
          "id": "track000000000003397",
          "displayName": "Path1"
        },
        "status": {
          "intStatus": 600,
          "description": "Overdue",
          "key": "600",
          "displayName": "Overdue"
        },
        "id": "stuce000000000266681",
        "acquiredOn": null,
        "assignee": {
          "sourceType": "InternalPerson",
          "activitySourceType": {
            "sourceType": 0,
            "listId": "sysli000000000003037",
            "key": "0",
            "displayName": "Person"
          },
          "locale": {
            "id": "local000000000000001",
            "displayName": null
          },
          "id": "emplo000000000001000",
          "displayName": "Charles Foster"
        },
        "targetDate": 1442376060000,
        "need_recert": false,
        "startedOn": null,
        "assignedOnDate": 1441684901000,
        "recert_window_starts_on": null,
```

```
          "heldCertNo": "00289700  ",
          "owner": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "assigneeAdditionalDetails": {
            "person_no": "00001000",
            "username": "SUPERUSER"
          },
          "need_recert_cert": false
        },
        "isgranted": null
      },
      {
        "percentcompleted": 0,
        "requirers": [
          {
            "required": true,
            "assignment": {
              "id": "stuce000000000390011",
              "displayName": null
            },
            "activityContext": null,
            "assignee": {
              "sourceType": "InternalPerson",
              "activitySourceType": {
                "sourceType": 0,
                "listId": "sysli000000000003037",
                "key": "0",
                "displayName": "Person"
              },
              "locale": {
                "id": "local000000000000001",
                "displayName": null
              },
              "id": "emplo000000000001000",
              "displayName": "Charles Foster"
            },
            "targetDate": 1472045627000,
            "learningEvent": {
              "id": "crtfy000000000010331",
              "displayName": "amtest_certif_mandatoryflag"
            },
            "jobTypeId": null,
            "listIds": null,
            "assignedOn": 1469453627000,
            "source": {
              "componentName": "Prescription Rule",
              "activitySourceType": {
                "sourceType": 3,
                "listId": "sysli000000000003037",
```

```
              "key": "3",
              "displayName": "Prescriptive Rule"
            },
            "primaryKey": {
              "prefix": "prule",
              "id": "prule000000000011881"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "prule000000000011881",
            "displayName": "amtest_certif_mandatoryflag"
          },
          "actions": null,
          "id": "certh000000003020410"
        }
      ],
      "basicdetail": {
        "updatedOn": 1469453628000,
        "createdBy": "admin",
        "updatedBy": "admin",
        "createdOn": 1469453627000,
        "person": {
          "sourceType": "InternalPerson",
          "activitySourceType": {
            "sourceType": 0,
            "listId": "sysli000000000003037",
            "key": "0",
            "displayName": "Person"
          },
          "locale": {
            "id": "local000000000000001",
            "displayName": null
          },
          "id": "emplo000000000001000",
          "displayName": "Charles Foster"
        },
        "certification_id": {
          "id": "crtfy000000000010331",
          "displayName": "amtest_certif_mandatoryflag"
        },
        "expired_on": null,
        "reassign": true,
        "inRecertification": false,
        "profileElementType": "InternalCert",
        "revoked_on": null,
        "recertificationType": [],
        "need_recert_ot": false,
        "need_recert_eq": false,
        "type": "CERTIFICATION",
        "path": {
          "id": "track000000000010348",
          "displayName": "amtestpath1"
        },
        "status": {
          "intStatus": 400,
          "description": "Assigned",
          "key": "400",
          "displayName": "Assigned"
        },
        "id": "stuce000000000390011",
```

```
          "acquiredOn": null,
          "assignee": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            }
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "targetDate": 1472045627000,
          "need_recert": false,
          "startedOn": null,
          "assignedOnDate": 1469453627000,
          "recert_window_starts_on": null,
          "heldCertNo": "00447468  ",
          "owner": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "assigneeAdditionalDetails": {
            "person_no": "00001000",
            "username": "SUPERUSER"
          },
          "need_recert_cert": false
        },
        "isgranted": null
      }
    ],
    "hasMoreResults": true,
    "itemsPerPage": 2,
    "totalResults": 115
}
```


Curriculum:


```
{
    "facets": [],
    "startIndex": 1,
    "results": [
      {
        "percentcompleted": 100,
        "requirers": [
          {
            "required": true,
```

```
          "assignment": {
            "id": "stcur000000000044164",
            "displayName": null
          },
          "activityContext": null,
          "assignee": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "targetDate": 1413259200000,
          "learningEvent": {
            "id": "curra000000000002924",
            "displayName": "certemplateStory-Curriculum"
          },
          "jobTypeId": null,
          "listIds": null,
          "assignedOn": 1413270631000,
          "source": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "actions": null,
          "id": "currh000000001469537"
        }
      ],
      "basicdetail": {
        "updatedOn": 1413270631000,
        "createdBy": "superuser",
        "updatedBy": "superuser",
        "createdOn": 1413270631000,
        "need_recert": false,
        "curriculum": {
          "id": "curra000000000002924",
          "displayName": "certemplateStory-Curriculum"
        },
        "recert_window_starts_on": null,
        "revokedOn": null,
        "type": "CURRICULUM",
        "path": {
          "id": "track000000000004746",
```

```
          "displayName": "1"
        },
        "status": {
          "intStatus": 100,
          "description": "Acquired",
          "displayName": "Acquired"
        },
        "acquiredOn": 1413259200000,
        "assignee": {
          "sourceType": "InternalPerson",
          "activitySourceType": {
            "sourceType": 0,
            "listId": "sysli000000000003037",
            "key": "0",
            "displayName": "Person"
          },
          "locale": {
            "id": "local000000000000001",
            "displayName": null
          },
          "id": "emplo000000000001000",
          "displayName": "Charles Foster"
        },
        "targetDate": null,
        "startedOn": 1413259200000,
        "assignedOnDate": 1413270631000,
        "heldCertNo": "00267097  ",
        "owner": {
          "sourceType": "InternalPerson",
          "activitySourceType": {
            "sourceType": 0,
            "listId": "sysli000000000003037",
            "key": "0",
            "displayName": "Person"
          },
          "locale": {
            "id": "local000000000000001",
            "displayName": null
          },
          "id": "emplo000000000001000",
          "displayName": "Charles Foster"
        },
        "id": "stcur000000000044164",
        "assigneeAdditionalDetails": {
          "person_no": "00001000",
          "username": "SUPERUSER"
        }
      },
      "isgranted": null
    },
    {
      "percentcompleted": 0,
      "requirers": [
        {
          "required": true,
          "assignment": {
            "id": "stcur000000000028104",
            "displayName": null
          },
          "activityContext": null,
          "assignee": {
            "sourceType": "InternalPerson",
```

```
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "targetDate": 1409284800000,
          "learningEvent": {
            "id": "curra000000000002620",
            "displayName": "\"Curriculum - 1\""
          },
          "jobTypeId": null,
          "listIds": null,
          "assignedOn": 1407999097000,
          "source": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "actions": null,
          "id": "currh000000000855027"
        }
      ],
      "basicdetail": {
        "updatedOn": 1415694199000,
        "createdBy": "superuser",
        "updatedBy": "admin",
        "createdOn": 1407999097000,
        "need_recert": false,
        "curriculum": {
          "id": "curra000000000002620",
          "displayName": "\"Curriculum - 1\""
        },
        "recert_window_starts_on": null,
        "revokedOn": null,
        "type": "CURRICULUM",
        "path": {
          "id": "track000000000004289",
          "displayName": "1"
        },
        "status": {
          "intStatus": 600,
          "description": "Overdue",
          "displayName": "Overdue"
        },
```

```
          "acquiredOn": null,
          "assignee": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "targetDate": 1409284800000,
          "startedOn": null,
          "assignedOnDate": 1407999097000,
          "heldCertNo": "00206679  ",
          "owner": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "id": "stcur000000000028104",
          "assigneeAdditionalDetails": {
            "person_no": "00001000",
            "username": "SUPERUSER"
          }
        },
        "isgranted": null
      }
    ],
    "hasMoreResults": true,
    "itemsPerPage": 2,
    "totalResults": 36
}
```


SEARCH ALL THE CERTIFICATIONS/CURRICULA ASSIGNED TO A LEARNER BASED ON THE STATUS, TIMESTAMP

Overview

Searches for all the certifications assigned to a learner based on the status or timestamps.

Requires OAuth

No

Method

GET

URL

http://<*hostname-api.sabacloud.com*>/v1/learning/heldlearningevent?type=:type&q=(:criteria)&count=:count&startPage=:startPage

Calling Options

Table 33: Calling Options

Name	Description	Sample Value	Data Type	Required?
type	The desired component i.e. Certification or Curriculum.	certification	enumerated	Yes
criteria	The search criteria For CURRICULA the following are the possible **values** for the **status** criteria: • ACQUIRED : **100** • INPROGRESS : **200** • ASSIGNED : **400** • DISCONTINUED: **500** • OVERDUE : **600** • CANCELLED :**800** For CERTIFICATIONS the following are the possible **values** for the **status** criteria: • ACQUIRED : **100** • INPROGRESS : **200** • ASSIGNED : **400** • DISCONTINUED: **500** • OVERDUE : **600** • CANCELLED :**800** • EXPIRED : **300** • REVOKED : **700**	assignee%3D%3Demplo000000000001600, status%3D%3D600, created_on%3Dge%3D2002-01-29 01:29:32 AM, updated_on%3Dge%3D2002-01-29 01:29:32 AM	string	Yes
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No

Return Values

Certification:

```
{
  "facets": [],
  "startIndex": 1,
  "results": [
```

```
    {
      "percentcompleted": 0,
      "requirers": [
        {
          "required": true,
          "assignment": {
            "id": "stuce000000000266681",
            "displayName": null
          },
          "activityContext": null,
          "assignee": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "targetDate": 1442376060000,
          "learningEvent": {
            "id": "crtfy000000000002908",
            "displayName": "copy of cert print 321"
          },
          "jobTypeId": null,
          "listIds": null,
          "assignedOn": 1441684901000,
          "source": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "actions": null,
          "id": "certh000000001692593"
        }
      ],
      "basicdetail": {
        "updatedOn": 1444388162000,
        "createdBy": "admin",
        "updatedBy": "admin",
        "createdOn": 1441684901000,
        "person": {
          "sourceType": "InternalPerson",
          "activitySourceType": {
            "sourceType": 0,
            "listId": "sysli000000000003037",
```

```
          "key": "0",
          "displayName": "Person"
        },
        "locale": {
          "id": "local000000000000001",
          "displayName": null
        },
        "id": "emplo000000000001000",
        "displayName": "Charles Foster"
      },
      "certification_id": {
        "id": "crtfy000000000002908",
        "displayName": "copy of cert print 321"
      },
      "expired_on": null,
      "reassign": true,
      "inRecertification": false,
      "profileElementType": "InternalCert",
      "revoked_on": null,
      "recertificationType": [],
      "need_recert_ot": false,
      "need_recert_eq": false,
      "type": "CERTIFICATION",
      "path": {
        "id": "track000000000003397",
        "displayName": "Path1"
      },
      "status": {
        "intStatus": 600,
        "description": "Overdue",
        "key": "600",
        "displayName": "Overdue"
      },
      "id": "stuce000000000266681",
      "acquiredOn": null,
      "assignee": {
        "sourceType": "InternalPerson",
        "activitySourceType": {
          "sourceType": 0,
          "listId": "sysli000000000003037",
          "key": "0",
          "displayName": "Person"
        },
        "locale": {
          "id": "local000000000000001",
          "displayName": null
        },
        "id": "emplo000000000001000",
        "displayName": "Charles Foster"
      },
      "targetDate": 1442376060000,
      "need_recert": false,
      "startedOn": null,
      "assignedOnDate": 1441684901000,
      "recert_window_starts_on": null,
      "heldCertNo": "00289700  ",
      "owner": {
        "sourceType": "InternalPerson",
        "activitySourceType": {
          "sourceType": 0,
          "listId": "sysli000000000003037",
          "key": "0",
```

```
            "displayName": "Person"
          },
          "locale": {
            "id": "local000000000000001",
            "displayName": null
          },
          "id": "emplo000000000001000",
          "displayName": "Charles Foster"
        },
        "assigneeAdditionalDetails": {
          "person_no": "00001000",
          "username": "SUPERUSER"
        },
        "need_recert_cert": false
      },
      "isgranted": null
    },
    {
      "percentcompleted": 0,
      "requirers": [
        {
          "required": true,
          "assignment": {
            "id": "stuce000000000390011",
            "displayName": null
          },
          "activityContext": null,
          "assignee": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "targetDate": 1472045627000,
          "learningEvent": {
            "id": "crtfy000000000010331",
            "displayName": "amtest_certif_mandatoryflag"
          },
          "jobTypeId": null,
          "listIds": null,
          "assignedOn": 1469453627000,
          "source": {
            "componentName": "Prescription Rule",
            "activitySourceType": {
              "sourceType": 3,
              "listId": "sysli000000000003037",
              "key": "3",
              "displayName": "Prescriptive Rule"
            },
            "primaryKey": {
              "prefix": "prule",
              "id": "prule000000000011881"
            },
```

```
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "prule000000000011881",
            "displayName": "amtest_certif_mandatoryflag"
          },
          "actions": null,
          "id": "certh000000003020410"
        }
      ],
      "basicdetail": {
        "updatedOn": 1469453628000,
        "createdBy": "admin",
        "updatedBy": "admin",
        "createdOn": 1469453627000,
        "person": {
          "sourceType": "InternalPerson",
          "activitySourceType": {
            "sourceType": 0,
            "listId": "sysli000000000003037",
            "key": "0",
            "displayName": "Person"
          },
          "locale": {
            "id": "local000000000000001",
            "displayName": null
          },
          "id": "emplo000000000001000",
          "displayName": "Charles Foster"
        },
        "certification_id": {
          "id": "crtfy000000000010331",
          "displayName": "amtest_certif_mandatoryflag"
        },
        "expired_on": null,
        "reassign": true,
        "inRecertification": false,
        "profileElementType": "InternalCert",
        "revoked_on": null,
        "recertificationType": [],
        "need_recert_ot": false,
        "need_recert_eq": false,
        "type": "CERTIFICATION",
        "path": {
          "id": "track000000000010348",
          "displayName": "amtestpath1"
        },
        "status": {
          "intStatus": 400,
          "description": "Assigned",
          "key": "400",
          "displayName": "Assigned"
        },
        "id": "stuce000000000390011",
        "acquiredOn": null,
        "assignee": {
          "sourceType": "InternalPerson",
          "activitySourceType": {
            "sourceType": 0,
            "listId": "sysli000000000003037",
            "key": "0",
```

```
            "displayName": "Person"
          }
          "locale": {
            "id": "local000000000000001",
            "displayName": null
          },
          "id": "emplo000000000001000",
          "displayName": "Charles Foster"
        },
        "targetDate": 1472045627000,
        "need_recert": false,
        "startedOn": null,
        "assignedOnDate": 1469453627000,
        "recert_window_starts_on": null,
        "heldCertNo": "00447468  ",
        "owner": {
          "sourceType": "InternalPerson",
          "activitySourceType": {
            "sourceType": 0,
            "listId": "sysli000000000003037",
            "key": "0",
            "displayName": "Person"
          },
          "locale": {
            "id": "local000000000000001",
            "displayName": null
          },
          "id": "emplo000000000001000",
          "displayName": "Charles Foster"
        },
        "assigneeAdditionalDetails": {
          "person_no": "00001000",
          "username": "SUPERUSER"
        },
        "need_recert_cert": false
      },
      "isgranted": null
    }
  ],
  "hasMoreResults": true,
  "itemsPerPage": 2,
  "totalResults": 115
}
```


Curriculum:


```
{
  "facets": [],
  "startIndex": 1,
  "results": [
    {
      "percentcompleted": 100,
      "requirers": [
        {
          "required": true,
          "assignment": {
            "id": "stcur000000000044164",
            "displayName": null
          },
          "activityContext": null,
          "assignee": {
            "sourceType": "InternalPerson",
```

```
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "targetDate": 1413259200000,
          "learningEvent": {
            "id": "curra000000000002924",
            "displayName": "certemplateStory-Curriculum"
          },
          "jobTypeId": null,
          "listIds": null,
          "assignedOn": 1413270631000,
          "source": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "actions": null,
          "id": "currh000000001469537"
        }
      ],
      "basicdetail": {
        "updatedOn": 1413270631000,
        "createdBy": "superuser",
        "updatedBy": "superuser",
        "createdOn": 1413270631000,
        "need_recert": false,
        "curriculum": {
          "id": "curra000000000002924",
          "displayName": "certemplateStory-Curriculum"
        },
        "recert_window_starts_on": null,
        "revokedOn": null,
        "type": "CURRICULUM",
        "path": {
          "id": "track000000000004746",
          "displayName": "1"
        },
        "status": {
          "intStatus": 100,
          "description": "Acquired",
          "displayName": "Acquired"
        },
```

```
        "acquiredOn": 1413259200000,
        "assignee": {
          "sourceType": "InternalPerson",
          "activitySourceType": {
            "sourceType": 0,
            "listId": "sysli000000000003037",
            "key": "0",
            "displayName": "Person"
          },
          "locale": {
            "id": "local000000000000001",
            "displayName": null
          },
          "id": "emplo000000000001000",
          "displayName": "Charles Foster"
        },
        "targetDate": null,
        "startedOn": 1413259200000,
        "assignedOnDate": 1413270631000,
        "heldCertNo": "00267097  ",
        "owner": {
          "sourceType": "InternalPerson",
          "activitySourceType": {
            "sourceType": 0,
            "listId": "sysli000000000003037",
            "key": "0",
            "displayName": "Person"
          },
          "locale": {
            "id": "local000000000000001",
            "displayName": null
          },
          "id": "emplo000000000001000",
          "displayName": "Charles Foster"
        },
        "id": "stcur000000000044164",
        "assigneeAdditionalDetails": {
          "person_no": "00001000",
          "username": "SUPERUSER"
        }
      },
      "isgranted": null
    },
    {
      "percentcompleted": 0,
      "requirers": [
        {
          "required": true,
          "assignment": {
            "id": "stcur000000000028104",
            "displayName": null
          },
          "activityContext": null,
          "assignee": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
```

```
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "targetDate": 1409284800000,
          "learningEvent": {
            "id": "curra000000000002620",
            "displayName": "\"Curriculum - 1\""
          },
          "jobTypeId": null,
          "listIds": null,
          "assignedOn": 1407999097000,
          "source": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "actions": null,
          "id": "currh000000000855027"
        }
      ],
      "basicdetail": {
        "updatedOn": 1415694199000,
        "createdBy": "superuser",
        "updatedBy": "admin",
        "createdOn": 1407999097000,
        "need_recert": false,
        "curriculum": {
          "id": "curra000000000002620",
          "displayName": "\"Curriculum - 1\""
        },
        "recert_window_starts_on": null,
        "revokedOn": null,
        "type": "CURRICULUM",
        "path": {
          "id": "track000000000004289",
          "displayName": "1"
        },
        "status": {
          "intStatus": 600,
          "description": "Overdue",
          "displayName": "Overdue"
        },
        "acquiredOn": null,
        "assignee": {
          "sourceType": "InternalPerson",
          "activitySourceType": {
            "sourceType": 0,
            "listId": "sysli000000000003037",
            "key": "0",
```

```
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "targetDate": 1409284800000,
          "startedOn": null,
          "assignedOnDate": 1407999097000,
          "heldCertNo": "00206679  ",
          "owner": {
            "sourceType": "InternalPerson",
            "activitySourceType": {
              "sourceType": 0,
              "listId": "sysli000000000003037",
              "key": "0",
              "displayName": "Person"
            },
            "locale": {
              "id": "local000000000000001",
              "displayName": null
            },
            "id": "emplo000000000001000",
            "displayName": "Charles Foster"
          },
          "id": "stcur000000000028104",
          "assigneeAdditionalDetails": {
            "person_no": "00001000",
            "username": "SUPERUSER"
          }
        },
        "isgranted": null
      }
    ],
    "hasMoreResults": true,
    "itemsPerPage": 2,
    "totalResults": 36
}
```


Note: For more details on this see REST API Reference.

Use case

Additional fields make the APIs more usable. This also helps depicting the completion details of certifications accurately in external systems integrated with Saba.

New attribute added for the CREATE A NEW JOB REQUISITION API

How did it work?

The following REST API did not support capturing the regions where the job is supposed to be posted:

- CREATE A NEW JOB REQUISITION

How does it work now?

The following REST API now supports capturing the regions where the job is supposed to be posted:

- CREATE A NEW JOB REQUISITION

CREATE A NEW JOB REQUISITION

The following new attribute has been added to the API:

Calling Options

Table 34: Calling Options

Name	Description	Default Value	Data Type	Required?
regions	Regions	[{ "associate": {"id": "re~gio000000000000001"}, "associateType": "RE~GION"}]	string	No

Note: For more details on this see REST API Reference.

Use case

N/A

User-friendly IDs and lookup support for REST APIs

How did it work?

A few REST APIs only accepted internal IDs and didn't support lookup.

How does it work now?

The following REST APIs now provide support for user-friendly IDs and lookup.

Purchase Order

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- GET THE DETAILS OF A PARTICULAR PURCHASE ORDER
- UPDATE THE DETAILS OF A PURCHASE ORDER
- DELETE THE DETAILS OF A PARTICULAR PURCHASE ORDER

URL

https://<*hostname-api.sabacloud.com*>/v1/purchaseorder/:id

URL (User-friendly)

You can use a user-friendly URL which accepts the **po_no** instead of the internal PurchaseOrder's ID.

https://<*hostname-api.sabacloud.com*>/v1/purchaseorder/po_no%3D<*PurchaseOrderNo*>

The lookup support is now available for the following REST APIs:

1. CREATE A NEW PURCHASE ORDER
2. UPDATE THE DETAILS OF A PURCHASE ORDER

JSON Attribute	UI Attribute	Component Name

organization	Organization number / Organization name	Organization, External
currency_id	ISO code of currency	Currency
contact_id	Username of Person	Person, External
securityDomain	Domain name	Domain

Categories

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- GET THE DETAILS OF A PARTICULAR CATEGORY
- REMOVE A CATEGORY

URL

https://<*hostname-api.sabacloud.com*>/v1/learning/category/:id

URL (User-friendly)

You can use a user-friendly URL which accepts the **name** instead of the internal Category's ID.

https://<*hostname-api.sabacloud.com*>/v1/learning/category/name%3D<*CategoryName*>

The lookup support is now available for the following REST APIs:

1. CREATE A NEW CATEGORY
2. UPDATE CATEGORY

JSON Attribute	**UI Attribute**	**Component Name**
language	Language	Language
parentCategory	Category Name	Category
Owner	Username of Person	Person, Internal/ Person, External
split	Domain name	Domain
atList	Audience Type Name	Audience Type
roles	Share with	Person / Team **Note:** Lookup will be performed in following priority: 1. Person 2. Team

Certification

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- GET DETAILS OF A CERTIFICATION

URL

https://<*hostname-api.sabacloud.com*>/v1/certification/:certId

URL (User-friendly)

You can use a user-friendly URL which accepts the **name** instead of the internal Certification's ID.

https://<*hostname-api.sabacloud.com*>/v1/certification/name%3D<*CertificationName*>

Note: If there are multiple records for the name, the following error message will indicate the same:

(120592) More than 1 record found for provided value 'SomeCertificate'

The lookup support is now available for the following REST APIs:

1. CREATE A NEW CERTIFICATION
2. UPDATE THE DETAILS OF A CERTIFICATION

JSON Attribute	UI Attribute	Component Name
securityDomain	Domain name	Domain
vendor_id	Vendor	Organization, External
parent	Certification	Certification

Curriculum

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- GET DETAILS OF A CURRICULUM
- UPDATE DETAILS OF A CURRICULUM

URL

https://<*hostname-api.sabacloud.com*>/v1/curriculum/:currId

URL (User-friendly)

You can use a user-friendly URL which accepts the **name** instead of the internal Curriculum's ID.

https://<*hostname-api.sabacloud.com*>/v1/curriculum/name%3D<*CurriculumName*>

Note: If there are multiple records for the name, the following error message will indicate the same:

(120592) More than 1 record found for provided value 'SomeCurriculum'

The lookup support is now available for the following REST APIs:

1. CREATE A NEW CURRICULUM
2. UPDATE DETAILS OF A CURRICULUM

JSON Attribute	UI Attribute	Component Name
securityDomain	Domain name	Domain
vendor_id	Vendor	Organization, External
parent	Certification	Certification

Course

The lookup support is now available for the following REST APIs:

1. CREATE A NEW COURSE
2. UPDATE DETAILS OF A COURSE

JSON Attribute	UI Attribute	Component Name
securityDomain	Domain name	Domain
vendor_id	Vendor	Organization, External
Field_of_study	Field Of Study	FieldOfStudy
required_prerequisites	Catalog Prerequisites	Course
Csr_id	Customer Service Representative	Person, Internal
Recommended_prerequisites	Catalog Prerequisites	Course
audienceType	Audience Type / Audience Sub Type	Audience Type
allPrices	Price	Currency

Class

The lookup support is now available for the following REST APIs:

1. CREATE A NEW BLENDED CLASS
2. CREATE A NEW ILT CLASS
3. CREATE A NEW VIRTUAL CLASS
4. CREATE A NEW WBT CLASS
5. UPDATE A BLENDED CLASS
6. UPDATE A ILT CLASS
7. UPDATE A WBTCLASS
8. UPDATE A VIRTUAL CLASS

JSON Attribute	UI Attribute	Component Name
securityDomain	Domain name	Domain
vendor_id	Vendor	Organization, External
Csr_id	Customer Service Representative	Person, Internal
audienceType	Audience Type / Audience Sub Type	Audience Type
Delivery_id	Delivery Type	Category Definition
Language_id / Language	Language	Language
Location_id / Location	Location	Location
Facility_id / Facility	Facility	Facility

Session_template	Session Template	Session Template
Manufacturer_id	Manufacturer	Organization, External

Currency Exchange Rate

The lookup support is now available for the following REST APIs:

1. CREATE A NEW EXCHANGE RATE
2. UPDATE DETAILS OF A EXCHANGE RATE

JSON Attribute	UI Attribute	Component Name
Src_id	From	Currency
Dest_id	To	Currency

Delivery mode

The lookup support is now available for the following REST APIs:

1. CREATE A NEW DELIVERY MODE
2. UPDATE DETAILS OF A DELIVERY MODE
3. GET DETAILS OF A PARTICULAR DELIVERY MODE

URL

https://<*hostname-api.sabacloud.com*>/v1/deliverymode/:id

URL (User-friendly)

You can use a user-friendly URL which accepts the **acronym** instead of the internal Delivery Mode's ID.

https://<*hostname-api.sabacloud.com*>/v1/deliverymode/acronym%3D<*Acronym*>

JSON Attribute	UI Attribute	Component Name	Data Type	Required
securityDomain	Domain name	Domain	Object	Yes
vendor_id	Vendor	Organization, External	Object	No
Csr_id	Customer Service Representative	Person, Internal	Object	No
Delivery_id	Delivery Type	Category Definition	Object	Yes
offer_temp_id	Course	Course	Object	Yes

Session Template

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- GET DETAILS OF A PARTICULAR TRAINING UNIT AGREEMENT

URL

https://<*hostname-api.sabacloud.com*>/v1/sessiontemplate/:id

URL (User-friendly)

You can use a user-friendly URL which accepts the **agreement_no** instead of the internal TrainingUnitAgreement's ID.

https://<*hostname-api.sabacloud.com*>/v1/sessiontemplate/name=<*SessionTemplateName*>

Note: The SessionTemplate API does not contain a body attribute which can hold the ID and hence lookup is not required in the Request body.

Training Unit

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- GET DETAILS OF A PARTICULAR TRAINING UNIT
- UPDATE DETAILS OF A TRAINING UNIT
- DELETE A PARTICULAR TRAINING UNIT

URL

https://<*hostname-api.sabacloud.com*>/v1/trainingunit/:id

URL (User-friendly)

You can use a user-friendly URL which accepts the **name** instead of the internal Training Unit's ID.

https://<*hostname-api.sabacloud.com*>/v1/trainingunit/name%3D<*TrainingUnitsName*>

The lookup support is now available for the following REST APIs:

1. CREATE A NEW TRAINING UNIT
2. UPDATE DETAILS OF A TRAINING UNIT

JSON Attribute	UI Attribute	Component Name
priceList.curr_id	Currency	Currency
securityDomain	Sercurity Domain	Domain

Training Unit Agreement

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- GET DETAILS OF A PARTICULAR TRAINING UNIT AGREEMENT
- UPDATE DETAILS OF A TRAINING UNIT AGREEMENT

URL

https://<*hostname-api.sabacloud.com*>/v1/tuagreement/:id

URL (User-friendly)

You can use a user-friendly URL which accepts the **agreement_no** instead of the internal TrainingUnitAgreement's ID.

https://<*hostname-api.sabacloud.com*>/v1/tuagreement/agreement_no%3D<*TrainingUnitAgreementsNo*>

The lookup support is now available for the following REST APIs:

1. CREATE A NEW TRAINING UNIT AGREEMENT
2. UPDATE DETAILS OF A TRAINING UNIT AGREEMENT

JSON Attribute	UI Attribute	Component Name
owner_Id	Organisation	Organization, External

order_contact	Order_contact	Person
trainingunit_id	Training Unit	Training Unit
currency	Currency	Currency

Currency

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- GET DETAILS OF A PARTICULAR CURRENCY

URL

https://<*hostname-api.sabacloud.com*>/v1/currency/:id:(:searchFields)

URL (User-friendly)

You can use a user-friendly URL which accepts the **iso_code** instead of the internal Currency's ID.

https://<*hostname-api.sabacloud.com*>/v1/currency/iso_code%3D<*ISOCode*>

Timezone

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- GET DETAILS OF A PARTICULAR TIMEZONE

URL

https://<*hostname-api.sabacloud.com*>/v1/timezone/:id:(:searchFields)

URL (User-friendly)

You can use a user-friendly URL which accepts the **name** instead of the internal Timezone's ID.

https://<*hostname-api.sabacloud.com*>/v1/tuagreement/name%3D<*TimeZoneName*>

Example: https://<hostname-api.sabacloud.com>/v1/timezone/name=(GMT-12:00)%20Eniwektok,%20Kwajalein

Audience Type

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- GET DETAILS OF A PARTICULAR AUDIENCE TYPE
- UPDATE DETAILS OF AN AUDIENCE TYPE

URL

https://<*hostname-api.sabacloud.com*>/v1/audiencetype/:id

URL (User-friendly)

You can use a user-friendly URL which accepts the **name** instead of the internal Audience Type's ID.

https://<*hostname-api.sabacloud.com*>/v1/audiencetype/name%3D<*AudienceTypesName*>

The lookup support is now available for the following REST APIs:

1. CREATE A NEW AUDIENCE TYPE
2. UPDATE DETAILS OF AN AUDIENCE TYPE

JSON Attribute	UI Attribute	Component Name

securityDomain	Domain name	Domain

Security Domain

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- GET DETAILS OF A PARTICULAR SECURITY DOMAIN

URL

https://<*hostname-api.sabacloud.com*>/v1/domain/:id:(:searchFields)

URL (User-friendly)

You can use a user-friendly URL which accepts the **name** instead of the internal Domain's ID.

https://<*hostname-api.sabacloud.com*>/v1/domain/name%3D<*DomainsName*>

Transcripts

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- GET DETAILS OF TRANSCRIPT
- UPDATE CUSTOM FIELDS OF A TRANSCRIPT
- DELETE A TRANSCRIPT

URL

https://<*hostname-api.sabacloud.com*>/v1/transcripts/:transcriptId

URL (User-friendly)

You can use a user-friendly URL which accepts the **action_no** instead of the internal Transcript's ID.

https://<*hostname-api.sabacloud.com*>/v1/transcripts/action_no%3D<*TranscriptsActionNo*>

The lookup support is now available for the following REST APIs:

1. CREATE A NEW TRANSCRIPT
2. UPDATE A TRANSCRIPT

JSON Attribute	UI Attribute	Component Name
transcriptId	Action No	Transcript
learners	Learner	Person ,External
Location	Location	Location
Competencies	Competencies	CompetencyProfile
Fos	Field Of Study	Field Of Study
deliveryType	Delivery Type	Category Definition

Enrollment

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- GET DETAILS OF AN ENROLLMENT

URL

https://<*hostname-api.sabacloud.com*>/v1/enrollments/:id/sections:regdetail,classdetail,actions,sessionsdetail,learningAssignments,lessonDetail

URL (User-friendly)

You can use a user-friendly URL which accepts the **reg_no** instead of the internal Registration's ID.

https://<*hostname-api.sabacloud.com*>/v1/enrollments/reg_no%3D<*RegistrationNo*>

/sections:regdetail,classdetail,actions,sessionsdetail,learningAssignments,lessonDetail

The lookup support is now available for the following REST APIs:

1. CREATE A NEW ENROLLMENT (Self registration)
2. ENROLL FOR OTHER USERS/SELF
3. ENROLL FOR OTHER USERS/SELF WITH PAYMENT
4. MARK AN ENROLLMENT COMPLETE

JSON Attribute	UI Attribute	Component Name
learnerId	Learner	Person
deliveryId	Delivery Type	Category Definition
offeringId	Offering	Offering
currencyId	Currency	Currency
orderContact	Order Contact	Person
regId	Registration No	Registration Item

Attachment

These REST APIs now also accept user-friendly IDs in addition to the internal IDs.

- FIND ALL PUBLIC/PRIVATE ATTACHMENTS
- FIND ALL ATTACHMENTS

URL

https://<*hostname-api.sabacloud.com*>/v1/attachments?ownerId=:ownerId

URL (User-friendly)

You can use a user-friendly URL which accepts the **location** instead of the internal Owner's ID.

https://<*hostname-api.sabacloud.com*>/v1/attachments/?ownerName=location&ownerId=:ownerId

The lookup support is now available for the following REST APIs:

1. CREATE A NEW ATTACHMENT (FILE)
2. CREATE A NEW ATTACHMENT (URL)
3. UPDATE AN ATTACHMENT

   Lookup is supported for following type of owners:

   - location
   - facility
   - room

- equipment
- inventory
- purchaseOrder
- package
- deliveryMode

Note: When using a lookup value in a URL, any special characters must be URL-encoded.

Multiple records for the same lookup will result in an error.

Note: For more details on this see REST API Reference.

Use case

Many attributes are identified by internal IDs. The developer first needs to GET the internal ID before using it as an attribute. This enhancement makes the REST APIs more user friendly by now accepting user-friendly IDs in addition to the internal IDs.

New attribute added for the CREATE A NEW VIRTUAL CLASS API

How did it work?

The following REST API did not return the VLE information:

- CREATE A NEW VIRTUAL CLASS

How does it work now?

The following REST API now returns the VLE information as part of the **Return Values** in a new attribute called **vleInfoDetail**:

- CREATE A NEW VIRTUAL CLASS

CREATE A NEW VIRTUAL CLASS

Overview

Creates a new Virtual Class Class.

Requires OAuth

No

Method

POST

URL

https://<*hostname-api.sabacloud.com*>/v1/offering

Return Values


```
{
    "@type": "com.saba.learning.services.offering.OfferingDetail",
    "abstract": "",
    "endDate": {
        "@type": "com.saba.customtypes.DateWithLocale",
        "timeInLocale": "5:00 AM",
        "dateInUserTimeZone": "11/15/13",
        "timeInUserTimeZone": "3:30 PM",
        "date": 1384509600000,
        "locale": "11/15/13"
    },
    "startDate": {
        "@type": "com.saba.customtypes.DateWithLocale",
        "timeInLocale": "5:00 AM",
        "dateInUserTimeZone": "11/15/13",
        "timeInUserTimeZone": "3:30 PM",
        "date": 1384509600000,
        "locale": "11/15/13"
    },
    "customValues": [
        "list",
        []
    ],
    "securityDomain": {
        "@type": "ServiceObjectReference",
        "id": "domin000000000000001",
        "displayName": "world"
    },
    "price": {
        "@type": "com.saba.learning.services.common.Money",
        "amount": [
            "java.math.BigDecimal",
            0
        ],
        "isocode": "USD",
        "amountString": "0 USD",
        "currency": {
            "@type": "ServiceObjectReference",
            "id": "crncy000000000000167",
            "displayName": null
        }
    },
    "baseDeliveryType": 100,
    "deliveryType": {
        "@type": "ServiceObjectReference",
        "id": "eqcat000000000000008",
        "displayName": "Virtual Classroom"
    },
    "offeringTemplate": {
        "@type": "ServiceObjectReference",
        "id": "cours000000000006618",
        "displayName": "testCouse"
    },
    "availableSeats": -1,
    "offeringNumber": "VVVVVVVV",
    "sessionTemplate": "ses_222",
    "trainingUnits": 25,
    "locationDetail": {
        "@type": "com.saba.learning.services.resource.LocationDetail",
        "addressInfo": {
            "@type": "com.saba.learning.services.common.AddressDetail",
```

```
            "addressLine2": "abc",
            "addressLine3": null,
            "addressLine1": "",
            "city": "",
            "zipCode": "",
            "state": "",
            "country": "India"
        },
        "locationContact": null,
        "timezone": {
            "@type": "ServiceObjectReference",
            "id": "tzone000000000000012",
            "displayName": "(GMT-05:00) Eastern Time (US & Canada)"
        },
        "attachments": [
            "list",
            []
        ],
        "contactInfo": {
            "@type": "com.saba.learning.services.common.ContactDetail",
            "primaryPhone": "",
            "secondaryPhone": "",
            "email": "",
            "fax": ""
        },
        "locationId": "LOCANUMBER",
        "locationName": "Locationname",
        "organization": null
    },
    "dif": false,
    "availabilityDetails": {
        "@type":
"com.saba.learning.services.offering.OfferingDetail$OfferingRegistrationAvailabilityDetailsSection",

        "offeringPrice": {
            "@type": "com.saba.learning.services.common.Money",
            "amount": [
                "java.math.BigDecimal",
                0
            ],
            "isocode": "USD",
            "amountString": "0 USD",
            "currency": {
                "@type": "ServiceObjectReference",
                "id": "crncy000000000000167",
                "displayName": null
            }
        },
        "offeringPriceDisplay": "0 USD",
        "availableSeats": -1
    },
    "offeringlocked": false,
    "delivery_id": {
        "@type": "ServiceObjectReference",
        "id": "eqcat000000000000008",
        "displayName": "Virtual Classroom"
    },
    "location_id": {
        "@type": "ServiceObjectReference",
        "id": "locat000000000001202",
        "displayName": "Locationname"
    },
```

```
    "max_ct": 20,
    "max_book": 20,
    "min_ct": 5,
    "csr_id": null,
    "session_template": "ses_222",
    "language_id": {
        "@type": "ServiceObjectReference",
        "id": "lange000000000000001",
        "displayName": "English"
    },
    "disp_for_web": true,
    "disp_for_call_center": false,
    "facility_id": null,
    "vendor_id": null,
    "open_enroll": null,
    "open_enroll_for_all": null,
    "enroll_close": null,
    "post_order": null,
    "post_completion": null,
    "stop_auto_promotion": null,
    "vleInfo": null,
    "vleInfoDetail": {
        "@type": "map",
        "vleProvider": {
         "@type": "map",
         "displayname": "Saba Classroom",
         "id": "vlesp000000000001000"
        },
       "audioOptions":"voipAndTelephone",
       "teleconfCallNumber":"1800100200",
       "isLiveVideo":true,
       "isRecordVideo":true,
       "alternateTeleConfCallNumber":"1800100201",
       "teleConfHostCode":"123456",
       "teleconfAccessCode":"8324567",
       "welcomeUrl":"www.sabacloud.com",
       "logoutUrl":"www.saba.com"
       "meetingTemplate":"test adobe template",
       "additionalSeats":0,
       "guestAttendUrl":"www.google.com"
},
    "do_not_drop_post": null,
    "start_date": {
        "@type": "com.saba.customtypes.DateWithLocale",
        "timeInLocale": "5:00 AM",
        "dateInUserTimeZone": "11/15/13",
        "timeInUserTimeZone": "3:30 PM",
        "date": 1384509600000,
        "locale": "11/15/13"
    },
    "avail_from": null,
    "disc_from": null,
    "skip_days_map": "0000000",
    "learningAssignments": null,
    "offering_temp_id": {
        "@type": "ServiceObjectReference",
        "id": "cours000000000006618",
        "displayName": "testCouse"
    },
    "wbt_no": "VVVVVVVV",
    "class_no": "VVVVVVVV",
    "diffHours": 0,
```

```
    "endDateI18n": "11/15/13",
    "startDateI18n": "11/15/13",
    "priceDisplayString": "0 USD",
    "dropPolicyInfo": {
        "@type": "com.saba.learning.services.catalog.DropPolicyInfo",
        "trainingUnitDropPolicyInfo": null,
        "allEffectivePolicies": [
            "list",
            [
                {
                    "@type":
"com.saba.learning.services.catalog.DropPolicyDetail",
                    "chargeType": 1,
                    "daysTo": 22,
                    "daysFrom": 18,
                    "charge": 25,
                   "displayString": "Cancellation charge of 25.0 % if dropped
 between 10/24/13 and 10/28/13.",
                    "currency": {
                        "@type": "ServiceObjectReference",
                        "id": "crncy000000000000167",
                        "displayName": null
                    }
                },
                {
                    "@type":
"com.saba.learning.services.catalog.DropPolicyDetail",
                    "chargeType": 1,
                    "daysTo": 17,
                    "daysFrom": 13,
                    "charge": 20,
                   "displayString": "Cancellation charge of 20.0 % if dropped
 between 10/29/13 and 11/02/13.",
                    "currency": {
                        "@type": "ServiceObjectReference",
                        "id": "crncy000000000000167",
                        "displayName": null
                    }
                },
                {
                    "@type":
"com.saba.learning.services.catalog.DropPolicyDetail",
                    "chargeType": 1,
                    "daysTo": 12,
                    "daysFrom": 8,
                    "charge": 15,
                   "displayString": "Cancellation charge of 15.0 % if dropped
 between 11/03/13 and 11/07/13.",
                    "currency": {
                        "@type": "ServiceObjectReference",
                        "id": "crncy000000000000167",
                        "displayName": null
                    }
                },
                {
                    "@type":
"com.saba.learning.services.catalog.DropPolicyDetail",
                    "chargeType": 1,
                    "daysTo": 7,
                    "daysFrom": 3,
                    "charge": 10,
                   "displayString": "Cancellation charge of 10.0 % if dropped
```

```
 between 11/08/13 and 11/12/13.",
                    "currency": {
                        "@type": "ServiceObjectReference",
                        "id": "crncy000000000000167",
                        "displayName": null
                    }
                },
                {
                    "@type":
"com.saba.learning.services.catalog.DropPolicyDetail",
                    "chargeType": 1,
                    "daysTo": 2,
                    "daysFrom": 0,
                    "charge": 5,
                    "displayString": "Cancellation charge of 5.0 % if dropped
 between 11/13/13 and 11/15/13.",
                    "currency": {
                        "@type": "ServiceObjectReference",
                        "id": "crncy000000000000167",
                        "displayName": null
                    }
                },
                {
                    "@type":
"com.saba.learning.services.catalog.DropPolicyDetail",
                    "chargeType": 1,
                    "daysTo": 99999,
                    "daysFrom": -99999,
                    "charge": 45.5,
                    "displayString": "Cancellation charge of 45.5 % for all
other days.",
                    "currency": {
                        "@type": "ServiceObjectReference",
                        "id": "crncy000000000000167",
                        "displayName": null
                    }
                }
            ]
        ],
        "lastDateToDropWithoutCharge": null
    },
    "courseVersion": null,
    "customFields": {
        "@type": "map"
    },
    "durationString": "00:00",
    "offering_temp_no": null,
    "publishStartDate": null,
    "publishEndDate": null,
    "publishStatus": null,
    "publishStatusMessage": null,
    "name": "testCouse",
    "language": {
        "@type": "ServiceObjectReference",
        "id": "lange000000000000001",
        "displayName": "English"
    },
    "location": {
        "@type": "ServiceObjectReference",
        "id": "locat000000000001202",
        "displayName": "Locationname"
    },
```

```
    "resources": [
        "list",
        []
    ],
    "id": "virtc000000000002908",
    "description": "desc",
    "duration": 0
}
```

Note: For more details on this see REST API Reference.

Use case

N/A

New attribute added for the Subscription APIs

How did it work?

The following REST API did not support capturing the group creation flag:

- CREATE A NEW SUBSCRIPTION

How does it work now?

The following REST API now supports capturing the group creation flag:

- CREATE A NEW SUBSCRIPTION

CREATE A NEW SUBSCRIPTION

The following new attribute has been added to the API:

Calling Options

Table 35: Calling Options

Name	Description	Sample Value	Data Type	Required?
create_group	Whether to create a group. Accepts: true/false		string	No

The **GET DETAILS OF A PARTICULAR SUBSCRIPTION** API now returns this new attribute as part of the **Return Values**.

GET DETAILS OF A PARTICULAR SUBSCRIPTION

Return Values

```
{
   description:null,
   avail_from:"2014-12-26T00:00:00.000+0530",
   disc_from:null,
   title:"Subscription 8",
   avail_web:true,
   allPrices:[
```

```
      {
         amount:10,
         curr_id:{
            id:"crncy000000000000001",
            displayName:"US Dollars"
         },
         displayValue:null,
         id:"plent000000000203956"
      },
      {
         amount:12.3,
         curr_id:{
            id:"crncy000000000001005",
            displayName:"Currency1"
         },
         displayValue:null,
         id:"plent000000000203957"
      },
      {
         amount:8.2,
         curr_id:{
            id:"crncy000000000001006",
            displayName:"Currency2"
         },
         displayValue:null,
         id:"plent000000000203958"
      },
      {
         amount:20,
         curr_id:{
            id:"crncy000000000200968",
            displayName:"Rupees"
         },
         displayValue:null,
         id:"plent000000000203959"
      }
   ],
   training_units:0,
   updated_by:"uone",
   updated_on:"2014-12-26T17:10:28.000+0530",
   created_by:"uone",
   avail_call_center:true,
   grace_period:null,
   cost_limit:0,
   before_expiry:0,
   is_featured:true,
   allAudienceTypes:[

   ],
   reg_limit:null,
   subscription_no:"00001025",
   entire_catalog:false,
   allSubscriptionItems:[
      {
         type:{
            value:300
         },
         subscription:{
            id:"sbscr000000000001045",
            displayName:"Subscription 8"
         },
         criteria:false,
```

```
            componentName:"SubscriptionItemChoice",
            subscriptionItem:{
               id:"dowbt000000000001591",
               displayName:"#12"
            }
         },
         {
            type:{
               value:300
            },
            subscription:{
               id:"sbscr000000000001045",
               displayName:"Subscription 8"
            },
            criteria:false,
            componentName:"SubscriptionItemChoice",
            subscriptionItem:{
               id:"dowbt000000000001592",
               displayName:"#12#12"
            }
         }
      ],
      allCostLimits:[

      ],
      days_limit:0,
      create_group:false,
      id:"sbscr000000000001045",
      customValues:{
         custom9:null,
         custom0:null,
         custom3:null,
         custom4:null,
         custom1:null,
         custom2:null,
         custom7:null,
         custom8:null,
         custom5:null,
         custom6:null
      },
      securityDomain:{
         id:"domin000000000000001",
         displayName:"world"
      }
}
```


Note: For more details on this see REST API Reference.

Use case

N/A

New REST APIs

API to retrieve completion detail of the learning event

How did it work?

Using REST API there was no way to determine whether elements of a certification were completed directly or by completing an equivalent.

How does it work now?

The following new REST API will now allow retrieving completion details of the learning event:

GET COMPLETION DETAILS OF THE LEARNING EVENT

Overview

Gets completion details of the learning event.

Note: This API is applicable for both certification as well as curriculum.

Requires OAuth

No

Method

GET

URL

http://<*hostname-api.sabacloud.com*>/v1/learning/heldlearningevent/:heldCertId/:pathId/sections:(:searchFields)

Calling Options

Table 36: Calling Options

Name	Description	Sample Value	Data Type	Required?
heldCertId	Held Certification/Cur~riculum activity ID	stuce000000000202608	string	Yes
pathId	Path ID	track000000000201083	string	Yes
searchFields	Completion Detail of the learning event	completiondetail	string	Yes

Return Values


```
{
  "owner": {
    "id": "emplo000000000201487",
    "displayName": "smu 11"
  },
  "percentCompleted": 100,
  "acquiredOn": "2016/07/31T18:30:00UTC",
  "revoked_on": null,
  "assignedOnDate": "2016/08/01T08:17:05UTC",
  "type": "CERTIFICATION",
  "certification": {
    "id": "crtfy000000000200920",
    "displayName": "Certification_U36_1"
  },
  "path": {
```

```
    "percentCompleted": 100,
    "learningModules": [
      {
        "is_reqd": true,
        "sequence": 1,
        "learningInterventions": [
          {
            "sequence": 1,
            "id": "edupl000000000201332",
            "part_id": {
              "id": "cours000000000200810",
              "displayName": "1ab"
            },
            "type": "COURSE",
            "is_completion_by_equivalent": true,
            "is_completed": true
          },
          {
            "sequence": 2,
            "id": "edupl000000000201333",
            "part_id": {
              "id": "cours000000000200811",
              "displayName": "21ab"
            },
            "type": "COURSE",
            "is_completion_by_equivalent": false,
            "is_completed": false
          },
          {
            "sequence": 3,
            "id": "edupl000000000201334",
            "part_id": {
              "id": "cours000000000202186",
              "displayName": "a2"
            },
            "type": "COURSE",
            "is_completion_by_equivalent": false,
            "is_completed": false
          },
          {
            "sequence": 4,
            "id": "edupl000000000201335",
            "part_id": {
              "id": "crtfy000000000200492",
              "displayName": "bd33"
            },
            "type": "CERTIFICATION",
            "status": {
              "intStatus": 100,
              "description": "Acquired"
            }
          },
          {
            "sequence": 5,
            "id": "edupl000000000201336",
            "part_id": {
              "id": "crtfy000000000200494",
              "displayName": "bd35"
            },
            "type": "CERTIFICATION",
            "status": {
              "intStatus": null,
```

```
              "description": "Not Assigned"
            }
          },
          {
            "sequence": 6,
            "id": "edupl000000000201337",
            "part_id": {
              "id": "crtfy000000000200465",
              "displayName": "bd6"
            },
            "type": "CERTIFICATION",
            "status": {
              "intStatus": null,
              "description": "Not Assigned"
            }
          }
        ],
        "displayName": "module_u36_1",
        "no_of_total_items": 6,
        "no_of_reqd_items": 2,
        "no_of_total_items_completed": 2,
        "id": "cegrp000000000201086"
      },
      {
        "is_reqd": false,
        "sequence": 2,
        "learningInterventions": [
          {
            "sequence": 1,
            "id": "edupl000000000201338",
            "part_id": {
              "id": "cours000000000200704",
              "displayName": "¿¿¿"
            },
            "type": "COURSE",
            "is_completion_by_equivalent": false,
            "is_completed": false
          },
          {
            "sequence": 2,
            "id": "edupl000000000201339",
            "part_id": {
              "id": "cours000000000201386",
              "displayName": "¿¿¿¿¿¿"
            },
            "type": "COURSE",
            "is_completion_by_equivalent": false,
            "is_completed": false
          }
        ],
        "displayName": "module_u36_2",
        "no_of_total_items": 2,
        "no_of_reqd_items": 1,
        "no_of_total_items_completed": 0,
        "id": "cegrp000000000201087"
      },
      {
        "is_reqd": false,
        "sequence": 3,
        "learningInterventions": [
          {
            "sequence": 1,
```

```
              "id": "edupl000000000201340",
              "part_id": {
                "id": "crtfy000000000200492",
                "displayName": "bd33"
              },
              "type": "CERTIFICATION",
              "status": {
                "intStatus": 100,
                "description": "Acquired"
              }
            },
            {
              "sequence": 2,
              "id": "edupl000000000201341",
              "part_id": {
                "id": "crtfy000000000200494",
                "displayName": "bd35"
              },
              "type": "CERTIFICATION",
              "status": {
                "intStatus": null,
                "description": "Not Assigned"
              }
            },
            {
              "sequence": 3,
              "id": "edupl000000000201342",
              "part_id": {
                "id": "crtfy000000000200465",
                "displayName": "bd6"
              },
              "type": "CERTIFICATION",
              "status": {
                "intStatus": null,
                "description": "Not Assigned"
              }
            }
          ],
          "displayName": "module_u36_3",
          "no_of_total_items": 3,
          "no_of_reqd_items": 2,
          "no_of_total_items_completed": 1,
          "id": "cegrp000000000201088"
        }
      ],
      "is_default_path": true,
      "is_acquisition_path": true,
      "no_of_reqd_modules": 1,
      "displayName": "path_u36_1",
      "no_of_total_modules": 3,
      "id": "track000000000201083",
      "is_recert_path": false
    },
    "inRecertification": true,
    "recert_window_starts_on": "2018/05/21T18:30:00UTC",
    "id": "stuce000000000202608",
    "expired_on": "2018/06/13T18:30:00UTC",
    "status": {
      "description": "Acquired",
      "status": "100"
    }
  }
}
```

Note: For more details on this see REST API Reference.

Use case

This enhancement provides a REST API that represents the UI behavior for when a user clicks on **View Certification History** > **Main** tab for a Student-certification.

APIs to retrieve or update details of job requisitions

How did it work?

There were no REST APIs that would allow retrieving or updating the details of job requisitions.

How does it work now?

The following new REST APIs will now allow retrieving and updating the details of job requisitions:

1. GET DETAILS OF A PARTICULAR JOB REQUISITIONS
2. GET DETAILS OF ALL JOB REQUISITIONS
3. FIND THE DETAILS OF THE JOB REQUISITION
4. FIND THE DETAILS OF THE JOB REQUISITION (Using POST - Range based search)
5. UPDATE JOB REQUISITION

GET DETAILS OF A PARTICULAR JOB REQUISITION

Overview

Returns the details of a particular job requisition.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/job-requisition/:id:(:searchFields)

Calling Options

Table 37: Calling Options

Name	Description	Default Value	Data Type	Required?
id	The ID of the desired job re~ quisition	jobrq000000000001020	string	Yes
searchFields	Indicate what additional de~ tails need to be returned in the output. Acceptable val~ ues are (case-sensitive)		string	No

Name	Description	Default Value	Data Type	Required?
	You can use any field with "isSearchFilter": true. **Note:** To find out the fields that have "isSearchFilter": true, invoke the "Get Meta details" REST APIs.			

Return Values


```
{
  "location": {
    "id": "locat000000000001000",
    "displayName": "Location1"
  },
  "description": "<p>recruting test 01 job</p>",
  "source": null,
  "requisitionTemplate": {
    "id": "reqtp000000000000001",
    "displayName": "System Default Template"
  },
  "employmentType": "Permanent",
  "requisitionStage": [],
  "requiresTravel": false,
  "requiresResume": true,
  "requiresCoverLetter": false,
  "companyDescription": "<p>Company Description for the Requisition
Template</p>",
  "requiresPreAssessment": false,
  "organization": {
    "id": "bisut000000000001000",
    "displayName": "BusinessUnit1"
  },
  "status": "DRAFT",
  "sourceType": null,
  "jobFamily": {
    "id": "jfmly000000000001000",
    "displayName": "Position job family"
  },
  "title": "HPEngineer3",
  "approvedOn": null,
  "targetDate": null,
  "googleMapWidget": null,
  "publishedOn": null,
  "jobType": null,
  "notes": "<p>Perfect</p>",
  "submittedOn": null,
  "minExperience": 2,
  "maxExperience": 5,
  "interviewers": [],
  "recruiter": [
    {
      "stakeholderType": "RECRUITER",
      "requisition": {
        "id": "jobrq000000000001045",
        "displayName": "HPEngineer3"
      },
```

```
        "stakeholder": {
          "id": "persn000000000201414",
          "displayName": "fname lname"
        },
        "id": "rsthd000000000001059"
      }
    ],
    "industry": "Computer Software",
    "applicantType": "INTERNAL-ONLY",
    "closedDate": null,
    "hrPartner": {
      "id": "emplo000000000001043",
      "displayName": "User3 Four3"
    },
    "hiringManager": {
      "id": "emplo000000000001000",
      "displayName": "User One"
    },
    "minimumSalary": 20000,
    "maximumSalary": 500000,
    "requisitionNo": "1043",
    "qualification": "<p>everything</p>",
    "salaryType": "YEARLY",
    "jobAdStyle": "Cool",
    "noOfOpenings": 1,
    "isEEOCReq": true,
    "unpublishType": "NONE",
    "unpublishDays": 30,
    "endOfMonth": false,
    "marketAverage": null,
    "referralBonus": null,
    "unpublishDate": null,
    "plainTextSM": null,
    "pieChartSM": null,
    "barChartSM": {
      "type": "BAR-CHART",
      "owner": {
        "id": "jobrq000000000001045",
        "displayName": "HPEngineer3"
      },
      "identifier": "barChartSM",
      "smartWidgetValues": [
        {
          "name": "Developer",
          "value": "2",
          "parent": {
            "id": "smtwd000000000001042",
            "displayName": "Experience"
          },
          "id": "smtvl000000000001089"
        }
      ],
      "smartWidget_visibility": "ANYONE",
      "title": "Experience",
      "id": "smtwd000000000001042"
    },
    "progressBarSM": null,
    "midSalary": 260000,
    "midBudget": 260000,
    "maxBudget": 500000,
    "salaryCurrency": null,
    "category": "Professionals",
```

```
  "compensation": "Nothing",
  "costCenter": "Everything",
  "isFeaturedJobExternal": false,
  "referralBonusCurr": null,
  "educationQualification": null,
  "id": "jobrq000000000001045",
  "customValues": {
    "custom9": null,
    "custom0": null,
    "custom3": null,
    "custom4": null,
    "custom1": null,
    "custom2": null,
    "custom7": null,
    "custom8": null,
    "custom5": null,
    "custom6": null
  },
  "securityDomain": {
    "id": "domin000000000000001",
    "displayName": "world"
  },
  "jobboards": [],
  "regions": [
    {
      "associateType": "REGION",
      "requisition": {
        "id": "jobrq000000000001045",
        "displayName": "HPEngineer3"
      },
      "associate": {
        "id": "regio000000000002000",
        "displayName": "New1"
      },
      "id": "jrass000000000001023"
    }
  ]
}
```


GET ALL JOB REQUISITIONS

Overview

Returns all job requisitions.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/job-requisition?count=:count&startPage=:startPage

Calling Options

Table 38: Calling Options

Name	Description	Default Value	Data Type	Required?
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No

Return Values


```
{
  "facets": [],
  "startIndex": 1,
  "hasMoreResults": true,
  "totalResults": 84,
  "itemsPerPage": 10,
  "results": [
    {
      "id": "jobrq000000000001040",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001040"
    },
    {
      "id": "jobrq000000000001044",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001044"
    },
    {
      "id": "jobrq000000000001045",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001045"
    },
    {
      "id": "jobrq000000000001046",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001046"
    },
    {
      "id": "jobrq000000000001047",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001047"
    },
    {
      "id": "jobrq000000000001050",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001050"
    },
    {
      "id": "jobrq000000000001060",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001060"
    },
    {
      "id": "jobrq000000000001080",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001080"
    },
    {
      "id": "jobrq000000000001081",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001081"
    },
    {
      "id": "jobrq000000000001082",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001082"
```

```
    }
  ]
}
```


FIND DETAILS OF JOB REQUISITION

Overview

Finds the details of the job requisitions.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/job-requisition?q=(:criteria)&count=:count&startPage=:startPage

Calling Options

Table 39: Calling Options

Name	Description	Sample Value	Data Type	Req'd?
criteria	The search criteria i.e. the criteria field name with search value. You can use the following fields: • JobRequisitionStatus • Location • requisitionNo • category • employmentType • costCenter • Domain • Id	• JobRequisitionStatus%3D%3DDRAFT • Location%3D%3Dlocat 000000000001000 • requisitionNo%3D%3D1001 • category%3D%3DNot Specified • employmentType%3D%3DTemporary • costCenter%3D%3DSaba • Domain%3D%3Ddomin 000000000000001 • Id%3D%3Djobrq 000000000001001	string	Yes
count	The number of records per page.	10	string	No
start~ Page	The start page number for the list of records.	1	string	No

Return Values


```
{
    "facets": [],
    "startIndex": 1,
    "results": [
        {
            "id": "jobrq000000000001017",
          "href": "http://<host_name>/v1/job-requisition/jobrq000000000001017"

        },
        {
            "id": "jobrq000000000001020",
          "href": "http://<host_name>/v1/job-requisition/jobrq000000000001020"

        },
        {
            "id": "jobrq000000000001182",
          "href": "http://<host_name>/v1/job-requisition/jobrq000000000001182"

        },
        {
            "id": "jobrq000000000001189",
          "href": "http://<host_name>/v1/job-requisition/jobrq000000000001189"

        },
        {
            "id": "jobrq000000000001251",
          "href": "http://<host_name>/v1/job-requisition/jobrq000000000001251"

        },
        {
            "id": "jobrq000000000001387",
          "href": "http://<host_name>/v1/job-requisition/jobrq000000000001387"

        },
        {
            "id": "jobrq000000000001380",
          "href": "http://<host_name>/v1/job-requisition/jobrq000000000001380"

        },
        {
            "id": "jobrq000000000001383",
          "href": "http://<host_name>/v1/job-requisition/jobrq000000000001383"

        },
        {
            "id": "jobrq000000000001430",
          "href": "http://<host_name>/v1/job-requisition/jobrq000000000001430"

        },
        {
            "id": "jobrq000000000001542",
          "href": "http://<host_name>/v1/job-requisition/jobrq000000000001542"

        }
    ],
    "hasMoreResults": true,
    "itemsPerPage": 10,
    "totalResults": 0
}
```

FIND DETAILS OF JOB REQUISITION (Using POST - Range based search)

Overview

Returns the details of the job requisitions along with the ID, Name and the Deeplink URL based on the provided range based search criteria.

Requires OAuth

No

Method

POST

URL

https://<*hostname-api.sabacloud.com*>/v1/job-requisition/searchQuery?count=:count&startPage=:startPage

Calling Options

Table 40: Calling Options

Name	Description	Sample Value	Data Type	Required?
conditions	The search conditions. You can use the following fields: • JobRequisitionStatus • Location • requisitionNo • category • employmentType • costCenter • Domain • Id You can use search operators such as: • =gt= • =ge= • =lt= • =le= • =eq= • =ne=	• { [{"name": "JobRequisitionStatus","operator": "==","value": "DRAFT"}] } • { [{"name": "Location","operator": "==","value": "locat 000000000001000"}] } • { [{"name": "requisitionNo","operator": "==","value": "1001"}] } • { [{"name": "category","operator": "==","value": "Not Specified"}] } • { [{"name": "employmentType","operator": "==","value": "Temporary"}] } • { [{"name": "costCenter","operator": "==","value": "Saba"}] } • { [{"name": "Domain","operator": "==","value": "domin 000000000000001"}] } • { [{"name": "Id","operator": "==","value": "jobrq 000000000001001"}] }	string	Yes
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No

Request Body

```
{
    [{"name": "title","operator": "==","value": "job 1"}]
}
```

Return Values


```
{
  "facets": [],
  "startIndex": 1,
  "hasMoreResults": true,
  "totalResults": 84,
  "itemsPerPage": 10,
  "results": [
    {
      "id": "jobrq000000000001040",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001040"
    },
    {
      "id": "jobrq000000000001044",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001044"
    },
    {
      "id": "jobrq000000000001045",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001045"
    },
    {
      "id": "jobrq000000000001046",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001046"
    },
    {
      "id": "jobrq000000000001047",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001047"
    },
    {
      "id": "jobrq000000000001050",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001050"
    },
    {
      "id": "jobrq000000000001060",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001060"
    },
    {
      "id": "jobrq000000000001080",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001080"
    },
    {
      "id": "jobrq000000000001081",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001081"
    },
    {
      "id": "jobrq000000000001082",
      "href": "http://<host_name>/v1/job-requisition/jobrq000000000001082"
    }
  ]
}
```

UPDATE JOB REQUISITION

Overview

Updates job requisition based on the job requisition's ID that is passed as the parameter.

Requires OAuth

No

Method

PUT

URL

http://<*hostname-api.sabacloud.com*>/v1/job-requisition/:id

Calling Options

Table 41: Calling Options

Name	Description	Default Value	Data Type	Required?
id	The id of job requisition to be updated	jobrq000000000001020	string	Yes
location	Location	{ "id": "locat000000000001000", "displayName": "Loca~ tion1" }	string	No
description	Job Description	recruting test 01 job	string	No
organization	Organization	{"id":"bisut000000000001000", "displayName":"Busi~ nessUnit1"}	string	No
requisitionTemplate	Job Requisition Template	{"id":"re~ qtp000000000000001", "displayName":null}	string	No
employmentType	Type of Employment	Contractor	string	No
requisitionStage	Requisition Stage	[{"isRequired": false, "assessment": {"id": "cninv000000000057714", "displayName": "Job 0129-0131- 034520631472023431041"}, "stageName": "Pre as~ sessment", "se~ quence": 1, "type": "PRE-ASSESS~ MENT"}]	string	No

Name	Description	Default Value	Data Type	Required?
requiresTravel	Requires Travel	false	string	No
requiresResume	Requires Resume	false	string	No
requiresCoverLetter	Allow Cover Letter	false	string	No
companyDescription	Company Description	Company Description for the Requisition Template	string	No
businessJustification	Business Justification	Business justification	string	No
requiresPreAssess~ment	Requires Pre-Assessment	false	string	No
status	Status	DRAFT	string	No
unpublishDays	Unpublish Days	30	string	No
endOfMonth	End Of Month	false	string	No
unpublishDate	Unpublish Date	2016-08-16T00:00:00.000+0530	string	No
pieChartSM	Pie Chart Type Smart Wid~gets	{"type": "PIE-CHART", "identifier": "pieChartSM", "smartWidgetValues": [{"name": "java", "value": "kI18nSWIn~termediate", "parent": {"id": "smt~wd000000000001000", "displayName": "Skills"}}, {"name": "Js", "value": "kI18nSWExpert", "parent": {"id": "smt~wd000000000001000", "displayName": "Skills"}}], "smartWidget_visibil~ity": "ANYONE", "title": "Skills"}	string	No
barChartSM	Bar Chart Type Smart Wid~gets	{"type": "BAR-CHART", "identifier": "barChartSM", "smartWidgetValues": [{"name": "java1", "value": "2", "parent": {"id": "smt~wd000000000002034",	string	No

Name	Description	Default Value	Data Type	Required?
		"displayName": "Ex~ perience"}}, {"name": "Advanced Java1", "value": "1", "parent": {"id": "smt~ wd000000000002034", "displayName": "Ex~ perience"}}], "smartWidget_visibil~ ity": "ANYONE", "title": "Experience"}		
minExperience	Minimum Experience	1	string	No
maxExperience	Maximum Experience	3	string	No
interviewers	Interviewers	[{"stakeholder": {"id": "em~ plo000000000201187", "displayName": "cus~ tome_menu uone"}, "stakeholderType": "INTERVIEWER"}]	string	No
recruiter	Recruiter	[{"stakeholder": {"id": "em~ plo000000000201187", "displayName": "cus~ tome_menu uone"}, "stakeholderType": "RECRUITER"}]	string	No
industry	Industry	Software	string	No
applicantType	Publish to	INTERNAL-ONLY	string	No
closedDate	Close date	2016-08-16T15:20:48.000+0530	string	No
hrPartner	HR Partner	{"id": "em~ plo000000000001043", "displayName": "User3 Four3"}	string	No
hiringManager	Hiring Manager	{"id": "em~ plo000000000001000", "displayName": "User One"}	string	No
minimumSalary	Minimum Salary	20000	string	No
maximumSalary	Maximum Salary	50000	string	No

Name	Description	Default Value	Data Type	Required?
qualification	Qualifications	BE	string	No
salaryType	Salary Type	YEARLY	string	No
jobAdStyle	Job Advertisement Style	Cool	string	No
noOfOpenings	Number of Hires	2	strig	No
hireType	Hire Type	NEW-HIRE	enumerated	No
employmentClassifica~ tion	Employment Classification	NOT-MENTIONED	enumerated	No
isEEOCReq	Is EEOC Required	false	string	No
unpublishType	Auto-Unpublish	UNPUBLISH-DATE	string	No
category	EEO Job Category	Not Specified	string	No
compensation	Compensation Displayed to Candidates (Public)	50000	string	No
costCenter	Cost Center	center1	string	No
salaryCurrency	Salary Currency	{"id":"crncy0000000000000167", "displayName":"US Dollars"}	string	No
publishedOn	Published On	2016-08-16T04:00:32.000+0530	string	No
jobType	Job	{"id": "job~ tp00000000200200"}	string	No
notes	Notes	Notes	string	No
title	Job Title	HPEngineer3	string	No
submittedOn	Submitted On	2016-08-15T15:00:32.000+0530	string	No
approvedOn	Approved On	2016-08-16T15:00:32.000+0530	string	No
educationQualification	Education Qualification	Qualification details	string	No
isFeaturedJobExternal	Mark the external job post~ ing featured	true	string	No
customValues	Custom Values	{"custom9": "1", "cus~ tom0": "2", "cus~ tom3": "3", "cus~	string	No

Name	Description	Default Value	Data Type	Required?
		tom4": "4", "cus~ tom1": "5", "cus~ tom2": "6", "cus~ tom7": "7", "cus~ tom8": "8", "cus~ tom5": "9", "cus~ tom6":"10"}		
securityDomain	Domain	{"id": "dom~ in000000000000001", "displayName": "world"}	string	No
regions	Regions	[{ "associate": {"id": "re~ gio000000000000001"}, "associateType": "RE~ GION"}]	string	No

Request Body


```
{
   "location": {
      "id": "locat000000000001000",
      "displayName": "Location1"
   },
   "description": "<p>recruting test 01 job<\/p>",
   "organization": {
      "id": "bisut000000000001000",
      "displayName": "BusinessUnit1"
   },
   "requisitionTemplate": {
      "id": "reqtp000000000000001",
      "displayName": null
   },
   "employmentType": "Contractor",
   "requisitionStage": [
      {
         "isRequired": false,
         "assessment": {
            "id": "cninv000000000057714",
            "displayName": "Job 0129-0131-0345206314720234310 41"
         },
         "stageName": "Pre assessment",
         "sequence": 1,
         "type": "PRE-ASSESSMENT"
      }
   ],
   "requiresTravel": false,
   "requiresResume": false,
   "requiresCoverLetter": false,
   "companyDescription": "Company Description for the Requisition Template",
   "businessJustification": "Business justification",
   "requiresPreAssessment": false,
   "status": "DRAFT",
   "unpublishDays": 30,
   "endOfMonth": false,
```

```
"unpublishDate": "2016-08-16T00:00:00.000+0530",
"pieChartSM": {
   "type": "PIE-CHART",
   "identifier": "pieChartSM",
   "smartWidgetValues": [
      {
         "name": "java",
         "value": "kI18nSWIntermediate",
         "parent": {
            "id": "smtwd000000000001000",
            "displayName": "Skills"
         }
      },
      {
         "name": "Js",
         "value": "kI18nSWExpert",
         "parent": {
            "id": "smtwd000000000001000",
            "displayName": "Skills"
         }
      }
   ],
   "smartWidget_visibility": "ANYONE",
   "title": "Skills"
},
"barChartSM": {
   "type": "BAR-CHART",
   "identifier": "barChartSM",
   "smartWidgetValues": [
      {
         "name": "java1",
         "value": "2",
         "parent": {
            "id": "smtwd000000000002034",
            "displayName": "Experience"
         }
      },
      {
         "name": "Advanced Java1",
         "value": "1",
         "parent": {
            "id": "smtwd000000000002034",
            "displayName": "Experience"
         }
      }
   ],
   "smartWidget_visibility": "ANYONE",
   "title": "Experience"
},
"minExperience": 1,
"maxExperience": 3,
"interviewers": [
   {
      "stakeholder": {
         "id": "emplo000000000201187",
         "displayName": "custome_menu uone"
      },
      "stakeholderType": "INTERVIEWER"
   }
],
"recruiter": [
   {
```

```
            "stakeholder": {
               "id": "emplo000000000201187",
               "displayName": "custome_menu uone"
            },
            "stakeholderType": "RECRUITER"
         }
      ],
      "industry": "Software",
      "applicantType": "INTERNAL-ONLY",
      "closedDate": "2016-08-16T15:20:48.000+0530",
      "hrPartner": {
         "id": "emplo000000000001043",
         "displayName": "User3 Four3"
      },
      "hiringManager": {
         "id": "emplo000000000001000",
         "displayName": "User One"
      },
      "minimumSalary": 20000,
      "maximumSalary": 50000,
      "qualification": "<p>BE<\/p>",
      "salaryType": "YEARLY",
      "jobAdStyle": "Cool",
      "noOfOpenings": 2,
      "hireType": "NEW-HIRE",
      "employmentClassification": "NOT-MENTIONED",
      "isEEOCReq": false,
      "unpublishType": "UNPUBLISH-DATE",
      "category": "Not Specified",
      "compensation": 50000,
      "costCenter": "center1",
      "salaryCurrency": {
         "id": "crncy000000000000167",
         "displayName": "US Dollars"
      },
      "publishedOn": "2016-08-16T04:00:32.000+0530",
      "jobType": {
         "id": "jobtp00000000200200"
      },
      "notes": "Notes",
      "title": "HPEngineer3",
      "submittedOn": "2016-08-15T15:00:32.000+0530",
      "approvedOn": "2016-08-16T15:00:32.000+0530",
      "educationQualification": "Qualification details",
      "isFeaturedJobExternal": true,
      "customValues": {
         "custom9": "1",
         "custom0": "2",
         "custom3": "3",
         "custom4": "4",
         "custom1": "5",
         "custom2": "6",
         "custom7": "7",
         "custom8": "8",
         "custom5": "9",
         "custom6": "10"
      },
      "securityDomain": {
         "id": "domin000000000000001",
         "displayName": "world"
      }
   }
```

Note: For more details on this see REST API Reference.

Use case

This enhancement provides a REST API that allows retrieving as well as updating the job details that were created in the Saba application for integration with downstream systems.

API to retrieve public/private attachments

How did it work?

There were no REST APIs that would allow retrieving public/private attachments.

How does it work now?

The following new REST API will now allow retrieving public/private attachments:

FIND ALL PUBLIC/PRIVATE ATTACHMENTS

Overview

Returns all public/private attachments for a given owner ID.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/attachments?ownerId=:ownerId&isPrivate=:isPrivate

Calling Options

Table 42: Calling Options

Name	Description	Sample Value	Data Type	Required?
ownerId	Owner's ID of the attach~ ment	locat000000000200040	string	Yes
isPrivate	Flag to get public/private at~ tachments. "EnumeratedList": ["true", "false"] If a value is not provided for this parameter, the API will fetch all (public and private) the attachments for the given owner ID.	false	enumerated	No

Return Values

```
[
  "list",
  [
    {
      "@type": "com.saba.rest.dto.AttachmentDTO",
      "id": "notdc000000000224745",
      "file-name": "Penguins",
      "locale": {
        "@type": "com.saba.rest.dto.LocaleDTO",
        "name": "English",
        "id": "local000000000000001"
      },
      "createdBy": "emplo000000000001000",
      "createdId": "uone",
      "owner-id": "locat000000000200040",
      "mime-type": "image/jpeg",
      "attachment-name": "Publicattachment",
      "fileExtension": ".jpg",
      "url": "http://<hostname>/Saba/Web/Main?ssp=pageIsIgnored
            &doIt=showAttachment&showbinary=true&attachId
            =.-.CB7D9D9C6E847507EE9693C641297AD88E23482C4B65A40527E479
            56338840ED-.-&mimeType=image/jpeg&deepLinkCertificate=3135363
            6386337653832345E235E756F6E655E235E5361626153697465 5E235E656E
            5F55535E235E536162615E235E24414240302C02146974AD81F8144FBEDD9
            905420AE3DD07BB2FECBE02145670EEA450861BB6C9AE67AB3FB6C56E9B4A163B

            &isAttachment=true",
      "category": "Map",
      "is-url": false,
      "audit-reason": null,
      "is-private": false
    }
  ]
]
```

Note: For more details on this see REST API Reference.

Use case

This enhancement provides a REST API that allows retrieving attachments from the job object that can be shown on the Profile page and under Career Planning.

APIs to retrieve social interactions of a user

How did it work?

There were no REST APIs that would allow retrieving social interactions of a user.

How does it work now?

The following new REST APIs will now allow retrieving social interactions of a user:

1. GET SOCIAL INTERACTIONS OF A USER

GET SOCIAL INTERACTIONS OF A USER

Overview

Retrieves the social interactions such as clicks, likes, comments and shares of a user.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/social/metrics/:personId?resource=(:resources)&from_date=:from_date&to_date=:to_date

URL (using lookup)

https://<*hostname-api.sabacloud.com*>/v1/social/metrics/username=<username>?resource=(:resources)&from_date=:from_date&to_date=:to_date

Calling Options

Table 43: Calling Options

Name	Description	Default Value	Data Type	Required?
personId	ID of the user		string	Yes
resources	List of resources: • idea • file • url • blog • contributions • discussions • feedback • workspace • connections • views • videos		string	Yes
from_date	From date **Note:** The supported date format: YYYY-MM-DD.		string	Yes
to_date	To date **Note:** The supported date format: YYYY-MM-DD.		string	Yes

Detail of metrics fields for each resource type in output

The following are the fields for each resource type in output:

1. Connections
   a. Total followers
   b. Total followed
   c. Grand total of followers (regardless of date range)
   d. Grand total of followed (regardless of date range)
2. Contributions
   a. Total ideas contributed
   b. Total bookmarks contributed
   c. Total discussion initiated
   d. Total file contributed
   e. Total url contributed
   f. Total blog contributed
   g. Total video contributed
3. Discussions
   a. Total votes for discussion
   b. Total number of replies on discussion
   c. Total number of tags on discussion
4. Ideas
   a. Total number of tags on ideas
   b. Total number of Votes for idea

      Note: If a user gives two positive votes and two negative votes, then this value appears as 0. It is also 0, if the user does not have any votes.

   c. Total number of Views for idea
   d. Total number of comments for idea
5. File
   a. Number of tags on file
   b. Count of Ratings for File
   c. Total comments for File
6. URL
   a. Number of tags on URL
   b. Count of Ratings for URL
   c. Total comments for URL
7. Blogs
   a. Number of tags on Blogs
   b. Number of Ratings for Blog
   c. Total comments for Blog
8. Video
   a. Number of Tags on Video
   b. Count of Ratings for Video
   c. Total comments for Video

9. Workspace
   a. Number of Tags on Workspaces
   b. Count of Ratings for Workspaces
10. Feedback
    a. Positive votes by person
    b. Negative votes by person
11. Views
    a. Number of Views by person for videos, page and blogpost.

Return Values


```
{
   "followers":10,
   "followed":5,
   "total_followers":20,
   "total_followed":15,
   "total_ideas_contributed":2,
   "total_bookmarks_contributed":5,
   "total_discussion_initiated":2,
   "total_files_contributed":2,
   "total_urls_contributed":2,
   "total_blogs_contributed":3,
   "total_videos_contributed":5,
   "total_issues_contributed":7,
   "total_votes_for_discussion":7,
   "total_replies_on_discussion":9,
   "count_tags_on_discussion":5,
   "total_votes_for_idea":5,
   "total_comment_for_idea":4,
   "total_tags_for_idea":8,
   "total_views_on_idea":10,
   "number_of_tags_on_file":0,
   "count_of_ratings_for_file":0,
   "file_comment_count":0,
   "number_of_tags_on_url":0,
   "count_of_ratings_for_url":0,
   "url_comment_count":0,
   "number_of_tags_on_blogs":0,
   "count_of_blog_ratings":0,
   "blog_count_of_comments":0,
   "number_of_tags_on_videos":0,
   "count_of_video_ratings":0,
   "video_count_of_comments":0,
   "count_tags_on_workspaces":0,
   "count_of_workspace_ratings":0,
   "count_positivevotes_by_psn":30,
   "count_negativevotes_by_psn":10,
   "total_views":25
}
```


Note: For more details on this see REST API Reference.

Use case

Customers can now measure how closely their learners are interacting with Saba Cloud and possibly give them badges and other rewards.

APIs to retrieve, create and manage resources on the Saba Activity Stream

How did it work?

There were no REST APIs that would allow retrieving, creating and managing the resources on the Saba Activity Stream.

How does it work now?

The following new REST APIs will now allow retrieving, creating and managing the resources on the Saba Activity Stream:

1. POST IDEA TO SABA ACTIVITY STREAM
2. POST ISSUE TO SABA ACTIVITY STREAM
3. POST LINK TO SABA ACTIVITY STREAM
4. POST FILE TO SABA ACTIVITY STREAM
5. UPDATE IDEA POSTED ON SABA ACTIVITY STREAM
6. UPDATE ISSUE POSTED ON SABA ACTIVITY STREAM
7. UPDATE LINK POSTED ON SABA ACTIVITY STREAM
8. UPDATE FILE POSTED ON SABA ACTIVITY STREAM
9. DELETE IDEA POSTED ON SABA ACTIVITY STREAM
10. DELETE ISSUE POSTED ON SABA ACTIVITY STREAM
11. DELETE LINK POSTED ON SABA ACTIVITY STREAM
12. DELETE FILE POSTED ON SABA ACTIVITY STREAM

POST IDEA TO SABA ACTIVITY STREAM

Overview

Posts an idea to the Saba Activity Stream.

Requires OAuth

No

Method

POST

URL

https://<*hostname-api.sabacloud.com*>/v1/social/resource

Calling Options

Table 44: Calling Options

Name	Description	Default Value	Data Type	Required?
name	Idea title		string	Yes
owner	Owner of the Idea.		string	No
description	Description of the Idea.		string	Yes

Name	Description	Default Value	Data Type	Required?
disableSharing	Disable users to share this idea.	false	Boolean	No
shareWith	List of entity with whom idea is to be shared. It could be person and/or group.		string	No
language	Language of the idea.		string	No
notify	Whom to notify, it's value could be person, group or peopleandgroup.		enumerated	No
tag	Tags on the idea.		string	No
resourceType	**resourceType** is mandatory for idea, issue and link re~ source. This is not required for file.		string	Yes

Request Body


```
{
 "resourceType": "idea”,
 "name":"Idea_test_07_29_005",
 "description":"Idea_test_07_29_005",
 "owner":{
  "id":"emplo000000000001000",
  "displayName":"Uone"
 },
 "language":{
  "id":"lange000000000000001",
  "displayName":"English"
 },
 "disableSharing":true,
 "shareWith":[
   {
    "id":"persn000000000001000",
    "displayName":"CSINDHAV1",
    "type":"person",
    "role":"viewer"
   }
 ],
 "notify":"people",
 "tag":[
   "mytag3",
   "mytag4"
 ]
}
```


Return Values


```
{
  "id": "idear000000000001170",
```

```
  "displayName": "Idea_test_08_01_010"
}
```

POST ISSUE TO SABA ACTIVITY STREAM

Overview

Posts an issue to the Saba Activity Stream.

Requires OAuth

No

Method

POST

URL

https://<*hostname-api.sabacloud.com*>/v1/social/resource

Calling Options

Table 45: Calling Options

Name	Description	Default Value	Data Type	Required?
name	Issue title		string	Yes
owner	Owner of the Issue.		string	No
description	Description of the Issue.		string	Yes
disableSharing	Disable users to share this issue.	false	Boolean	No
shareWith	List of entity with whom is~ sue is to be shared. It could be person and/or group.		string	No
language	Language of the issue.		string	No
notify	Whom to notify, it's value could be person, group or peopleandgroup.		enumerated	No
tag	Tags on the issue.		string	No
resourceType	**resourceType** is mandatory for idea, issue and link re~ source. This is not required for file.		string	Yes

Request Body

```
{
 "resourceType": "issue”,
 "name":"Issue_test_07_29_005",
 "description":"Issue_test_07_29_005",
 "owner":{
  "id":"emplo000000000001000",
  "displayName":"Uone"
 },
 "language":{
  "id":"lange000000000000001",
  "displayName":"English"
 },
 "disableSharing":true,
 "shareWith":[
   {
    "id":"persn000000000001000",
    "displayName":"CSINDHAV1",
    "type":"person",
    "role":"viewer"
   }
 ],
 "notify":"people",
 "tag":[
   "mytag3",
   "mytag4"
 ]
}
```

Return Values

```
{
  "id": "issue000000000001044",
  "displayName": "Issue_test_07_29_005"
}
```

POST LINK TO SABA ACTIVITY STREAM

Overview

Posts a link to the Saba Activity Stream.

Requires OAuth

No

Method

POST

URL

https://<*hostname-api.sabacloud.com*>/v1/social/resource

Calling Options

Table 46: Calling Options

Name	Description	Default Value	Data Type	Required?
name	Link title		string	Yes
url	URL of the link.		string	Yes
owner	Owner of the link.		string	No
description	Description of the Link.		string	Yes
disableSharing	Disable users to share this link.	false	Boolean	No
language	Language of the link.		string	No
shareWith	List of entity with whom link is to be shared. It could be person and/or group.		string	No
notify	Whom to notify, it's value could be person, group or peopleandgroup.		enumerated	No
tag	Tags on the link.		string	No
resourceType	**resourceType** is mandatory for idea, issue and link re~ source. This is not required for file.		string	Yes

Request Body

```
{
 "resourceType": "link”,
 "name":"link_test_07_29_005",
 "description":"link_test_07_29_005",
 "owner":{
  "id":"emplo000000000001000",
  "displayName":"Uone"
 },
 "language":{
  "id":"lange000000000000001",
  "displayName":"English"
 },
 "disableSharing":true,
 "shareWith":[
   {
    "id":"persn000000000001000",
    "displayName":"CSINDHAV1",
    "type":"person",
    "role":"viewer"
   }
 ],
```

```
  "notify":"people",
  "tag":[
    "mytag3",
    "mytag4"
  ]
}
```

Return Values

```
{
  "id": "simrs000000000001042",
  "displayName": "link_test_07_29_005"
}
```

POST FILE TO SABA ACTIVITY STREAM

Posts a file to the Saba Activity Stream.

Note: For the file resource, the file must be added as form data of type file. Only one file as attachment will be accepted. In case more than one file is passed in the input then only the first file will be considered, remaining files will be ignored.

Text details for the file should not have any new line character or any special character in between two different attributes.

Though there is no limit set for the size of the file that you post, a file exceeding 3 MB may get timed out.

Requires OAuth

No

Content Type

Consumes: Multipart-form-data, Produces: application/json

Method

POST

URL

https://<*hostname-api.sabacloud.com*>/v1/social/file

Calling Options

Table 47: Calling Options

Name	Description	Default Value	Data Type	Required?
name	Link title		string	Yes
owner	Owner of the file.		string	No
description	Description of the file.		string	Yes
disableSharing	Disable users to share this file.	false	Boolean	No

Name	Description	Default Value	Data Type	Required?
shareWith	List of entity with whom file is to be shared. It could be person and/or group.		string	No
language	Language of the file.		string	No
notify	Whom to notify, it's value could be person, group or peopleandgroup.		string	No
tag	Tags on the file.		string	No

Request Body


```
{
 "name":"file_test_07_29_005",
 "description":"file_test_07_29_005",
 "owner":{
  "id":"emplo000000000001000",
  "displayName":"Uone"
 },
 "language":{
  "id":"lange000000000000001",
  "displayName":"English"
 },
 "disableSharing":true,
 "shareWith":[
   {
    "id":"persn000000000001000",
    "displayName":"CSINDHAV1",
    "type":"person",
    "role":"viewer"
   }
 ],
 "notify":"people",
 "tag":[
   "mytag3",
   "mytag4"
 ]
}
```


Return Values


```
{
  "id": "simrs000000000001042",
  "displayName": "link_test_07_29_005"
}
```


UPDATE IDEA POSTED ON SABA ACTIVITY STREAM

Overview

Updates an issue posted on the Saba Activity Stream.

Requires OAuth

No

Method

PUT

URL

https://<*hostname-api.sabacloud.com*>/v1/social/resource/:resourceId

Calling Options

Table 48: Calling Options

<table>
<tr><th>Name</th><th>Description</th><th>Default Value</th><th>Data Type</th><th>Required?</th></tr>
<tr><td>name</td><td>Idea title</td><td></td><td>string</td><td>No</td></tr>
<tr><td>owner</td><td>Owner of the Idea.</td><td></td><td>string</td><td>No</td></tr>
<tr><td>description</td><td>Description of the Idea.</td><td></td><td>string</td><td>No</td></tr>
<tr><td>implementationLead</td><td>Implementation Leader of the Idea.</td><td></td><td>string</td><td>No</td></tr>
<tr><td>state</td><td>State of idea.
Possible status:
<table>
<tr><th>State</th><th>Value</th><th>Description</th></tr>
<tr><td>New</td><td>1</td><td>New</td></tr>
<tr><td rowspan="5">Open</td><td>101</td><td>Being Reviewed</td></tr>
<tr><td>102</td><td>Reviewed</td></tr>
<tr><td>103</td><td>Accepted</td></tr>
<tr><td>104</td><td>In Progress</td></tr>
<tr><td>105</td><td>Partially Implemented</td></tr>
<tr><td>Onhold</td><td>201</td><td>On Hold</td></tr>
</table></td><td>New</td><td>enumerated</td><td>No</td></tr>
</table>

<table>
<tr><th>Name</th><th>Description</th><th>Default Value</th><th>Data Type</th><th>Required?</th></tr>
<tr><td></td><td><table><tr><td rowspan="3">closed</td><td>301</td><td>Fully Imple~ mented</td></tr><tr><td>302</td><td>Closed</td></tr><tr><td>303</td><td>Rejec~ ted</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>status</td><td>Status of idea. Though its validity depends on the status selected for the idea.</td><td>1</td><td>enumerated</td><td>No</td></tr>
<tr><td>disableSharing</td><td>Disable users to share this idea.</td><td>false</td><td>Boolean</td><td>No</td></tr>
<tr><td>notify</td><td>Whom to notify, it's value could be person, group or peopleandgroup.</td><td></td><td>enumerated</td><td>No</td></tr>
<tr><td>language</td><td>Language of the idea.</td><td></td><td>string</td><td>No</td></tr>
<tr><td>resourceId</td><td>resourceId is the ID of idea id</td><td></td><td>string</td><td>Yes</td></tr>
</table>

Request Body

```
{
 "name":"Idea_test_08_01_010",
 "description":"Idea_test_08_01_010 updated4",
 "owner":{
  "id":"emplo000000000001000",
  "displayName":"Uone"
 },
 "language":{
  "id":"lange000000000000001",
  "displayName":"English"
 },
 "shareWith":[
  {
   "id":"",
   "displayName":"cone",
   "type":"person",
   "role":"co-owner"
  }
 ],
 "state":"open",
 "status":"201",
 "implementationLead":{
  "id":"persn000000000001005",
  "displayName":"csindhav6"
 },
 "disableSharing":false,
```

```
 "notify":"people"
}
```

UPDATE ISSUE POSTED ON SABA ACTIVITY STREAM

Overview

Updates an issue posted on Saba Activity Stream.

Requires OAuth

No

Method

PUT

URL

https://<*hostname-api.sabacloud.com*>/v1/social/resource/:resourceId

Calling Options

Table 49: Calling Options

<table>
<tr><th>Name</th><th>Description</th><th>Default Value</th><th>Data Type</th><th>Required?</th></tr>
<tr><td>name</td><td>Issue title</td><td></td><td>string</td><td>No</td></tr>
<tr><td>owner</td><td>Owner of the Issue.</td><td></td><td>string</td><td>No</td></tr>
<tr><td>description</td><td>Description of the Issue.</td><td></td><td>string</td><td>No</td></tr>
<tr><td>implementationLead</td><td>Implementation Leader of the Issue.</td><td></td><td>string</td><td>No</td></tr>
<tr><td>state</td><td>State of issue.
Possible status:
<table>
<tr><th>State</th><th>Value</th><th>Description</th></tr>
<tr><td>New</td><td>1</td><td>New</td></tr>
<tr><td rowspan="3">Open</td><td>101</td><td>Being Reviewed</td></tr>
<tr><td>102</td><td>Reviewed</td></tr>
<tr><td>103</td><td>Accepted</td></tr>
</table>
</td><td>New</td><td>enumerated</td><td>No</td></tr>
</table>

<table>
<tr><th>Name</th><th>Description</th><th>Default Value</th><th>Data Type</th><th>Required?</th></tr>
<tr><td></td><td><table>
<tr><td></td><td>104</td><td>In Progress</td></tr>
<tr><td></td><td>105</td><td>Partially Implemented</td></tr>
<tr><td>Onhold</td><td>201</td><td>On Hold</td></tr>
<tr><td>closed</td><td>301</td><td>Fully Implemented</td></tr>
<tr><td></td><td>302</td><td>Closed</td></tr>
<tr><td></td><td>303</td><td>Rejected</td></tr>
</table></td><td></td><td></td><td></td></tr>
<tr><td>status</td><td>Status of issue. Though its validity depends on the status selected for the issue .</td><td>1</td><td>enumerated</td><td>No</td></tr>
<tr><td>disableSharing</td><td>Disable users to share this issue.</td><td>false</td><td>Boolean</td><td>No</td></tr>
<tr><td>notify</td><td>Whom to notify, it's value could be person, group or peopleandgroup.</td><td></td><td>enumerated</td><td>No</td></tr>
<tr><td>language</td><td>Language of the issue.</td><td></td><td>string</td><td>No</td></tr>
<tr><td>resourceId</td><td>resourceId is the ID of issue id</td><td></td><td>string</td><td>Yes</td></tr>
</table>

Request Body

```
{
 "name":"Issue_test_08_01_010",
 "description":"Issue_test_08_01_010 updated4",
 "owner":{
  "id":"emplo000000000001000",
  "displayName":"Uone"
 },
 "language":{
  "id":"lange000000000000001",
  "displayName":"English"
 },
 "shareWith":[
  {
```

```
    "id":"",
    "displayName":"cone",
    "type":"person",
    "role":"co-owner"
   }
  ],
  "state":"open",
  "status":"201",
  "implementationLead":{
   "id":"persn000000000001005",
   "displayName":"csindhav6"
  },
  "disableSharing":false,
  "notify":"people"
 }
```

UPDATE LINK POSTED ON SABA ACTIVITY STREAM

Overview

Updates a link posted on the Saba Activity Stream.

Requires OAuth

No

Method

PUT

URL

https://<*hostname-api.sabacloud.com*>/v1/social/resource/:resourceId

Calling Options

Table 50: Calling Options

Name	Description	Default Value	Data Type	Required?
name	Link title		string	No
url	URL of the link.		string	No
owner	Owner of the link.		string	No
description	Description of the link.		string	No
shareWith	List of entity with whom link is to be shared. It could be person and/or group.		string	No
disableSharing	Disable users to share this link.	false	Boolean	No

Name	Description	Default Value	Data Type	Required?
notify	Whom to notify, it's value could be person, group or peopleandgroup.		enumerated	No
language	Language of the link.		string	No
tag	Tags on the link.		string	No
resourceId	resourceId is the ID of link id		string	Yes

Request Body

```
{
 "name":"link_test_08_01_010",
 "description":"link_test_08_01_010 updated4",
 "url":"https://dqlearning.sabacloud.com",
 "owner":{
  "id":"emplo000000000001000",
  "displayName":"Uone"
 },
 "language":{
  "id":"lange000000000000001",
  "displayName":"English"
 },
 "shareWith":[
  {
   "id":"",
   "displayName":"cone",
   "type":"person",
   "role":"co-owner"
  }
 ],
 "disableSharing":false,
 "notify":"people",

                                    "tag":[
   "mytag3",
   "mytag4"
 ]
}
```

UPDATE FILE POSTED ON SABA ACTIVITY STREAM

Overview

Updates a file posted on the Saba Activity Stream.

Note: For the file resource, the file must be added as form data of type file. Only one file as attachment will be accepted. In case more than one file is passed in the input then only the first file will be considered, remaining files will be ignored.

Text details for the file should not have any new line character or any special character in between two different attributes.

Though there is no limit set for the size of the file that you post, a file exceeding 3 MB may get timed out.

Requires OAuth

No

Content Type

Consumes: Multipart-form-data, Produces: application/json

Method

PUT

URL

https://<*hostname-api.sabacloud.com*>/v1/social/file/:fileId

Calling Options

Table 51: Calling Options

Name	Description	Default Value	Data Type	Required?
fileId	File Id		string	Yes
name	File title		string	No
owner	Owner of the file.		string	No
description	Description of the file.		string	No
shareWith	List of entity with whom file is to be shared. It could be person and/or group.		string	No
disableSharing	Disable users to share this file.	false	Boolean	No
notify	Whom to notify, it's value could be person, group or peopleandgroup.		enumerated	No
language	Language of the file.		string	No
tag	Tags on the file.		string	No

Request Body


```
{
 "name":"file_test_08_01_010",
 "description":"file_test_08_01_010 updated4",
 "owner":{
  "id":"emplo000000000001000",
  "displayName":"Uone"
 },
 "language":{
  "id":"lange000000000000001",
```

```
   "displayName":"English"
  },
  "shareWith":[
   {
    "id":"",
    "displayName":"cone",
    "type":"person",
    "role":"co-owner"
   }
  ],
  "disableSharing":false,
  "notify":"people",
                                             "tag":[
    "mytag3",
    "mytag4"
  ]
 }
```


DELETE IDEA POSTED ON SABA ACTIVITY STREAM

Overview

Deletes an issue posted on the Saba Activity Stream.

Requires OAuth

No

Method

DELETE

URL

https://<*hostname-api.sabacloud.com*>/v1/social/resource/:resourceId

Calling Options

Table 52: Calling Options

Name	Description	Default Value	Data Type	Required?
resourceId	resourceId is the ID of the idea	idear000000000001107	string	Yes

DELETE ISSUE POSTED ON SABA ACTIVITY STREAM

Overview

Deletes an issue posted on Saba Activity Stream.

Requires OAuth

No

Method

DELETE

URL

https://<*hostname-api.sabacloud.com*>/v1/social/resource/:resourceId

Calling Options

Table 53: Calling Options

Name	Description	Default Value	Data Type	Required?
resourceId	resourceId is the ID of the issue	is~ sue000000000001046	string	Yes

DELETE LINK POSTED ON SABA ACTIVITY STREAM

Overview

Deletes a link posted on the Saba Activity Stream.

Requires OAuth

No

Method

DELETE

URL

https://<*hostname-api.sabacloud.com*>/v1/social/resource/:resourceId

Calling Options

Table 54: Calling Options

Name	Description	Default Value	Data Type	Required?
resourceId	resourceId is the ID of the link		string	Yes

DELETE FILE POSTED ON SABA ACTIVITY STREAM

Overview

Deletes a file posted on the Saba Activity Stream.

Requires OAuth

No

Method

DELETE

URL

https://<*hostname-api.sabacloud.com*>/v1/social/file/:fileId

Calling Options

Table 55: Calling Options

Name	Description	Default Value	Data Type	Required?
fileId	File Id		string	Yes

Note: For more details on this see REST API Reference.

Use case

This enhancement provides a REST API that allows creating and managing the resources that were created in the Saba application.

APIs to create, update and delete Smartlists

How did it work?

There were no REST APIs that would allow creating, updating and deleting Smartlists.

How does it work now?

The following new REST APIs will now allow creating, updating and deleting Smartlists:

1. CREATE A NEW SMARTLIST
2. UPDATE DETAILS OF A SMARTLIST
3. DELETE A SMARTLIST

Note: Only users with the People admin privilege will be able to create, update or delete Smarlists using these APIs.

CREATE A NEW SMARTLIST

Overview

Allows creating a new smart list.

Method

POST

Requires OAuth

No

URL

https://<*hostname-api.sabacloud.com*>/v1/smartlists

Calling Options

Table 56: Calling Options

Name	Description	Sample Value	Data Type	Required?
name	The name of the Smartlist	Test Smartlist	string	Yes
description	The short description about the Smartlist		string	No
split	The domain for the Smartlist Supports lookup (Domain).	`{ "id": "domin000000000000001", "name": "world" }`	string	Yes
criteria	Criteria of Smartlist		string	No

Request Body

```
{
 "name": "test SL",
 "description": "Test smartlist creation using API",
 "split": {
  "id": "domin000000000000001",
  “displayName”:”world”
 },
 "criteria": {
  "segments": [{
   "entity": "Group 1",
   "segments": [{
    "excluded": false,
    "key": "language",
    "operator": {
     "key": "in"
    },
    "value": ["lange000000000000001"]
   }, {
    "key": "OR"
   }, {
    "excluded": false,
    "key": "curricula_id",
    "operator": {
     "key": "in"
    },
    "value": ["curra000000000001141"]
   }]
  }, {
   "key": "AND"
  }, {
   "entity": "Group 2",
   "segments": [{
    "excluded": false,
    "key": "Location_custom2",
    "operator": {
     "key": "eq"
```

```
      },
      "value": "test"
    }]
  }]
 }
}
```

UI representation of the Request Body

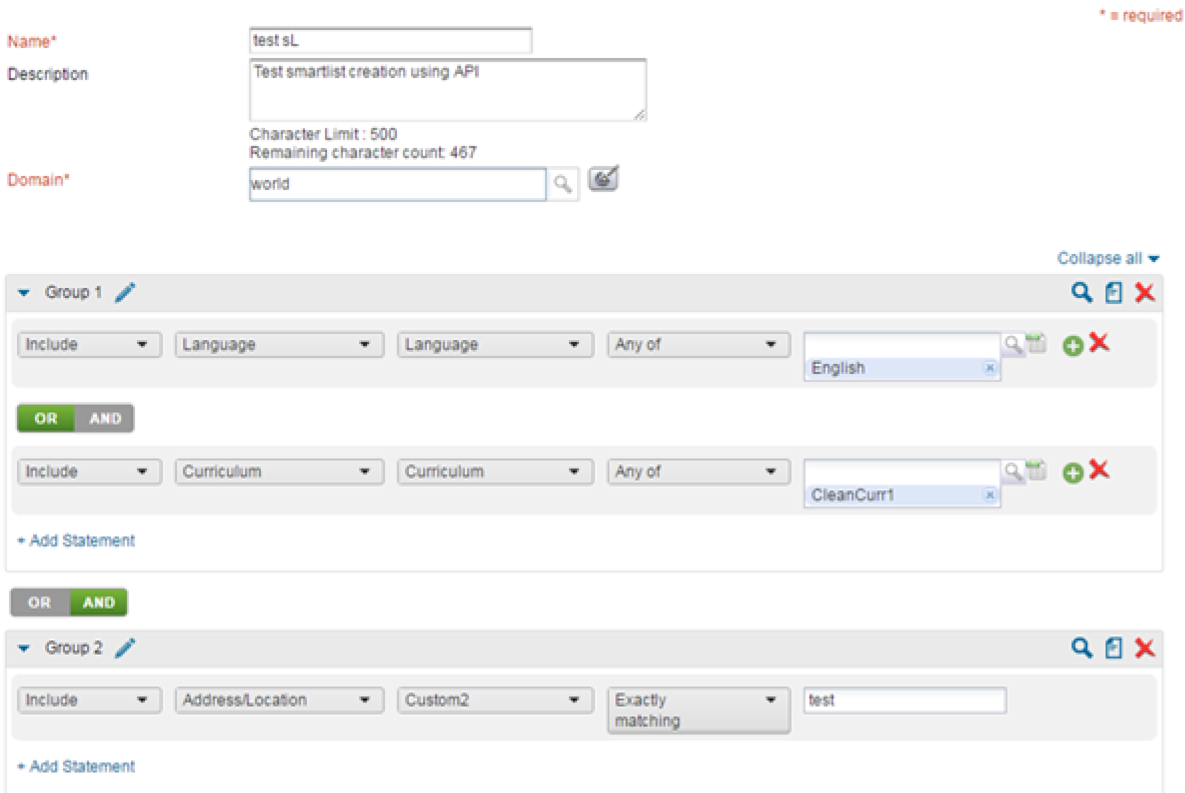


Figure 26: UI representation of the Request Body

Supported Operator Key

The following table lists the operator keys that this API supports.

Key	Description (UI Label)
AND	AND
OR	OR
NOT	NOT
eq	MATCHES
neq	NOT_MATCHES
all	ALL_OF
in	ANY_OF

Key	Description (UI Label)
nin	NOT_ANY_OF
bef	BEFORE
onbefore	ON_OR_BEFORE
aft	AFTER
onafter	ON_OR_AFTER
lt	LESS_THAN
lte	LESS_THAN_EQUALS
gt	GREATER_THAN
gte	GREATER_THAN_EQUALS
betnext	WITHIN_NEXT
betlast	WITHIN_LAST
startswith	STARTS_WITH
befdays	BEFORE_DAYS
aftdays	AFTER_DAYS

Supported Segment Key

The following table lists the segment keys that this API supports.

Component	Key	Description (UI Label)
Profile	per_id	Person
	person_domain_id	Domain
	person_manager_id	Manager
	person_start_date	Start Date
	prsn_status	Status
	prsn_gender	Gender
	prsn_dob	Date of Birth
	prsn_ethnicity	Ethnicity
	prsn_religion	Religion

Component	Key	Description (UI Label)
	prsn_pq	PQ Score
	prsn_prof_compl	Percent Profile Completed
	prsn_alt_mgr	Alternate Manager
	person_emp_type	Employee Type
	person_locale	Locale
	person_type	Person Type
	person_mgr	Manager Access
	per_city	City
	per_state	State
	per_country	Country
	per_zip_code	Zip / Postal code
	`Person, Internal_custom0`	Custom 0
Language	language	Language
External Certification	ext_cert_name	Name
	ext_cert_inst	Accrediting Institution
	ext_cert_acqon	Acquired on Date
	ext_cert_expon	Expired on Date
Internal Certification	int_cert_id	Certification
Job / Career	job_current_id	Current Jobtype
	job_desired_id	Next Jobtype
	job_family_id	Job Family
	job_potential_id	Potential Job
	int_wrkhis_job_id	Internal Work History
	int_wrkhis_org_id	Previous Internal Organization
	int_wrkhis_loc	Previous work location

Component	Key	Description (UI Label)
	ext_wrkhis_employer	External work history
	`JobType_custom0`	Custom 0
Role	`Role_custom0`	Custom 0
	Job_role_id	Role
Skill / Experties	skill_id	Skill
	`Competency_custom0`	Custom 0
Performance	pot_rating	Potential rating
	ret_risk	Retirement Risk
	flt_risk	Flight Risk
Organization	org_id	Organization
	org_zip_code	Zip / Postal Code
	org_number	Internal Organization Number
	org_type	Organization Type
	`Organization, Internal_custom0`	Custom 0
Inprogress learning	inp_cours_id	Course
Group / Audience	aud_typ	Audience Type
	`Audience Type_custom0`	Custom 0
Education	degree	Degree
	major	Major
	edu_institute	Institution
	edu_institute_type	Institute Type

Component	Key	Description (UI Label)
	edu_comp_date	Completion Date
	edu_pc_completion	Percent Completed
Curriculam	curricula_id	Curriculam
Competed Learning	cmpl_cours_id	Course
	`Offering Action Pro~file_custom0`	Custom 0
Address / Location	location_id	Location
	relocate	Will Relocate
	`Location_custom0`	Custom 0
CustomSection1 to CustomSection20	CustomSection1_custom0	Custom 0
TalentPool	tp_candidate_status	Candidate Status
	readiness_id	Candidate Readiness
	pool_owner	Pool Owner
	pool_domain	Pool Domain
	percent_match	Candidate percent match
	candidate_rank	Candidate Rank
	talent_pool_name	Pool Name

Return Values


```
{
 "id": "stlst000000000001410",
 "displayName": "test SL 7",
    "href":
"https://<hostname-api.sabacloud.com>/v1/smartlists/stlst000000000001080"
}
```


UPDATE DETAILS OF A SMARTLIST

Overview

Allows updating an existing smartlist based on the Smartlist ID.

Requires OAuth

No

Method

PUT

URL

https://<*hostname-api.sabacloud.com*>/v1/smartlists/:id

Table 57: Calling Options

Name	Description	Sample Value	Data Type	Required?
id	Smartlist's ID	stlst000000000001000	string	Yes
name	The name of the Smartlist	Test Smartlist	string	No
description	The short description about the Smartlist		string	No
split	The domain for the Smartlist Supports lookup (Domain).	`{ "id": "dom~in000000000000001", "name": "world" }`	string	Yes
criteria	Criteria of Smartlist		string	No

Request Body

```
{
 "name": "test SL",
 "description": "Test smartlist creation using API",
 "split": {
  "id": "domin000000000000001",
  “displayName”:”world”
 },
 "criteria": {
  "segments": [{
   "entity": "Group 1",
   "segments": [{
    "excluded": false,
    "key": "language",
    "operator": {
     "key": "in"
    },
    "value": ["lange000000000000001"]
   }, {
    "key": "OR"
   }, {
    "excluded": false,
    "key": "curricula_id",
    "operator": {
```

```
      "key": "in"
     },
     "value": ["curra000000000001141"]
    }]
   }, {
    "key": "AND"
   }, {
    "entity": "Group 2",
    "segments": [{
     "excluded": false,
     "key": "Location_custom2",
     "operator": {
      "key": "eq"
     },
     "value": "test"
    }]
   }]
  }
 }
```


UI representation of the Request Body

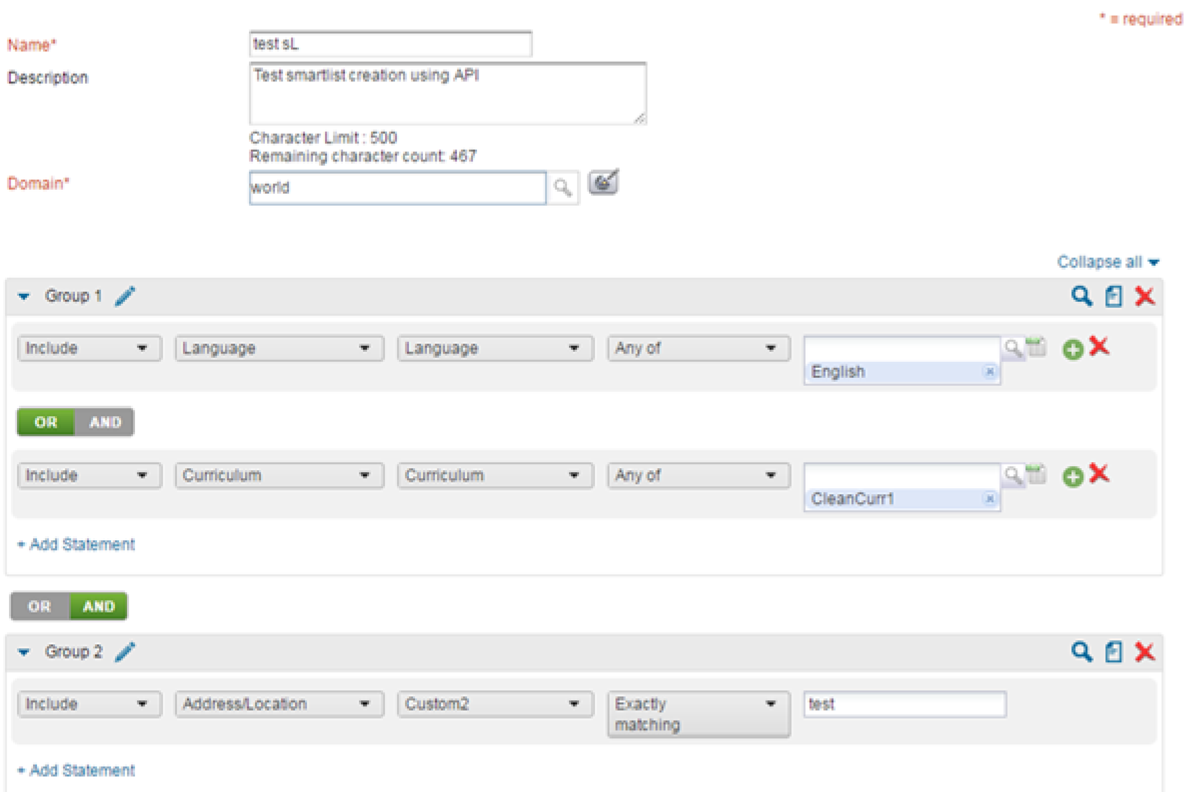


Figure 27: UI representation of the Request Body

Supported Operator Key

The following table lists the operator keys that this API supports.

Key	Description (UI Label)
AND	AND

Key	Description (UI Label)
OR	OR
NOT	NOT
eq	MATCHES
neq	NOT_MATCHES
all	ALL_OF
in	ANY_OF
nin	NOT_ANY_OF
bef	BEFORE
onbefore	ON_OR_BEFORE
aft	AFTER
onafter	ON_OR_AFTER
lt	LESS_THAN
lte	LESS_THAN_EQUALS
gt	GREATER_THAN
gte	GREATER_THAN_EQUALS
betnext	WITHIN_NEXT
betlast	WITHIN_LAST
startswith	STARTS_WITH
befdays	BEFORE_DAYS
aftdays	AFTER_DAYS

Supported Segment Key

The following table lists the segment keys that this API supports.

Component	Key	Description (UI Label)
Profile	per_id	Person
	person_domain_id	Domain
	person_manager_id	Manager

Component	Key	Description (UI Label)
	person_start_date	Start Date
	prsn_status	Status
	prsn_gender	Gender
	prsn_dob	Date of Birth
	prsn_ethnicity	Ethnicity
	prsn_religion	Religion
	prsn_pq	PQ Score
	prsn_prof_compl	Percent Profile Completed
	prsn_alt_mgr	Alternate Manager
	person_emp_type	Employee Type
	person_locale	Locale
	person_type	Person Type
	person_mgr	Manager Access
	per_city	City
	per_state	State
	per_country	Country
	per_zip_code	Zip / Postal code
	`Person, Internal_custom0`	Custom 0
Language	language	Language
External Certification	ext_cert_name	Name
	ext_cert_inst	Accrediting Institution
	ext_cert_acqon	Acquired on Date
	ext_cert_expon	Expired on Date
Internal Certification	int_cert_id	Certification
Job / Career	job_current_id	Current Jobtype

Component	Key	Description (UI Label)
	job_desired_id	Next Jobtype
	job_family_id	Job Family
	job_potential_id	Potential Job
	int_wrkhis_job_id	Internal Work History
	int_wrkhis_org_id	Previous Internal Organization
	int_wrkhis_loc	Previous work location
	ext_wrkhis_employer	External work history
	`JobType_custom0`	Custom 0
Role	`Role_custom0`	Custom 0
	Job_role_id	Role
Skill / Experties	skill_id	Skill
	`Competency_custom0`	Custom 0
Performance	pot_rating	Potential rating
	ret_risk	Retirement Risk
	flt_risk	Flight Risk
Organization	org_id	Organization
	org_zip_code	Zip / Postal Code
	org_number	Internal Organization Number
	org_type	Organization Type
	`Organization, Internal_custom0`	Custom 0
Inprogress learning	inp_cours_id	Course
Group / Audience	aud_typ	Audience Type

Component	Key	Description (UI Label)
	`Audience Type_custom0`	Custom 0
Education	degree	Degree
	major	Major
	edu_institute	Institution
	edu_institute_type	Institute Type
	edu_comp_date	Completion Date
	edu_pc_completion	Percent Completed
Curriculam	curricula_id	Curriculam
Competed Learning	cmpl_cours_id	Course
	`Offering Action Pro~ file_custom0`	Custom 0
Address / Location	location_id	Location
	relocate	Will Relocate
	`Location_custom0`	Custom 0
CustomSection1 to CustomSection20	CustomSection1_custom0	Custom 0
TalentPool	tp_candidate_status	Candidate Status
	readiness_id	Candidate Readiness
	pool_owner	Pool Owner
	pool_domain	Pool Domain
	percent_match	Candidate percent match
	candidate_rank	Candidate Rank
	talent_pool_name	Pool Name

Return Values

```
{
 "id": "stlst000000000001410",
 "displayName": "test SL 7",
    "href":
"https://<hostname-api.sabacloud.com>/v1/smartlists/stlst000000000001080"
}
```

DELETE A SMARTLIST

Overview

Allows deleting an existing smartlist that is not associated to other objects based on the Smartlist ID.

Requires OAuth

No

Method

DELETE

URL

https://<*hostname-api.sabacloud.com*>/v1/smartlists/:id

Table 58: Calling Options

Name	Description	Sample Value	Data Type	Required?
id	Smartlist's ID	stlst000000000001000	string	Yes

Note: For more details on this see REST API Reference.

Use case

Criteria based security roles could be assigned using APIs, but only if you had manually created the smart list. This API removes the manual step.

APIs to create, update and find Sub audience types

How did it work?

There were no REST APIs that would allow creating, updating and finding sub audience types.

How does it work now?

The following new REST APIs will now allow creating, updating and finding sub audience types:

1. FIND DETAILS OF SUB AUDIENCE TYPES
2. FIND META DETAILS OF SUB AUDIENCE TYPES
3. GET ALL SUB AUDIENCE TYPES
4. GET DETAILS OF A PARTICULAR SUB AUDIENCE TYPE
5. CREATE A NEW SUB AUDIENCE TYPE
6. FIND THE DETAILS OF SUB AUDIENCE TYPE (USING POST - RANGE BASED SEARCH)

7. UPDATE DETAILS OF A SUB AUDIENCE TYPE

FIND DETAILS OF SUB AUDIENCE TYPES

Overview

Returns the details of the Sub Audience Types based on the provided search criteria.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/subaudiencetype?q=(:criteria_field%3D%3D:field_value)&count=:count&startPage=:startPage

Calling Options

Table 59: Calling Options

Name	Description	Default Value	Data Type	Required?
criteria_field	The search criteria i.e. the field name.	name	string	Yes
field_value	The search value for the specified search criteria.	abc	string	Yes
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No

Return Values


```
{
 "startIndex": 1,
 "totalResults": 1,
 "hasMoreResults": false,
 "itemsPerPage": 10,
 "facets": [],
 "results": [{
  "id": "seatc000000000001020","name":"child AT 1",
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000001020"

 }]
}
```

FIND META DETAILS OF SUB AUDIENCE TYPES

Overview

Returns the meta details of the sub audience type.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/subaudiencetype/meta:(:searchFields)

Calling Options

Table 60: Calling Options

Name	Description	Default Value	Data Type	Required?
searchFields	Indicate what additional de~ tails needs to be returned. Acceptable values are (case-sensitive)		string	No

Return Values


```
{
 "sampleData": {
  "parent_id": null,
  "flags": "0100000000",
  "name": "",
  "description": "",
  "customValues": {
   "custom9": null,
   "custom0": null,
   "custom3": null,
   "custom4": null,
   "custom1": null,
   "custom2": null,
   "custom7": null,
   "custom8": null,
   "custom5": null,
   "custom6": null
  },
  "securityDomain": {
   "id": "domin000000000000001",
   "displayName": null
  },
  "id": null,
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000000001"

 },
 "name": "Audience Sub Type",
```

```
"displayName": "Audience Sub Type",
"attributes": [{
 "name": "created_by",
 "displayName": "created_by",
 "description": null,
 "isRequired": false,
 "isAutoGenerated": false,
 "type": "string",
 "isReference": false,
 "isProtected": false,
 "display": true,
 "length": 255,
 "maximumLength": 255,
 "isSearchFilter": true
}, {
 "name": "created_on",
 "displayName": "created_on",
 "description": null,
 "isRequired": false,
 "isAutoGenerated": false,
 "type": "date",
 "isReference": false,
 "isProtected": false,
 "display": true,
 "isSearchFilter": true
}, {
 "name": "description",
 "displayName": "Description",
 "description": null,
 "isRequired": false,
 "isAutoGenerated": false,
 "type": "string",
 "isReference": false,
 "isProtected": false,
 "display": true,
 "length": 255,
 "maximumLength": 255,
 "isSearchFilter": true
}, {
 "name": "flags",
 "displayName": "Flags",
 "description": null,
 "isRequired": false,
 "isAutoGenerated": false,
 "type": "string",
 "isReference": false,
 "isProtected": false,
 "display": true,
 "length": 10,
 "maximumLength": 10,
 "isSearchFilter": false
}, {
 "name": "id",
 "displayName": "id",
 "description": null,
 "isRequired": false,
 "isAutoGenerated": false,
 "type": "string",
 "isReference": false,
 "isProtected": false,
 "display": true,
 "isSearchFilter": false
```

```
}, {
 "name": "isretained",
 "displayName": "Available to Others",
 "description": null,
 "isRequired": false,
 "isAutoGenerated": false,
 "type": "boolean",
 "isReference": false,
 "isProtected": false,
 "display": false,
 "isSearchFilter": false
}, {
 "name": "name",
 "displayName": "Name",
 "description": null,
 "isRequired": false,
 "isAutoGenerated": false,
 "type": "string",
 "isReference": false,
 "isProtected": false,
 "display": true,
 "length": 80,
 "maximumLength": 80,
 "isSearchFilter": true
}, {
 "name": "owner",
 "displayName": "Owner",
 "description": null,
 "isRequired": false,
 "isAutoGenerated": false,
 "type": "string",
 "isReference": false,
 "isProtected": false,
 "display": false,
 "isSearchFilter": false
}, {
 "name": "parent_id",
 "displayName": "Parent",
 "description": null,
 "isRequired": false,
 "isAutoGenerated": false,
 "type": "object",
 "isReference": true,
 "isProtected": false,
 "display": true,
 "isSearchFilter": true
}, {
 "name": "securityDomain",
 "displayName": "Domain",
 "description": null,
 "isRequired": false,
 "isAutoGenerated": false,
 "type": "string",
 "isReference": false,
 "isProtected": false,
 "display": true,
 "isSearchFilter": false
}, {
 "name": "updated_by",
 "displayName": "updated_by",
 "description": null,
 "isRequired": false,
```

```
  "isAutoGenerated": false,
  "type": "string",
  "isReference": false,
  "isProtected": false,
  "display": true,
  "length": 255,
  "maximumLength": 255,
  "isSearchFilter": true
 }, {
  "name": "updated_on",
  "displayName": "updated_on",
  "description": null,
  "isRequired": false,
  "isAutoGenerated": false,
  "type": "date",
  "isReference": false,
  "isProtected": false,
  "display": true,
  "isSearchFilter": true
 }, {
  "name": "custom0",
  "displayName": "Custom0",
  "description": null,
  "isRequired": false,
  "isAutoGenerated": false,
  "type": "string",
  "isReference": false,
  "isProtected": false,
  "display": true,
  "length": 255,
  "maximumLength": 255,
  "isSearchFilter": true
 }, {
  "name": "custom1",
  "displayName": "Custom1",
  "description": null,
  "isRequired": false,
  "isAutoGenerated": false,
  "type": "string",
  "isReference": false,
  "isProtected": false,
  "display": true,
  "length": 255,
  "maximumLength": 255,
  "isSearchFilter": true
 }, {
  "name": "custom2",
  "displayName": "Custom2",
  "description": null,
  "isRequired": false,
  "isAutoGenerated": false,
  "type": "string",
  "isReference": false,
  "isProtected": false,
  "display": true,
  "length": 255,
  "maximumLength": 255,
  "isSearchFilter": true
 }, {
  "name": "custom3",
  "displayName": "Custom3",
  "description": null,
```

```
  "isRequired": false,
  "isAutoGenerated": false,
  "type": "string",
  "isReference": false,
  "isProtected": false,
  "display": true,
  "length": 255,
  "maximumLength": 255,
  "isSearchFilter": true
 }, {
  "name": "custom4",
  "displayName": "Custom4",
  "description": null,
  "isRequired": false,
  "isAutoGenerated": false,
  "type": "string",
  "isReference": false,
  "isProtected": false,
  "display": true,
  "length": 255,
  "maximumLength": 255,
  "isSearchFilter": true
 }, {
  "name": "custom5",
  "displayName": "Custom5",
  "description": null,
  "isRequired": false,
  "isAutoGenerated": false,
  "type": "string",
  "isReference": false,
  "isProtected": false,
  "display": true,
  "length": 255,
  "maximumLength": 255,
  "isSearchFilter": true
 }, {
  "name": "custom6",
  "displayName": "Custom6",
  "description": null,
  "isRequired": false,
  "isAutoGenerated": false,
  "type": "string",
  "isReference": false,
  "isProtected": false,
  "display": true,
  "length": 255,
  "maximumLength": 255,
  "isSearchFilter": true
 }, {
  "name": "custom7",
  "displayName": "Custom7",
  "description": null,
  "isRequired": false,
  "isAutoGenerated": false,
  "type": "string",
  "isReference": false,
  "isProtected": false,
  "display": true,
  "length": 255,
  "maximumLength": 255,
  "isSearchFilter": true
 }, {
```

```
  "name": "custom8",
  "displayName": "Custom8",
  "description": null,
  "isRequired": false,
  "isAutoGenerated": false,
  "type": "string",
  "isReference": false,
  "isProtected": false,
  "display": true,
  "length": 255,
  "maximumLength": 255,
  "isSearchFilter": true
 }, {
  "name": "custom9",
  "displayName": "Custom9",
  "description": null,
  "isRequired": false,
  "isAutoGenerated": false,
  "type": "string",
  "isReference": false,
  "isProtected": false,
  "display": true,
  "length": 255,
  "maximumLength": 255,
  "isSearchFilter": true
 }]
}
```


GET ALL SUB AUDIENCE TYPES

Overview

Returns all Sub Audience Types for which the user has access.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/subaudiencetype?count=:count&startPage=:startPage

Calling Options

Table 61: Calling Options

Name	Description	Default Value	Data Type	Required?
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No

Return Values


```
{
 "facets": [],
 "results": [{
  "name": "aud_11",
  "id": "seatc000000000001020",
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000001020"

 }, {
  "name": "child AT 1",
  "id": "seatc000000000001100",
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000001100"

 }, {
  "name": "child AT 12",
  "id": "seatc000000000001120",
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000001120"

 }, {
  "name": "child AT 2",
  "id": "seatc000000000001101",
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000001101"

 }, {
  "name": "child AT 21",
  "id": "seatc000000000001124",
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000001124"

 }, {
  "name": "Child AT21",
  "id": "seatc000000000001121",
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000001121"

 }, {
  "name": "Child AT211",
  "id": "seatc000000000001122",
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000001122"

 }, {
  "name": "Child AT212",
  "id": "seatc000000000001123",
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000001123"

 }, {
  "name": "child AT 22",
  "id": "seatc000000000001125",
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000001125"

 }, {
  "name": "child AT 221",
  "id": "seatc000000000001126",
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000001126"
```

```
 }],
 "totalResults": 29,
 "hasMoreResults": true,
 "itemsPerPage": 10,
 "startIndex": 1
}
```


GET DETAILS OF A PARTICULAR SUB AUDIENCE TYPE

Overview

Returns complete information about a sub audience type based on the sub audience type's ID that is passed as a parameter value.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/subaudiencetype/:id:(:searchFields)

Calling Options

Table 62: Calling Options

Name	Description	Default Value	Data Type	Required?
id	Sub audience type's ID		string	Yes
searchFields	Indicate what additional de~ tails needs to be returned. Acceptable values are (case-sensitive)		string	No

Return Values


```
{
 "parent_id": {
  "id": "audie000000000001021",
  "displayName": "aud_1"
 },
 "flags": "00000     ",
 "name": "aud_11",
 "description": "",
 "customValues": {
  "custom9": null,
  "custom0": null,
  "custom3": null,
  "custom4": null,
  "custom1": null,
  "custom2": null,
```

```
   "custom7": null,
   "custom8": null,
   "custom5": null,
   "custom6": null
  },
  "securityDomain": {
   "id": "domin000000000000001",
   "displayName": "world"
  },
  "id": "seatc000000000001020"
 }
```


CREATE A NEW SUB AUDIENCE TYPE

Overview

Allows creating a new sub audience type.

Requires OAuth

No

Method

POST

URL

https://<*hostname-api.sabacloud.com*>/v1/subaudiencetype

Calling Options

Table 63: Calling Options

Name	Description	Default Value	Data Type	Required?
name	The name of the sub audi~ence type	sub audience type Create	string	Yes
description	The short description about the sub audience type	desc	string	No
parent_id	Parent of sub audience type	{"id": "audie000000000001021", "name": "AT1"}	string	Yes
customValues	Custom Values		string	No

Request Body


```
 {
  "name": "sbu aud_1",
  "description": "test sub AT",
   "parent_id": {
   "id": "audie000000000001021",
   "displayName": "aud_1"
```

```
 },
 "customValues": {
  "custom9": null,
  "custom0": null,
  "custom3": null,
  "custom4": null,
  "custom1": null,
  "custom2": null,
  "custom7": null,
  "custom8": null,
  "custom5": null,
  "custom6": null
 }
}
```

Return Values

```
{
  "id": "seatc000000000001000",
  "displayName": "sub aud_1",
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000001000"

 }
```

FIND THE DETAILS OF SUB AUDIENCE TYPE (USING POST - RANGE BASED SEARCH)

Overview

Returns the details of the sub audience type.

Requires OAuth

No

Method

POST

URL

https://<*hostname-api.sabacloud.com*>/v1/subaudiencetype/searchQuery?count=:count&startPage=:startPage

Calling Options

Table 64: Calling Options

Name	Description	Default Value	Data Type	Required?
conditions	Conditions	[{"name":"name", "operator":"==", "value":"sub at1"}]	string	Yes
count		10	string	No
startPage		1	string	No

Request Body

```
{
"conditions" :[{
"name": "name",
"operator": "==",
"value": "aud_11"}]
}
```

Return Values

```
{
 "startIndex": 1,
 "totalResults": 1,
 "hasMoreResults": false,
 "itemsPerPage": 10,
 "facets": [],
 "results": [{
  "id": "seatc000000000001020","name":"aud_11",
  "href":
"https://<hostname-api.sabacloud.com>/v1/subaudiencetype/seatc000000000001020"

 }]
}
```

UPDATE DETAILS OF A SUB AUDIENCE TYPE

Overview

Allows updating an existing sub audience type based on the Sub audience type's ID.

Requires OAuth

No

Method

PUT

URL

https://<*hostname-api.sabacloud.com*>/v1/subaudiencetype/:id

Calling Options

Table 65: Calling Options

Name	Description	Default Value	Data Type	Required?
id	Sub audience type's ID		string	Yes
name	The name of the sub audi~ ence type	sub audience type Create	string	Yes
description	The short description about the sub audience type	desc	string	No

Name	Description	Default Value	Data Type	Required?
customValues	Custom Values		string	No

Request Body


```
{
 "id": "seatc000000000001000",
 "name": "sbu aud_1",
 "description": "test sub AT",
   "customValues": {
  "custom9": null,
  "custom0": null,
  "custom3": null,
  "custom4": null,
  "custom1": null,
  "custom2": null,
  "custom7": null,
  "custom8": null,
  "custom5": null,
  "custom6": null
 }
}
```


Note: parent_id update is not supported. In case a different parent_id is passed in input then that will be ignored by the API.

Domain cannot be set for Audience subtype. It is always the same as the parent's domain.

Note: For more details on this see REST API Reference.

Use case

N/A

APIs to retrieve, create, update and delete countries and states

How did it work?

There were no REST APIs that would allow retrieving, creating, updating and deleting countries and states.

How does it work now?

The following new REST APIs will now allow retrieving, creating, updating and deleting countries and states:

1. FIND DETAILS OF COUNTRY
2. GET ALL COUNTRIES
3. GET DETAILS OF A PARTICULAR COUNTRY
4. GET META DETAILS OF COUNTRY
5. CREATE A NEW COUNTRY
6. UPDATE DETAILS OF A COUNTRY
7. DELETE COUNTRY
8. FIND DETAILS OF STATE
9. GET ALL STATES
10. GET DETAILS OF A PARTICULAR STATE
11. GET META DETAILS OF STATE

12. CREATE A NEW STATE
13. UPDATE DETAILS OF A STATE
14. DELETE STATE

FIND DETAILS OF COUNTRY

Overview

Returns the details of the Country along with the ID, Name and the Deeplink URL based on the provided search criteria.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/country?q=(:criteria_field%3D%3D:field_value)&count=:count&startPage=:startPage

Calling Options

Table 66: Calling Options

Name	Description	Default Value	Data Type	Required?
criteria_field	The search criteria i.e. the field name.	name	string	Yes
field_value	The search value for the specified search criteria.	abc	string	Yes
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No

Return Values

```
{
    "facets": [],
    "totalResults": 1,
    "hasMoreResults": false,
    "itemsPerPage": 10,
    "results": [
        {
            "id": "cntry000000000001000",
            "href": "http://<host_name>/v1/country/cntry000000000001000"
        }
    ],
    "startIndex": 1
}
```

GET ALL COUNTRIES

Overview

Returns all Countries for which the user has access.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/country?count=:count&startPage=:startPage

Calling Options

Table 67: Calling Options

Name	Description	Default Value	Data Type	Required?
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No

Return Values


```
{
    "facets": [],
    "totalResults": 239,
    "hasMoreResults": true,
    "itemsPerPage": 10,
    "results": [
        {
            "id": "cntry000000000001000",
            "href": "http://<host_name>/v1/country/cntry000000000001000"
        },
        {
            "id": "cntry000000000001010",
            "href": "http://<host_name>/v1/country/cntry000000000001010"
        },
        {
            "id": "cntry000000000001100",
            "href": "http://<host_name>/v1/country/cntry000000000001100"
        },
        {
            "id": "cntry000000000001110",
            "href": "http://<host_name>/v1/country/cntry000000000001110"
        },
        {
            "id": "cntry000000000001120",
            "href": "http://<host_name>/v1/country/cntry000000000001120"
        },
        {
```

```
                "id": "cntry000000000001130",
                "href": "http://<host_name>/v1/country/cntry000000000001130"
            },
            {
                "id": "cntry000000000001140",
                "href": "http://<host_name>/v1/country/cntry000000000001140"
            },
            {
                "id": "cntry000000000001150",
                "href": "http://<host_name>/v1/country/cntry000000000001150"
            },
            {
                "id": "cntry000000000001160",
                "href": "http://<host_name>/v1/country/cntry000000000001160"
            },
            {
                "id": "cntry000000000001170",
                "href": "http://<host_name>/v1/country/cntry000000000001170"
            }
        ],
        "startIndex": 1
}
```


GET DETAILS OF A PARTICULAR COUNTRY

Overview

Returns complete information about a country based on the Country's ID that is passed as a parameter value.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/country/:id

Calling Options

Table 68: Calling Options

Name	Description	Default Value	Data Type	Required?
id	Country's Id		string	Yes

Return Values


```
{
    "name": "new23",
    "shortName": "USA",
    "isoCode": "NM",
    "active": false,
    "id": "cntry000000000001000"
}
```

GET META DETAILS OF COUNTRY

Overview

Returns the meta details of the country

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/country/meta:(:searchFields)

Calling Options

Table 69: Calling Options

Name	Description	Default Value	Data Type	Required?
searchFields	Indicate what additional de~ tails needs to be returned. Acceptable values are (case-sensitive)		string	No

Return Values


```
{
  "sampleData": {
    "name": null,
    "shortName": null,
    "active": false,
    "isoCode": null,
    "id": null,
    "href": "http://<host_name>/v1/country/cntry000000000000001"
  },
  "name": "Country",
  "displayName": "Country",
  "attributes": [
    {
      "name": "active",
      "displayName": "Active",
      "description": "Status of the country",
      "isRequired": false,
      "isAutoGenerated": false,
      "type": "boolean",
      "isReference": false,
      "isProtected": false,
      "display": true,
      "isSearchFilter": true
    },
    {
      "name": "id",
      "displayName": "kI18nALCountry_id(Missing resource)",
      "description": "Saba internal id",
```

```
      "isRequired": true,
      "isAutoGenerated": true,
      "type": "string",
      "isReference": false,
      "isProtected": false,
      "display": true,
      "isSearchFilter": false
    },
    {
      "name": "isoCode",
      "displayName": "ISO Code",
      "description": "ISO code of the country",
      "isRequired": true,
      "isAutoGenerated": false,
      "type": "string",
      "isReference": false,
      "isProtected": false,
      "display": true,
      "length": 2,
      "maximumLength": 2,
      "isSearchFilter": true
    },
    {
      "name": "name",
      "displayName": "Name",
      "description": "Name of the country",
      "isRequired": true,
      "isAutoGenerated": false,
      "type": "string",
      "isReference": false,
      "isProtected": false,
      "display": true,
      "length": 255,
      "maximumLength": 255,
      "isI18n": true,
      "isSearchFilter": true
    },
    {
      "name": "shortName",
      "displayName": "Short name",
      "description": "Short name of the country",
      "isRequired": false,
      "isAutoGenerated": false,
      "type": "string",
      "isReference": false,
      "isProtected": false,
      "display": true,
      "maximumLength": 10,
      "isSearchFilter": true
    }
  ]
}
```

CREATE A NEW COUNTRY

Overview

Allows creating a new Country.

Requires OAuth

No

Method

POST

URL

https://<*hostname-api.sabacloud.com*>/v1/country

Calling Options

Table 70: Calling Options

Name	Description	Default Value	Data Type	Required?
name	The name of the Country	Country1	string	Yes
isoCode	The ISO code for the country	IS	string	Yes
shortName	The short name for the country		string	No
active	Is active	false	string	No

Request Body

```
{
 "name": "India",
 "isoCode":"IN",
 "shortName":"IND",
 "active":true
}
```

Return Values

```
{
    "id": "cntry000000000004630",
    "displayName": null,
    "href": "http://<host_name>/v1/country/cntry000000000004630"
}
```

UPDATE DETAILS OF A COUNTRY

Overview

Allows updating an existing country based on the Role ID.

Requires OAuth

No

Method

PUT

URL

https://<*hostname-api.sabacloud.com*>/v1/country/:id

Calling Options

Table 71: Calling Options

Name	Description	Default Value	Data Type	Required?
id	Country's Id		string	Yes
name	The name of the country	new23	string	No
isoCode	The ISO code of country	nm	string	No
shortName	shortName		string	No
active	Is active	false	string	No

Request Body

```
{
 "active":true
}
```

DELETE COUNTRY

Overview

Deletes Country

Requires OAuth

No

URL

https://<*hostname-api.sabacloud.com*>/v1/country/:id

Calling Options

Table 72: Calling Options

Name	Description	Default Value	Data Type	Required?
id	Country's ID	cntry000000000003520	string	Yes

FIND DETAILS OF STATE

Overview

Returns the details of the State along with the ID, Name and the Deeplink URL based on the provided search criteria.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/state?q=(:criteria_field%3D%3D:field_value)&count=:count&startPage=:startPage

Calling Options

Table 73: Calling Options

Name	Description	Default Value	Data Type	Required?
criteria_field	The search criteria i.e. the field name.	name	string	Yes
field_value	The search value for the specified search criteria.	abc	string	Yes
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No

Return Values


```
{
    "facets": [],
    "totalResults": 1,
    "hasMoreResults": false,
    "itemsPerPage": 10,
    "results": [
        {
            "id": "state000000000001670",
            "href": "http://<host_name>/v1/state/state000000000001670"
        }
    ],
    "startIndex": 1
}
```


GET ALL STATES

Overview

Returns all States for which the user has access.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/state?count=:count&startPage=:startPage

Calling Options

Table 74: Calling Options

Name	Description	Default Value	Data Type	Required?
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No

Return Values


```
{
    "facets": [],
    "totalResults": 158,
    "hasMoreResults": true,
    "itemsPerPage": 10,
    "results": [
        {
            "id": "state000000000001640",
            "href": "http://<host_name>/v1/state/state000000000001640"
        },
        {
            "id": "state000000000001650",
            "href": "http://<host_name>/v1/state/state000000000001650"
        },
        {
            "id": "state000000000001670",
            "href": "http://<host_name>/v1/state/state000000000001670"
        },
        {
            "id": "state000000000002410",
            "href": "http://<host_name>/v1/state/state000000000002410"
        },
        {
            "id": "state000000000002420",
            "href": "http://<host_name>/v1/state/state000000000002420"
        },
        {
            "id": "state000000000002430",
            "href": "http://<host_name>/v1/state/state000000000002430"
        },
        {
            "id": "state000000000002930",
            "href": "http://<host_name>/v1/state/state000000000002930"
        },
```

```
        {
            "id": "state000000000002140",
            "href": "http://<host_name>/v1/state/state000000000002140"
        },
        {
            "id": "state000000000002110",
            "href": "http://<host_name>/v1/state/state000000000002110"
        },
        {
            "id": "state000000000002120",
            "href": "http://<host_name>/v1/state/state000000000002120"
        }
    ],
    "startIndex": 1
}
```

GET DETAILS OF A PARTICULAR STATE

Overview

Returns complete information about a state based on the State's ID that is passed as a parameter value.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/state/:id

Calling Options

Table 75: Calling Options

Name	Description	Default Value	Data Type	Required?
id	State's Id		string	Yes

Return Values

```
{
    "name": "Maharastra",
    "country": {
        "id": "cntry000000000001000",
        "displayName": "new23"
    },
    "shortName": "Mah",
    "isoCode": "MH",
    "id": "state000000000001650"
}
```

GET META DETAILS OF STATE

Overview

Returns the meta details of the state

Requires OAuth

No

Method

GET

URL

https://*<hostname-api.sabacloud.com>*/v1/state/meta:(:searchFields)

Calling Options

Table 76: Calling Options

Name	Description	Default Value	Data Type	Required?
searchFields	Indicate what additional de~ tails needs to be returned. Acceptable values are (case-sensitive)		string	No

Return Values


```
{
  "sampleData": {
    "name": null,
    "country": null,
    "shortName": null,
    "isoCode": null,
    "id": null,
    "href": "http://<host_name>/v1/state/state000000000000001"
  },
  "name": "CountryState",
  "displayName": "State",
  "attributes": [
    {
      "name": "country",
      "displayName": "Country",
      "description": "Country of the state",
      "isRequired": true,
      "isAutoGenerated": false,
      "type": "object",
      "isReference": true,
      "isProtected": false,
      "display": true,
      "isSearchFilter": true
    },
    {
      "name": "id",
      "displayName": "kI18nALCountryState_id(Missing resource)",
      "description": "Saba internal id",
```

```
      "isRequired": true,
      "isAutoGenerated": true,
      "type": "string",
      "isReference": false,
      "isProtected": false,
      "display": true,
      "isSearchFilter": false
    },
    {
      "name": "isoCode",
      "displayName": "ISO Code",
      "description": "ISO code of the state",
      "isRequired": true,
      "isAutoGenerated": false,
      "type": "string",
      "isReference": false,
      "isProtected": false,
      "display": true,
      "length": 2,
      "maximumLength": 2,
      "isSearchFilter": true
    },
    {
      "name": "name",
      "displayName": "Name",
      "description": "Name of the state",
      "isRequired": true,
      "isAutoGenerated": false,
      "type": "string",
      "isReference": false,
      "isProtected": false,
      "display": true,
      "length": 255,
      "maximumLength": 255,
      "isI18n": true,
      "isSearchFilter": true
    },
    {
      "name": "shortName",
      "displayName": "Short name",
      "description": "Short name of the state",
      "isRequired": false,
      "isAutoGenerated": false,
      "type": "string",
      "isReference": false,
      "isProtected": false,
      "display": true,
      "maximumLength": 10,
      "isSearchFilter": true
    }
  ]
}
```


CREATE A NEW STATE

Overview

Allows creating a new State.

Requires OAuth

No

Method

POST

URL

https://<*hostname-api.sabacloud.com*>/v1/state

Calling Options

Table 77: Calling Options

Name	Description	Default Value	Data Type	Required?
name	The name of the State	State1	string	Yes
isoCode	The ISO code for the state	IS	string	Yes
shortName	The short name for the state		string	No
country	The country for the state	{\"id\": \"cntry000000000001000\", \"display~ Name\":\"new1\"}	string	Yes

Request Body

```
{
 "name": "Maha",
 "shortName":"mah",
 "isoCode":"mh",
 "country":{"id":"cntry000000000001000"}
}
```

Return Values

```
{
    "id": "state000000000003490",
    "displayName": null,
    "href": "http://<host_name>/v1/state/state000000000003490"
}
```

UPDATE DETAILS OF A STATE

Overview

Allows updating an existing state based on the Role ID.

Requires OAuth

No

Method

PUT

URL

https://<*hostname-api.sabacloud.com*>/v1/state/:id

Calling Options

Table 78: Calling Options

Name	Description	Default Value	Data Type	Required?
id	Country's Id		string	Yes
name	The name of the country	new23	string	No
isoCode	The ISO code of country	nm	string	No
shortName	shortName		string	No
country	Country	{\"id\": \"cntry000000000001000\", \"display~ Name\":\"new1\"}	string	No

Request Body

```
{
 "isoCode":"mh"
}
```

DELETE STATE

Overview

Deletes State

Requires OAuth

No

URL

https://<*hostname-api.sabacloud.com*>/v1/state/:id

Calling Options

Table 79: Calling Options

Name	Description	Default Value	Data Type	Required?
id	State's ID	state000000000001000	string	Yes

Note: For more details on this see REST API Reference.

Use case

This enhancement provides customers more control of security role assignments and also reduces the load on Support, Operations and Services in meeting ad hoc requests.

APIs to retrieve details of the recurring course completions

How did it work?

Using REST API there was no way to retrieve details of the recurring course completions.

How does it work now?

The following new REST APIs will now allow retrieving the details of the recurring course completions:

1. FIND DETAILS OF RECURRING COURSE COMPLETIONS
2. FIND DETAILS OF RECURRING COURSE COMPLETIONS (Using POST - Range based search)

FIND DETAILS OF RECURRING COURSE COMPLETIONS

Overview

Returns the details of the recurring course completions along with the ID, Name and the Deeplink URL based on the provided search criteria.

Note: When a recurring course is assigned to a user, the corresponding enrollment entry is not created. Only when the course is completed, the transcript entry is created, due to this the API will not return detail URL as href for in-complete course in output JSON.

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/recurringcompletions ?q=(:criteria_field%3D%3D:field_value)&count=:count&startPage=:startPage&f=(:csvAttributesValue)&includeDetails=:includeDetails

Calling Options

Table 80: Calling Options

Name	Description	Sample Value	Data Type	Required?
criteria_field	The search criteria e.g. per~ son Id.	person_id		No
field_value	The search value for the specified search criteria.		string	Yes

Name	Description	Sample Value	Data Type	Required?
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No
csvAttributesValue	Indicate the field(s) that you intend to extract.		string	No
includeDetails	Returns the details of the re~curring course completions in the search	false	string	No

The following are the supported search criteria and display attributes:

Field name	Field description	Example
person_id	Will return all recurring course completions of a specified person.	Person_id%3D%3Demplo000000000001000
Person_no	This search criteria will return all recurring course completions of given person.	person_no%3D%3D001000
Person_user~name	This search criteria will return all recurring course completions of given person.	Person_username%3D%3Duone
status	This will return all recurring course completions of a specified status. Below are the possible status values: **For Recurring Completions (Completed):** • 100 - Not evaluated • 200 - Successful • 300 - Suspended • 400 - Unsuccessful • 600 - Pending Registration • 700 - Pending Approval **For Recurring Completions (Not Completed):** • 100 - Completed • 200 - In progress • 300 - Expired • 400 - Assigned • 600 - Pending Registration • 700 - Pending Approval	status%3D%3D400
updated_on	This will return result based on updated date of a recurring course completion.	updated_on%3Dge%3D2010-01-29 01:29:32

assigned_on	This search criteria will return all recurring course completions based on its assigned date value.	assigned_on%3Dge%3D2010-01-29 01:29:32
course_no	This search criteria will return recurring course completion of a given course.	course_no%3D%3d00201084
Course_id	This search criteria will return recurring course completion of a given course.	Course_id%3D%3D cours000000000203226
com~ pleted_on	This search criteria will return all recurring course completions based on its comepleted date value.	completed_on%3Dge%3D2010-01-29 01:29:32
due_date	This search criteria will return all recurring course completions based on its due date value.	due_date%3Dge%3D2010-01-29 01:29:32
expira~ tion_date	This search criteria will return all recurring course completions based on its expiration date value.	expiration_date%3Dge%3D2010-01-29 01:29:32
assigned~ Status	This search criteria will return all recurring course completions based on its assigned status.	

The JSON ouput structure for not-yet-completed items is quite different from completed items. This is because the not-yet-completed recurring courses are treated similar to held certifications and completed recurring courses are treated as Transcripts. This is in line with how these are interpreted on the UI.

Return Values (Completed recurring courses using includeDetails=false)


```
{
   "status_description":"Not Evaluated",
   "person":{
      "id":"emplo000000000019079",
      "username":"UONE"
   },
   "course":{
      "id":"cours000000000036549",
      "course_no":"00016460",
      "title":"test-recurring1",
      "version":null
   },
   "id":"ofapr000000000121389",
   "status":"100",

"href":"https://dqlearning-api.sabacloud.com/v1/transcripts/ofapr000000000121389"
}
```


Return Values (Not-yet-completed recurring courses using includeDetails=false)


```
{
   "assignedStatusDescription":"Assigned",
   "person":{
      "id":"emplo000000000019079",
      "username":"UONE"
   },
   "course":{
      "id":"cours000000000013889",
      "course_no":"00010274",
```

```
        "title":"RecurCoursePR",
        "version":"12345"
    },
    "assignedStatus":"400"
}
```


Note: assignedStatus / assignedStatusDescription either of these fields in the output JSON indicate a Not-yet-completed recurring course.

Return Values (Completed recurring courses using includeDetails=true)


```
{
    "updated_by":"uone",
    "updated_on":"2016-07-29T04:14:14.000+0000",
    "created_on":"2016-07-29T04:14:14.000+0000",
    "created_by":"uone",
    "end_date":null,
    "start_date":"2016-07-29T04:14:13.000+0000",
    "time_interval":0,
    "offering_temp_id":{
        "id":"cours000000000036549",
        "displayName":"test-recurring1"
    },
    "delivery":null,
    "delivery_type":"eqcat000000000000005",
    "action_no":"00105488",
    "completion_date":null,
    "action_status":"100",
    "grade":"",
    "delivered_by":null,
    "target_date":"2016-07-29T06:14:13.000+0000",
    "flags":2,
    "registration":null,
    "added_to_profile_on":"2016-07-29T04:14:13.000+0000",
    "offrng_start_date":null,
    "archived":0,
    "completionMode":0,
    "learner_id":null,
    "credits":null,
    "location":null,
    "party_id":{
        "id":"emplo000000000019079",
        "displayName":"One User"
    },
    "start_time":null,
    "end_time":null,
    "status":100,
    "score":0,
    "id":"ofapr000000000121389",
    "customValues":{
        "custom0":null,
        "custom1":null,
        "custom2":null
    }
}
```


Return Values (Not-yet-completed recurring courses using includeDetails=true)


```
{
    "assignedBy":"One User",
```

```
    "assigned_on":"2016-09-02T05:51:19UTC",
    "assignedStatusDescription":"Assigned",
    "completed_on":null,
    "person":{
       "id":"emplo000000000019079",
       "username":"UONE"
    },
    "due_date":"2016-09-02T00:00:00UTC",
    "course":{
       "id":"cours000000000013889",
       "course_no":"00010274",
       "title":"RecurCoursePR",
       "version":"12345"
    },
    "expiration_date":null,
    "assignedStatus":"400"
 }
```


FIND DETAILS OF RECURRING COURSE COMPLETIONS (Using POST - Range based search)

Overview

Returns the details of the recurring course completions along with the ID, Name and the Deeplink URL based on the provided range based search criteria.

Note: When a recurring course is assigned to a user, the corresponding enrollment entry is not created. Only when the course is completed, the transcript entry is created, due to this the API will not return detail URL as href for in-complete course in output JSON.

Requires OAuth

No

Method

POST

URL

https://<*hostname-api.sabacloud.com*>/v1/recurringcompletions/searchQuery?count=:count&startPage=:startPage&f=(:csvAttributesValue)&includeDetails=:includeDetails

Calling Options

Table 81: Calling Options

Name	Description	Sample Value	Data Type	Required?
conditions > name	The search conditions. You can use search operators such as: • =gt= - Greater than • =ge= - Greater or Equal • =lt= - Less than • =le= - Less or Equal • == - Equal	[{"name": "per~son_id", "operator": "==", "value": "em~plo000000000001000"}]	string	Yes

Name	Description	Sample Value	Data Type	Required?
	• != - Not Equal • ; - AND • , - OR			
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No
csvAttributesValue	Indicate the field(s) that you intend to extract.		string	No
includeDetails	Returns the details of the re~ curring course completions in the search	false	string	No

The following are the supported search criteria and display attributes:

Field name	Field description	Example
person_id	Will return all recurring course completions of a specified person.	Person_id%3D%3Demplo000000000001000
Person_no	This search criteria will return all recurring course completions of given person.	person_no%3D%3D001000
Person_user~ name	This search criteria will return all recurring course completions of given person.	Person_username%3D%3Duone
status	This will return all recurring course completions of a specified status. Below are the possible status values: **For Recurring Completions (Completed):** • 100 - Not evaluated • 200 - Successful • 300 - Suspended • 400 - Unsuccessful • 600 - Pending Registration • 700 - Pending Approval **For Recurring Completions (Not Completed):** • 100 - Completed • 200 - In progress • 300 - Expired • 400 - Assigned • 600 - Pending Registration • 700 - Pending Approval	status%3D%3D400

updated_on	This will return result based on updated date of a recurring course completion.	updated_on%3Dge%3D2010-01-29 01:29:32
assigned_on	This search criteria will return all recurring course completions based on its assigned date value.	assigned_on%3Dge%3D2010-01-29 01:29:32
course_no	This search criteria will return recurring course completion of a given course.	course_no%3D%3d00201084
Course_id	This search criteria will return recurring course completion of a given course.	Course_id%3D%3D cours000000000203226
com~pleted_on	This search criteria will return all recurring course completions based on its comepleted date value.	completed_on%3Dge%3D2010-01-29 01:29:32
due_date	This search criteria will return all recurring course completions based on its due date value.	due_date%3Dge%3D2010-01-29 01:29:32
expira~tion_date	This search criteria will return all recurring course completions based on its expiration date value.	expiration_date%3Dge%3D2010-01-29 01:29:32
assigned~Status	This search criteria will return all recurring course completions based on its assigned status.	

Request Body

```
{
 "conditions" :[
    {
     "name": "person_id",
     "operator": "==",
     "value": "emplo000000000001000"
    }
 ]
}
```

The output for not-yet-completed recurring courses will be very different from the output of completed recurring courses.

Return Values (Completed recurring courses using includeDetails=false)

```
{
   "status_description":"Not Evaluated",
   "person":{
      "id":"emplo000000000019079",
      "username":"UONE"
   },
   "course":{
      "id":"cours000000000036549",
      "course_no":"00016460",
      "title":"test-recurring1",
      "version":null
   },
   "id":"ofapr000000000121389",
   "status":"100",
```

```
"href":"https://dqlearning-api.sabacloud.com/v1/transcripts/ofapr000000000121389"
}
```


Return Values (Not-yet-completed recurring courses using includeDetails=false)


```
{
   "assignedStatusDescription":"Assigned",
   "person":{
      "id":"emplo000000000019079",
      "username":"UONE"
   },
   "course":{
      "id":"cours000000000013889",
      "course_no":"00010274",
      "title":"RecurCoursePR",
      "version":"12345"
   },
   "assignedStatus":"400"
}
```


Note: assignedStatus / assignedStatusDescription either of these fields in the output JSON indicate a Not-yet-completed recurring course.

Return Values (Completed recurring courses using includeDetails=true)


```
{
   "updated_by":"uone",
   "updated_on":"2016-07-29T04:14:14.000+0000",
   "created_on":"2016-07-29T04:14:14.000+0000",
   "created_by":"uone",
   "end_date":null,
   "start_date":"2016-07-29T04:14:13.000+0000",
   "time_interval":0,
   "offering_temp_id":{
      "id":"cours000000000036549",
      "displayName":"test-recurring1"
   },
   "delivery":null,
   "delivery_type":"eqcat000000000000005",
   "action_no":"00105488",
   "completion_date":null,
   "action_status":"100",
   "grade":"",
   "delivered_by":null,
   "target_date":"2016-07-29T06:14:13.000+0000",
   "flags":2,
   "registration":null,
   "added_to_profile_on":"2016-07-29T04:14:13.000+0000",
   "offrng_start_date":null,
   "archived":0,
   "completionMode":0,
   "learner_id":null,
   "credits":null,
   "location":null,
   "party_id":{
      "id":"emplo000000000019079",
      "displayName":"One User"
   },
   "start_time":null,
   "end_time":null,
```

```
    "status":100,
    "score":0,
    "id":"ofapr000000000121389",
    "customValues":{
       "custom0":null,
       "custom1":null,
       "custom2":null
    }
 }
```

Return Values (Not-yet-completed recurring courses using includeDetails=true)

```
{
    "assignedBy":"One User",
    "assigned_on":"2016-09-02T05:51:19UTC",
    "assignedStatusDescription":"Assigned",
    "completed_on":null,
    "person":{
       "id":"emplo000000000019079",
       "username":"UONE"
    },
    "due_date":"2016-09-02T00:00:00UTC",
    "course":{
       "id":"cours000000000013889",
       "course_no":"00010274",
       "title":"RecurCoursePR",
       "version":"12345"
    },
    "expiration_date":null,
    "assignedStatus":"400"
}
```

Note: assignedStatus / assignedStatusDescription either of these fields in the output JSON indicate a Not-yet-completed recurring course.

Note: For more details on this see REST API Reference.

Use case

The Transcript API did not return completions based on recurring courses which provided an incomplete view of the Transcript. A separate endpoint has been created for retrieving recurring course completions.

API to retrieve existing registration details or auto enroll user and get registration details

How did it work?

It was not possible to retrieve the existing registration details or auto enroll the user and then get the registration details using a single API.

How does it work now?

The following new REST API will now allow retrieving the existing registration details or auto enroll the user and then get the registration details:

GET EXISTING REGISTRATION DETAILS OR AUTO ENROLL USER AND GET REGISTRATION DETAILS

Overview

Returns the existing details of the registration. If the enrollment does not exist, then the learner **will be enrolled** to the class. If the enrollment already exists or the learner has already completed the class then the enrollment record ID will be returned.

Note: When custom fields on the 'Order' component are marked as required then the auto enroll API will not work i.e. the learner **will not be auto enrolled** to the class.

The Base learner (i.e. the Order contact) will be the logged in learner, Bill to depends on the BR settings "Billing Party" (Bill to learner itself instead of learners organization). In case of Non-zero price and payment is required for the learner, the order will be created in "Payment Initiated" state.

This API also returns context_id and subscription_id for any associated content, enabling external systems to form a launch URL without any additional API calls.

Requires OAuth

No

Method

POST

URL

https://<*hostname-api.sabacloud.com*>/v1/learning/enroll/:learner/:offering/autoenroll

Examples

https://<*hostname-api.sabacloud.com*>/v1/learning/enroll/emplo000000000001000/dowbt000000000038912/autoenroll

https://<*hostname-api.sabacloud.com*>/v1/learning/enroll/uone/wbtclass001/autoenroll

Calling Options

Table 82: Calling Options

Name	Description	Sample Value	Data Type	Required?
learner	Person's ID or Username or Person_No	em~ plo000000000001000	string	Yes
offering	Offering's ID or the unique offering number	dowbt000000000002644	string	Yes

Request Body

```
{"deliveryType":"web-based"}
```

Return Values

```
[
   {
      "registrationStatus":100,
      "orderNo":"00160364",
      "completionStatusDesciption":"Not Evaluated",
      "orderId":"intor000000003517540",
```

```
        "registrationStatusDesciption":"Registered",
        "orderStatus":100,
        "regId":"regdw000000000127324",
        "completionDate":null,
        "completionStatus":100,
        "orderStatusDesciption":"Confirmed",
        "createdOn":"2016/09/23T04:49:56UTC",
        "learningAssignments":[
           {
              "regModuleId":"regmd000000000092880",
              "subscriptionId":null,
              "contentContextId":"ctctx000000000157910"
           },
           {
              "regModuleId":"regmd000000000092880",
              "subscriptionId":null,
              "contentContextId":"ctctx000000000157910"
           }
        ]
     }
]
```


Note: For more details on this see REST API Reference.

Use case

This enhancement provides a single REST API and thus helps reduce the number of API calls to Saba.

API to retrieve the Audience Type / Audience Sub Types assigned to a Person

How did it work?

The existing REST API (GET AUDIENCE TYPE / AUDIENCE SUB TYPES ASSIGNED TO A PERSON) didn't retrieve accurate data. There was a mismatch between the records that it retrieved and the records shown on the product UI.

How does it work now?

The existing REST API is now deprecated and will be discontinued in the next few updates.

The following new REST API will now allow retrieving the Audience Type / Audience Sub Types assigned to a Person:

GET AUDIENCE TYPE / AUDIENCE SUB TYPES ASSIGNED TO A PERSON

Overview

Gets the Audience Type / Audience Sub Types assigned to a Person

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/common/profile/:personId/audiencetype

Note: The following is a deprecated URL for this REST Web service and will be discontinued in the next few updates:

https://<*hostname-api.sabacloud.com*>/v1/people/:personId/audiencetypes/search

Calling Options

Table 83: Calling Options

Name	Description	Sample Value	Data Type	Required?
personid	Person / Employee ID / username	per~sn000000000001000	string	Yes

Return Values

```
{
    "facets": [],
    "startIndex": 1,
    "results": [
        {
            "name": "internal",
            "id": "audie000000000000001",
            "href":
"https://<hostname-api.sabacloud.com>/v1/audiencetypes/audie000000000000001"
        }
    ],
    "itemsPerPage": 10,
    "totalResults": 1,
    "hasMoreResults": false
}
```

Note: For more details on this see REST API Reference.

Use case

This enhancement provides a REST API that represents the UI behavior for when a user clicks on **View Certification History** > **Main** tab for a Student-certification.

API to report the content result back to Saba

How did it work?

There was no API that would report the content result back to Saba.

How does it work now?

The following new REST API will now allow reporting the content result back to Saba:

REPORT RESULT

Overview

Report the content result back to Saba.

Note: This API only supports the COIN and LAB content formats.

Requires OAuth

No

Method

POST

URL

http://<*hostname-api.sabacloud.com*>/v1/partner/reportResult

Calling Options

Table 84: Calling Options

Name	Description	Default Value	Data Type	Required?
trackingKey	This will be sent by Saba during content launch/entitlement(250 characters key limit).	.-.68FEC7ECB9C3B84E405E890B13843E27D1D8F3D8E60CF90C75A9877F19865DFAABFB886758529CD796DC8A295D33C81E-.-	string	Yes
completionStatus	Possible values: incomplete, completed, passed, failed.	incomplete	string	Yes
score	Optional, if Completion Status is Incomplete/Completed. Mandatory, if completion status is passed/failed.		string	No
minScore	Minimum score		string	No
maxScore	Maximum score		string	No
timeSpent	Time spent on the content. Specify the value in the following format: hh:mm:ss For example: 00:10:00		string	No
completedOn	Optional date when the learner completed the content item. The date should be in yyyy-MM-dd HH:mm:ss or dd/MM/yyyy or dd/MM/yyyy HH:mm:ss.		string	No

Request Body

```
{
   "trackingKey":".-.A4207E711067D0FC61B3FA5F6029D0FB8E8A12748EF930B
        CC47D4638131197DDEEC6548C949747CDE1E4C1AAA94245F0-.-",
   "completionStatus":"completed",
```

```
    "score":"24",
    "minScore":"35",
    "maxScore":"100",
    "timeSpent":"00:24:10",
    "completedOn":"27/09/2016"
}
```


Return Values


```
{
    "trackingKey": ".-.A4207E711067D0FC61B3FA5F6029D0FB8E8A12748EF930B
        CC47D4638131197DDEEC6548C949747CDE1E4C1AAA94245F0-.-",
    "errorMessage": "",
    "status": "Success"
}
```


Note: For more details on this see REST API Reference.

Use case

N/A

Get completion and lesson details of the learning event

How did it work?

The following REST API did not return the details for each registration ID that are currently returned by the /v1/enrollments/:id/sections API:

- GET COMPLETION DETAILS OF THE LEARNING EVENT

How does it work now?

The following REST APIs now return these additional details as part of the Response:

- GET COMPLETION AND LESSON DETAILS OF THE LEARNING EVENT

GET COMPLETION AND LESSON DETAILS OF THE LEARNING EVENT

Overview

Gets completion and lesson details of the learning event. This API helps determine whether the elements of a certification were completed directly or by completing an equivalent.

It can also return the lesson details (sections:(completiondetail,lessondetail)) i.e. the HeldCertification/HeldCurriculum details along with the path, learning modules and learning interventions and the **lesson details** with the information regarding the courses that are completed and whether they are completed by equivalence.

Note: If the learner has not registered for a course or if the learner has registered but never launched it, the lesson information will not be returned.

Requires OAuth

No

Method

GET

URL

http://<*hostname-api.sabacloud.com*>/v1/learning/heldlearningevent/:heldCertId/:pathId/sections:(:searchFields)

Calling Options

Table 85: Calling Options

Name	Description	Sample Value	Data Type	Required?
heldCertId	Held Certification/Cur~ riculum activity ID	stuce000000000202608	string	Yes
pathId	Path ID	track000000000201083	string	Yes
searchFields	Completion Detail / Lesson Details of the learning event	completiondetail lessondetail	string	Yes

Example (Get Completion Details and Lesson Details for a specific path within a specific held certification/curriculum)

To get the completion details and lesson details for a specific path within a specific held certification:

https://<hosname-api.sabacloud.com
>/v1/learning/heldlearningevent/stuce000000000389597/track000000000010049/sections:(completiondetail,lessondetail)

Return Values:


```
{
   "id":"stuce000000000389597",
   "type":"CERTIFICATION",
   "certification":{
      "id":"crtfy000000000009911",
      "displayName":"Test_Certification_001"
   },
   "owner":{
      "id":"emplo000000000285703",
      "displayName":"uone17 uone17"
   },
   "acquiredOn":"2008-03-11T00:00:00.000+0530",
   "assignedOnDate":"2008-03-11T11:07:07.000+0530",
   "expired_on":"2008-03-13T00:00:00.000+0530",
   "recert_window_starts_on":"2008-03-15T00:00:00.000+0530",
   "revoked_on":null,
   "inRecertification":false,
   "status":{
      "intStatus":100,
      "description":"Acquired"
   },
   "path":{
      "id":"track000000000010049",
      "displayName":"Recertification Path",
      "is_default_path":false,
      "is_acquisition_path":false,
      "percentcompleted":100,
      "is_recert_path":true,
      "no_of_total_modules":1,
      "no_of_reqd_modules":1,
      "learningModules":[
```

```
        {
           "sequence":1,
           "name":"Java",
           "id":"cegrp000000000200201",
           "is_reqd":true,
           "no_of_total_items":2,
           "no_of_reqd_items":2,
           "no_of_total_items_completed":2,
           "learningInterventions":[
              {
                 "sequence":1,
                 "type":"COURSE",
                 "part_id":{
                    "id":"cours000000000200706",
                    "course_no":"00004149",
                    "displayName":"nc0508-1"
                 },
                 "is_completed":true,
                 "is_completion_by_equivalent":false,
                 "id":"edupl000000000200340",
                 "lessonDetails":{
                    "class_id":"dowbt000000000039112",
                    "registration_id":"regdw000000000310120",
                    "class_no":"00016147",
                    "contentDetails":[
                       {
                          "lessonStatus":"N",
                          "lessonLocation":"",
                          "contextId":"ctctx000000001258979",
                          "contentTitle":"A001",
                          "subscriptionId":"ctnsr000000000751124"
                       },
                       {
                          "lessonStatus":"N",
                          "lessonLocation":"",
                          "contextId":"ctctx000000001258979",
                          "contentTitle":"A001",
                          "subscriptionId":"ctnsr000000000751125"
                       },
                       {
                          "lessonStatus":"f",
                          "lessonLocation":"a001_end.html",
                          "contextId":"ctctx000000001258979",
                          "contentTitle":"Assessment",
                          "subscriptionId":"ctnsr000000000751126"
                       },
                       {
                          "lessonStatus":"f",
                          "lessonLocation":"a001_end.html",
                          "contextId":"ctctx000000001258979",
                          "contentTitle":"Assessment",
                          "subscriptionId":"ctnsr000000000751127"
                       }
                    ]
                 },
                 "completionStatus":{
                    "key":100,
                    "desc":"Not Evaluated"
                 }
              }
           ]
        },
```

```
        {
           "sequence":2,
           "type":"CERTIFICATION",
           "part_id":{
              "id":"crtfy000000000006671",
              "displayName":"Test_Certification1"
           },
           "status":{
              "intStatus":100,
              "description":"Acquired"
           },
           "id":"edupl000000000200150"
        }
     ]
  }
}
```


To get the completion details and lesson details for a specific path within a specific held curriculum:

https://<
hostname-api.sabacloud.com>/v1/learning/heldlearningevent/stcur000000000001744/track000000000201068/sections:(completiondetail,lessondetail)

Return Values:


```
{
   "id":"stcur000000000001744",
   "type":"CURRICULUM",
   "curriculum":{
      "id":"curra000000000001028",
      "displayName":"Curriculum1"
   },
   "owner":{
      "id":"emplo000000000285703",
      "displayName":"uone17 uone17"
   },
   "acquiredOn":"2008-03-11T00:00:00.000+0530",
   "assignedOnDate":"2008-03-11T11:07:07.000+0530",
   "expired_on":"2008-03-13T00:00:00.000+0530",
   "status":{
      "intStatus":400,
      "description":"Assigned"
   },
   "path":{
      "id":"track000000000010049",
      "displayName":"Recertification Path",
      "is_default_path":false,
      "is_acquisition_path":false,
      "percentcompleted":100,
      "is_recert_path":false,
      "no_of_total_modules":1,
      "no_of_reqd_modules":1,
      "learningModules":[
         {
            "sequence":1,
            "name":"Java",
            "id":"cegrp000000000200201",
            "is_reqd":true,
            "no_of_total_items":1,
            "no_of_reqd_items":1,
            "no_of_total_items_completed":1,
            "learningInterventions":[
               {
```

```
                    "sequence":1,
                    "type":"COURSE",
                    "part_id":{
                       "id":"cours000000000200709",
                       "course_no":"00005678",
                       "displayName":"Course_for_Curriculum"
                    },
                    "is_completed":true,
                    "is_completion_by_equivalent":false,
                    "id":"edupl000000000200342",
                    "lessonDetails":{
                       "class_id":"dowbt000000000039122",
                       "registration_id":"regdw000000000311120",
                       "class_no":"00016148",
                       "contentDetails":[
                          {
                             "lessonStatus":"N",
                             "lessonLocation":"",
                             "contextId":"ctctx000000011258979",
                             "contentTitle":"A001",
                             "subscriptionId":"ctnsr000000001751124"
                          },
                          {
                             "lessonStatus":"N",
                             "lessonLocation":"",
                             "contextId":"ctctx000000011258979",
                             "contentTitle":"A001",
                             "subscriptionId":"ctnsr000000001751125"
                          },
                          {
                             "lessonStatus":"f",
                             "lessonLocation":"a001_end.html",
                             "contextId":"ctctx000000011258979",
                             "contentTitle":"Assessment",
                             "subscriptionId":"ctnsr000000001751126"
                          },
                          {
                             "lessonStatus":"f",
                             "lessonLocation":"a001_end.html",
                             "contextId":"ctctx000000011258979",
                             "contentTitle":"Assessment",
                             "subscriptionId":"ctnsr000000001751127"
                          }
                       ]
                    },
                    "completionStatus":{
                       "key":100,
                       "desc":"Not Evaluated"
                    }
                 }
              ]
           }
        ]
     }
}
```


Note: For more details on this see REST API Reference.

Use case

Customers often use the Enrollment API (/v1/people/:id/enrollments or /v1/enrollment). These high-level Enrollment APIs do provide good amount of detail when using includeDetails=true, but certain things are still missing. To get these, they have to call the Enrollment Detail API for each enrollment i.e. /v1/enrollments/:id/sections:regdetail.

This enhancement helps reduce the number of API calls, which return all the details returned by the current Enrollment Detail API for each Registration ID.

Chapter 2

Analytics

Topics:

Framework enhancements

Add exceptions to reports

How did it work?

"Converse" or "Exception" reporting was not supported.

How does it work now?

This update now allows "Converse" or "Exception" reporting where you have the ability to report on data facts that are NOT EXISTING in the recorded storage.

Note: By default, this feature will be disabled. To enable this feature, submit a support request. For assistance, contact Saba support.

To enable this feature, the Saba "admin" user must enable the following property under **Analytics Site > Configuration > Functionality**:

- Exceptions

Figure 28: Exceptions property

While creating a new report, you will now be able to add exceptions to that report.

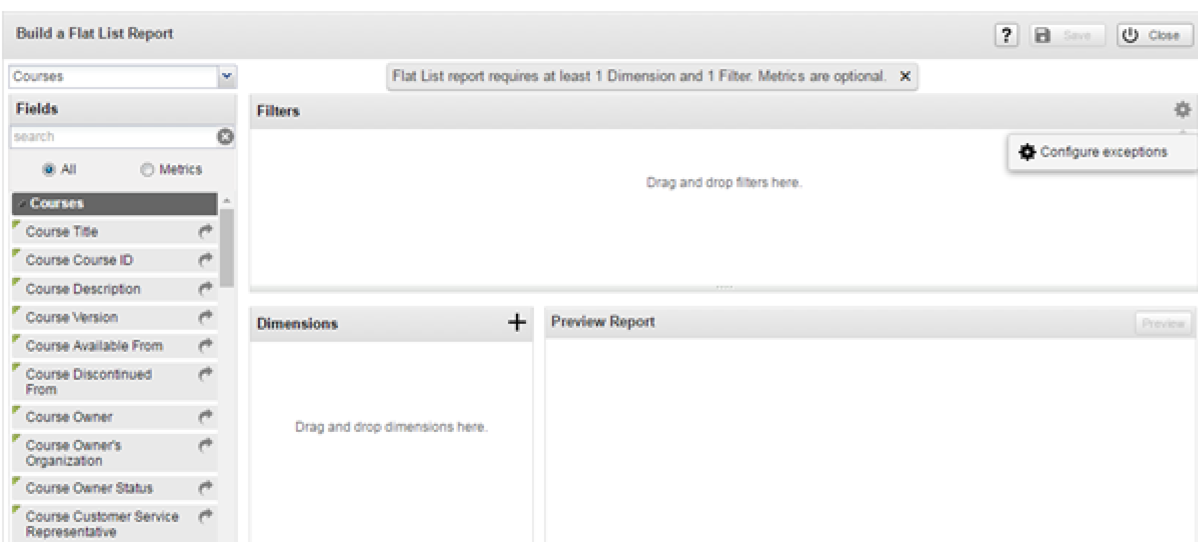


Figure 29: Configure exceptions

Clicking **Configure exceptions** brings up the **Configure exceptions** page.

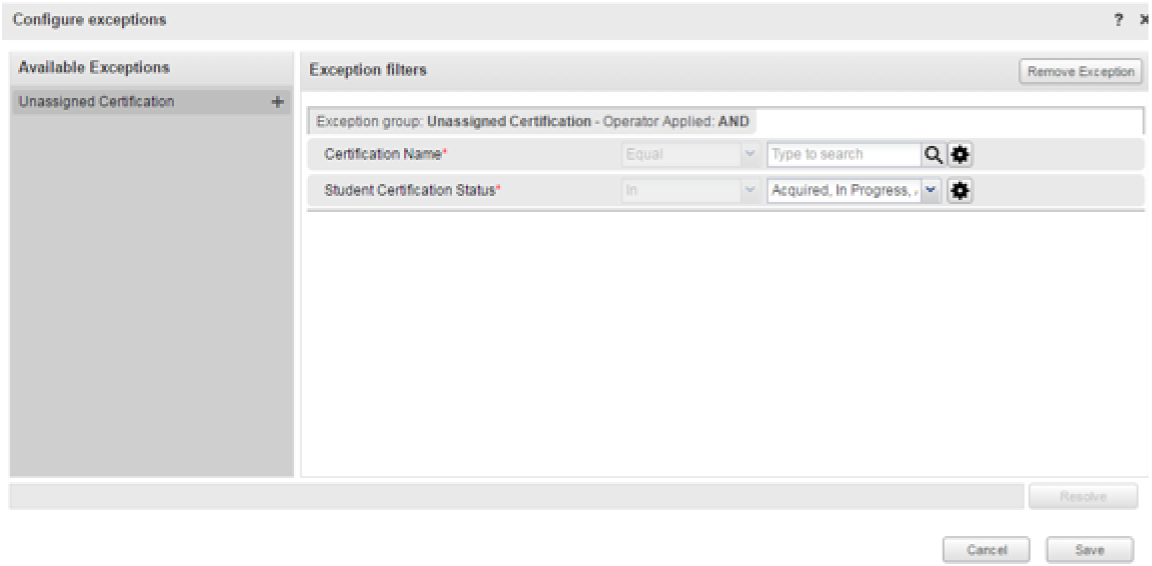


Figure 30: Configure exceptions page

To add an exception group from the **Available Exceptions** section click **+**.

Note: **Available Exceptions** section holds the pre-defined exceptions which can be added to a report.

To remove an already added exception group click **Remove Exception**. Click **Save** after making the required changes.

Note:

- You can only add one exception group per report.
- An exception group is not allowed when a report is created with "ALL" grouping.
- An exception group will be added to a report using the AND logical operator only.
- Exception grouping and Filter grouping are not allowed together.
- Exception filters are not counted as part of the main filter.

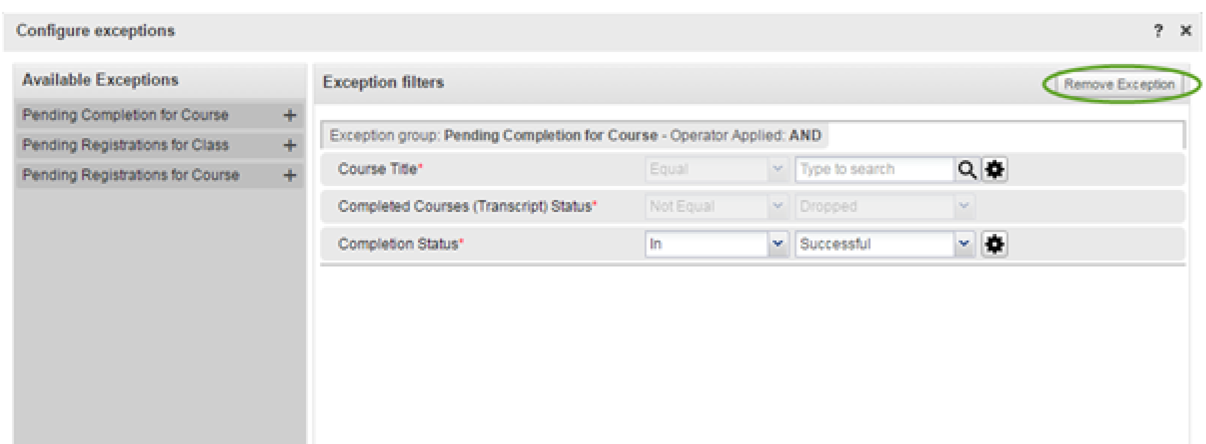


Figure 31: Exceptions added

The exceptions that you add to a report can be seen at the time of executing that report by hovering your mouse over the filters.

Resolve button assists the admin to remove incompatible dimensions that may have been added along with.

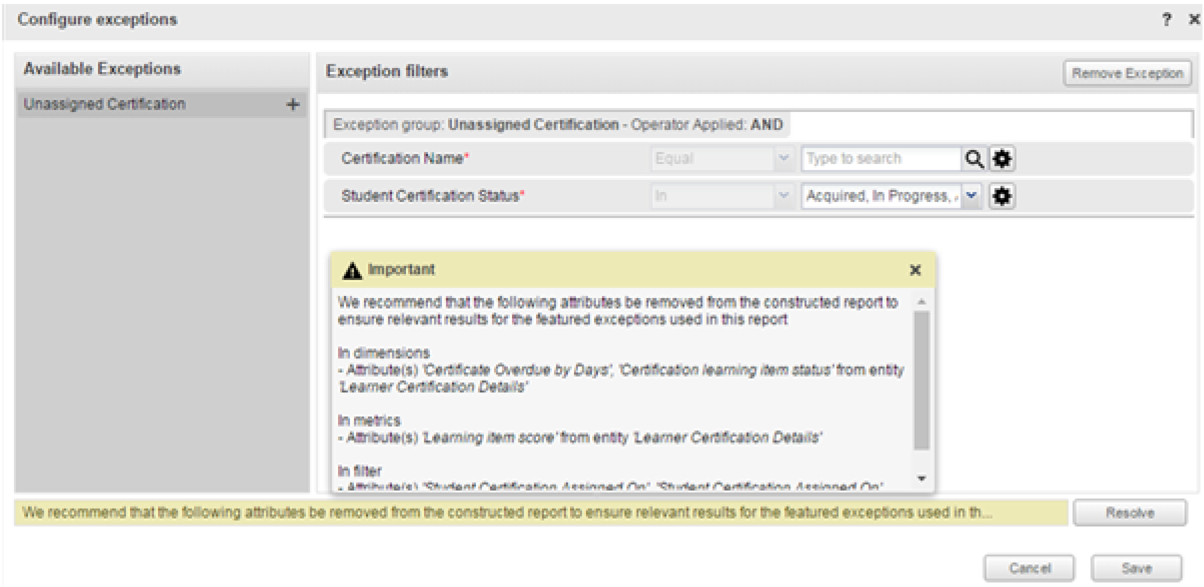


Figure 32: Resolving incompatibilities

The message bar recommends certain attributes that are taken out of the added dimension/metric/filters to ensure the exception report produces the relevant results for the featured exceptions. On hovering over the yellow bar, a larger "Important" message box shows up. The Resolve button removes the dimensions, metrics and filters that are identified as incompatible for this report.

Note: Saba only recommends and the user is free to retain them ignoring the recommendation.

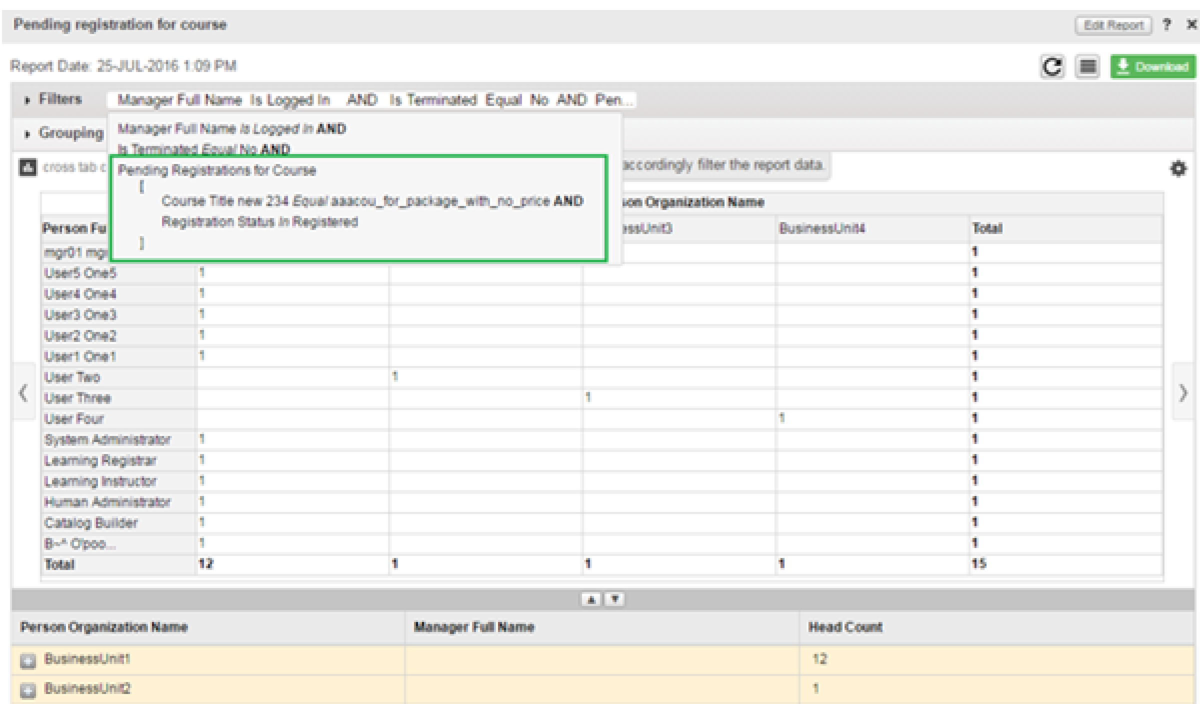


Figure 33: View the added exceptions

The following OOB exception reports have also been introduced:

- Exception Report – Pending Course Completion
- Exception Report – Unassigned Certification

Use case

Businesses require easy access to data that are NOT directly recorded facts (like unassigned courses, certifications, goals) in the application. This enhancement makes it possible to report on data facts that are NOT EXISTING in the recorded storage, for example:

- There are 10,000 users in the system. 7348 have been assigned the "Health and Safety Guidelines" certification. You want to report on those who are out of the assignment bracket.

Embed an Analytics Dashboard, Report or Chart in an external portal

How did it work?

It was not possible to embed Analytics Dashboards, Reports or Charts in an external portal. This is a new functionality.

How does it work now?

This update now allows embedding Analytics Dashboards, Reports or Charts in an external portal. This will allow enterprises to display dashboard reports, charts or even reporting data in their in house portal space.

While viewing reports, you now have **Embed** as an action for a dashboard or a report.

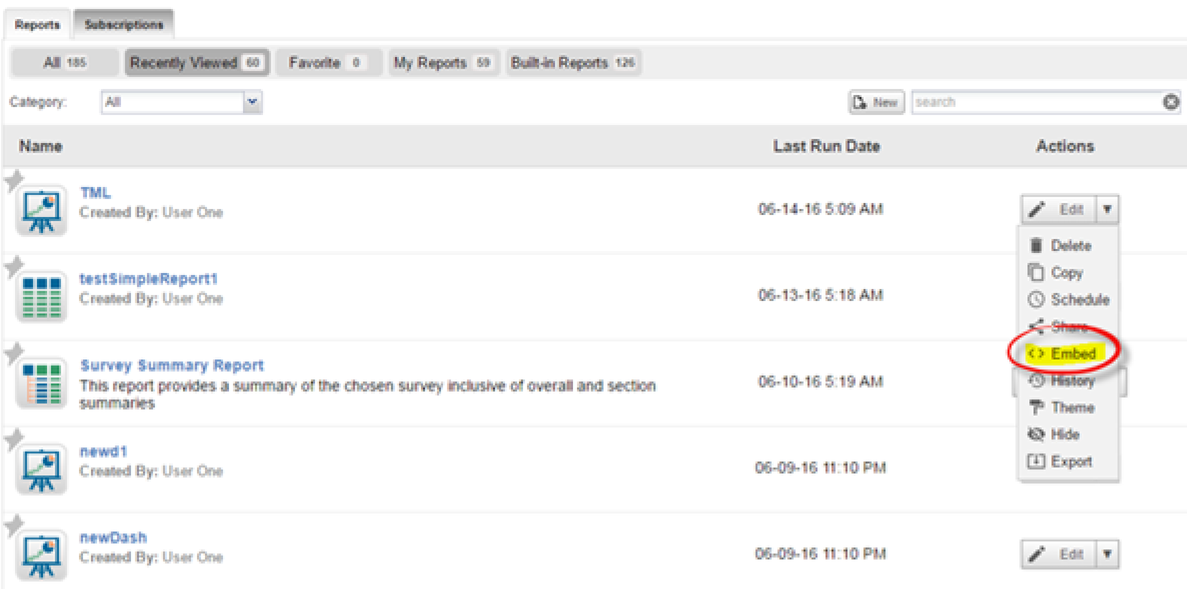


Figure 34: Embed option

Clicking **Embed** brings up the **Embed** pop up.

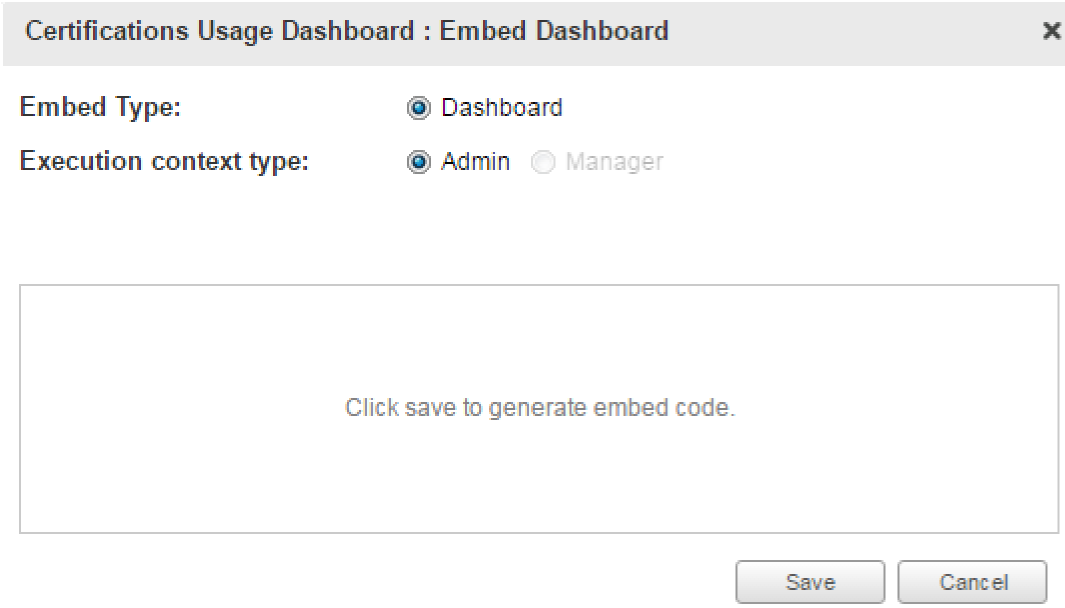


Figure 35: Embed pop up for dashboards

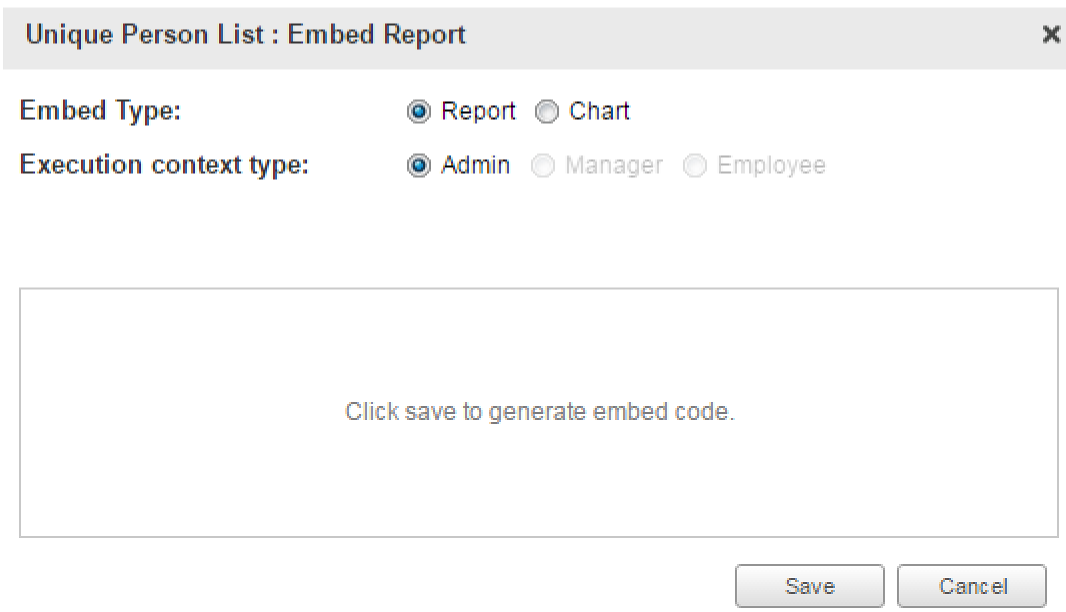


Figure 36: Embed pop up for reports

For reports, you can choose to embed the entire report or just the chart using the following options:

- Report
- Chart

You also need to select the context type (such as Admin, Manager or Employee) for that particular embed. The Manager or Employee contexts will be available based on whether that particular report or dashboard is shared with managers or employees.

After you select the embed type and the context, click **Save** to generate the embed code.

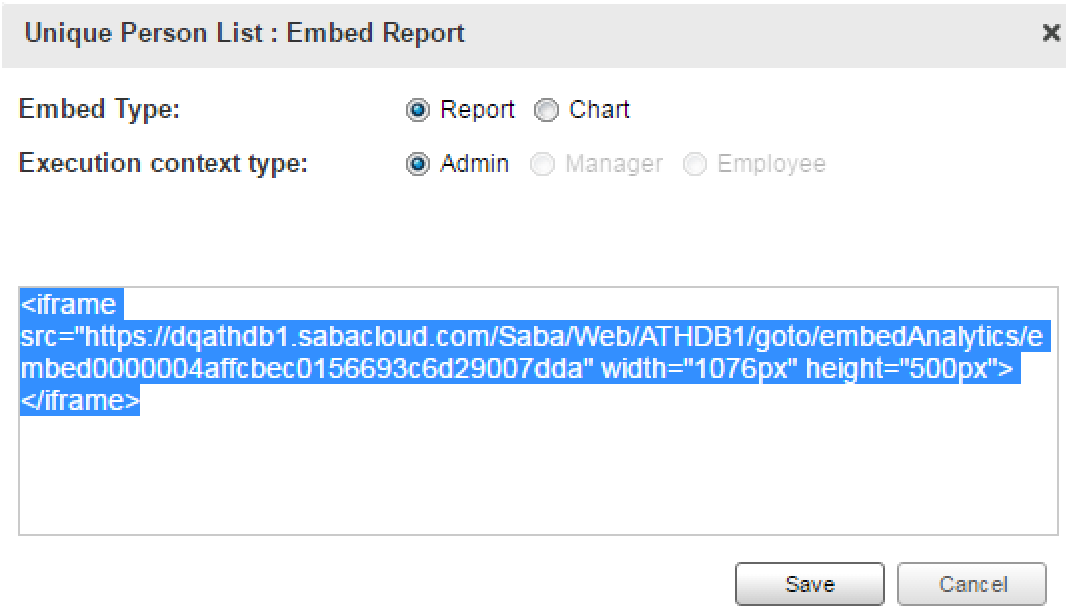


Figure 37: Embed code

You can now use this code in any external portals as a part of the HTML code.

Note:

This feature honors the security process and associated privileges. Features like Terms and Conditions, Customer Onboarding are not honored in the embed feature. The Analytics admin is forewarned about this at the time of embed code generation.

The report presentation follows execution context as set for the report.

You can practically embed in any location that allows html code

Use case

Such embedding allows the dashboard to be presented even within the system canvas of Saba Cloud.

Support Data Is Protected individually for Person and Organization fix custom dimensions

How did it work?

Before the update, when any custom attribute such as **Person Custom 0** was used in a report, and if this attribute is flagged as **Data Is Protected** in any one of the component such as **External** (which is a component of Person custom), then the application used to return an error indicating: ‘You do not have access to attribute ‘Person Custom 0’’ even though the user was trying to view the data of the **Internal** component.

How does it work now?

After this update, if the user wants to see the data of the **Internal** component, then the user can simply use the **Person Type** filter and select the operator as **Equals/In** and the value as **Internal**. Now since the user has access to the Internal component's data, the report will return successfully. If the user selects External as the filter value, the report will return an error indicating: ‘You do not have access to attribute ‘Person Custom 0’’.

Note: If the user does not select a filter, then the report will continue to work like before. That is it will consider both the components, and if the user does not have access on any one component, the report execution will fail with an error.

The same is applicable for the Organization fix custom dimensions.

Use case

N/A

Line charts to now support sorting on dimension attributes

How did it work?

For (single dimension) line chart types, data was chronologically sorted on the basis of the date column, if it was available and if a date column was not available then data was sorted on the basis of metric count.

How does it work now?

For (single dimension) line chart types, this update now allows defining sorting (ASCENDING or DESCENDING) on dimension values instead of the date column or metric count.

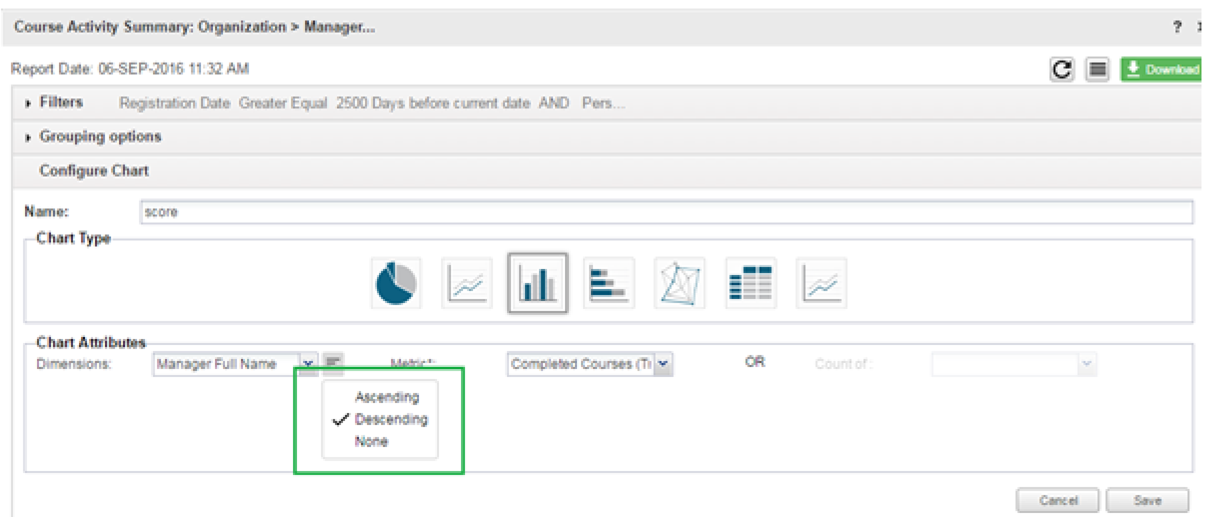


Figure 38: Sorting for dimension attributes

Note: If you set the sorting to None, data is chronologically sorted on the basis of the date column, if it is available and if a date column is not available then data is sorted on the basis of metric count.

Use case

This enhancement makes it possible for the Performance admin to create and share dashboards to managers on performance rating distribution.

New Reports

Exception Report - Unassigned Certification

How did it work?

This is a new report.

How does it work now?

This report provides a list of people who have not been assigned the selected certification.

This report needs the following services:

- Certification

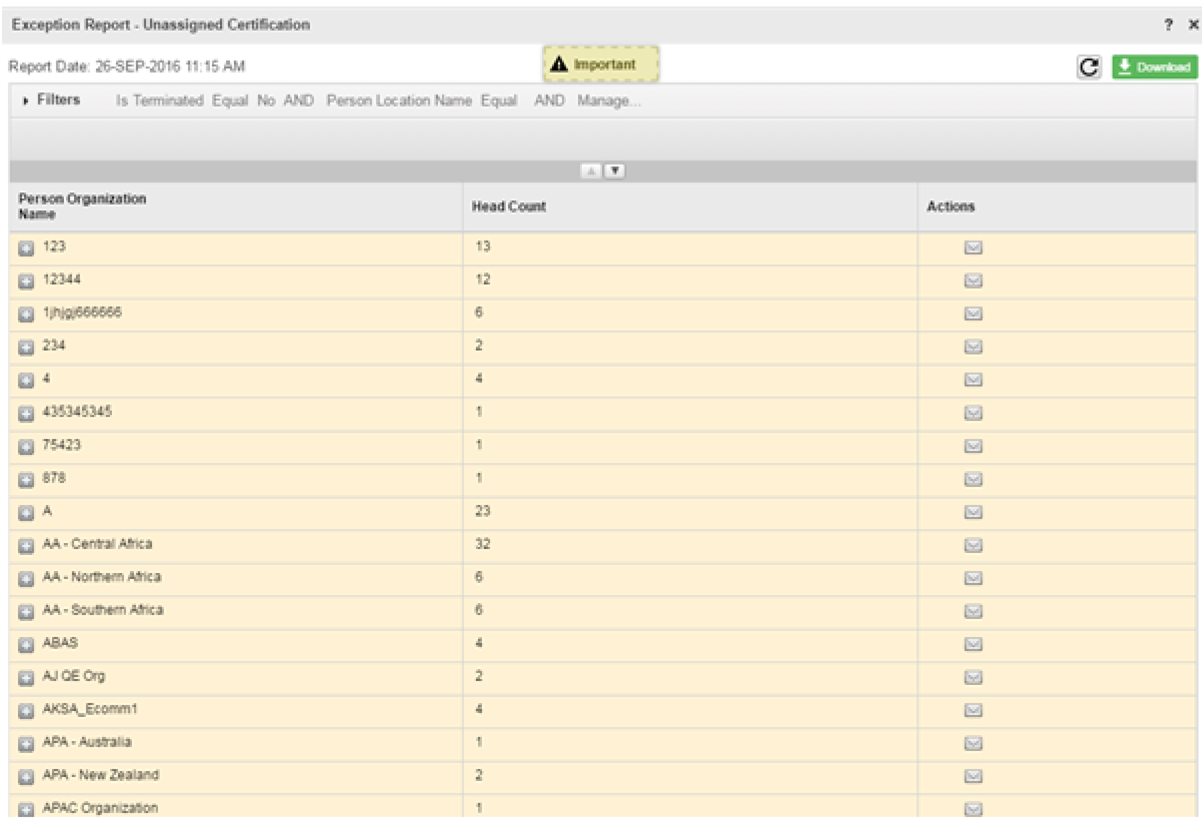


Figure 39: Exception Report - Unassigned Certification Example

Report Details

This section provides high-level details of the Exception Report - Unassigned Certification report.

Filters

This report uses the following mandatory filters:

1. Is Terminated (Equal "No")
2. Certification Name (Equal)

3. Student Certification Status (In "Acquired, In Progress, Assigned, Overdue")

This report uses the following optional filters:

1. Manager Full Name (Equal)
2. Person Location Name (Equal)
3. Person Organization Name (Equal)

Exception Groups

This report uses the following exception groups:

1. Unassigned Certification

Dimensions

This report uses the following dimensions:

1. Person Organization Name
2. Person Full Name
3. Person Username
4. Person Job Type Name
5. Manager Full Name
6. Person E-Mail
7. Person Location Name

Metrics

This report uses the following metrics:

1. Head Count

Use case

N/A

Exception Report - Pending Course Completion

How did it work?

This is a new report.

How does it work now?

This report provides the combined list of people who have not completed the course successfully post registration and those who have not been enrolled in the same course.

This report needs the following services:

- Courses
- Learning

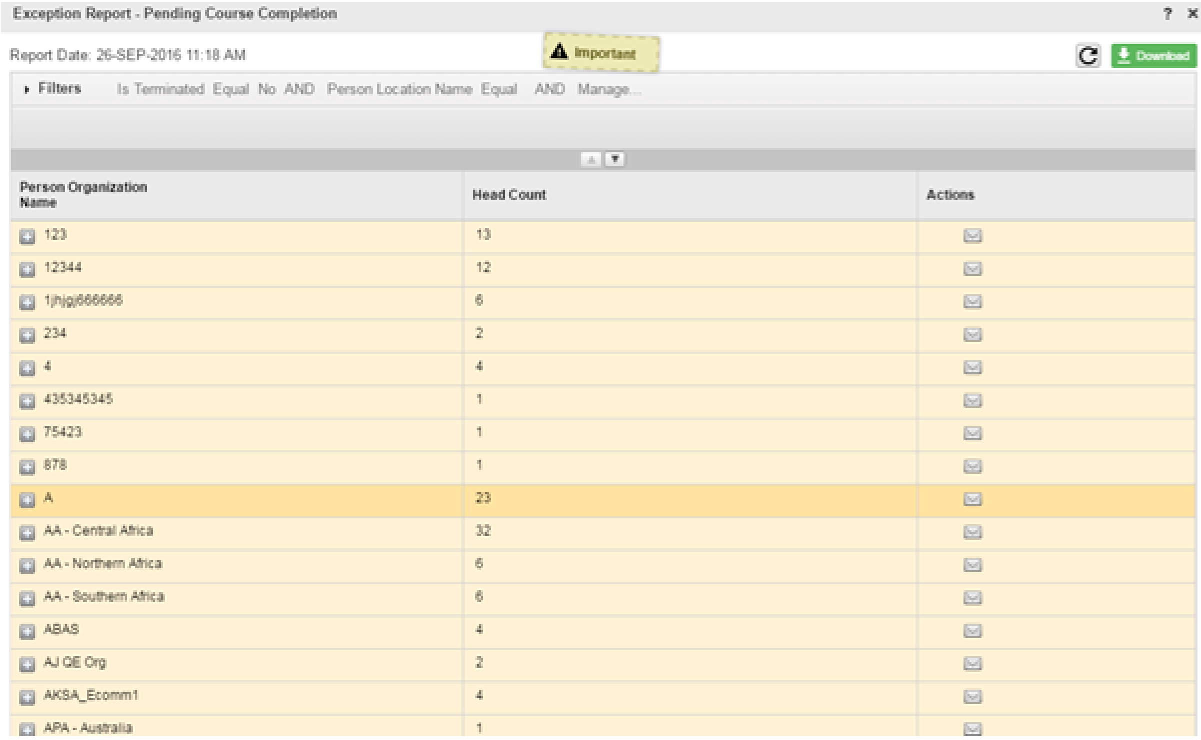


Figure 40: Exception Report - Pending Course Completion Example

Report Details

This section provides high-level details of the Exception Report - Pending Course Completion report.

Filters

This report uses the following mandatory filters:

1. Is Terminated (Equal "No")
2. Course Course Title (Equal)
3. Completion Status (Equal "Successful")

This report uses the following optional filters:

1. Manager Full Name (Equal)
2. Person Location Name (Equal)
3. Person Organization Name (Equal)

Exception Groups

This report uses the following exception groups:

1. Pending Completion for Course

Dimensions

This report uses the following dimensions:

1. Person Organization Name
2. Person Full Name
3. Person Username
4. Person Job Type Name
5. Manager Full Name
6. Person E-Mail
7. Person Location Name

Metrics

This report uses the following metrics:

1. Head Count

Use case

N/A

Pulse Survey Report By Respondent

How did it work?

This is a new report.

How does it work now?

This report provides the Pulse Survey details for each respondent.

This report needs the following services:

- Custom Surveys

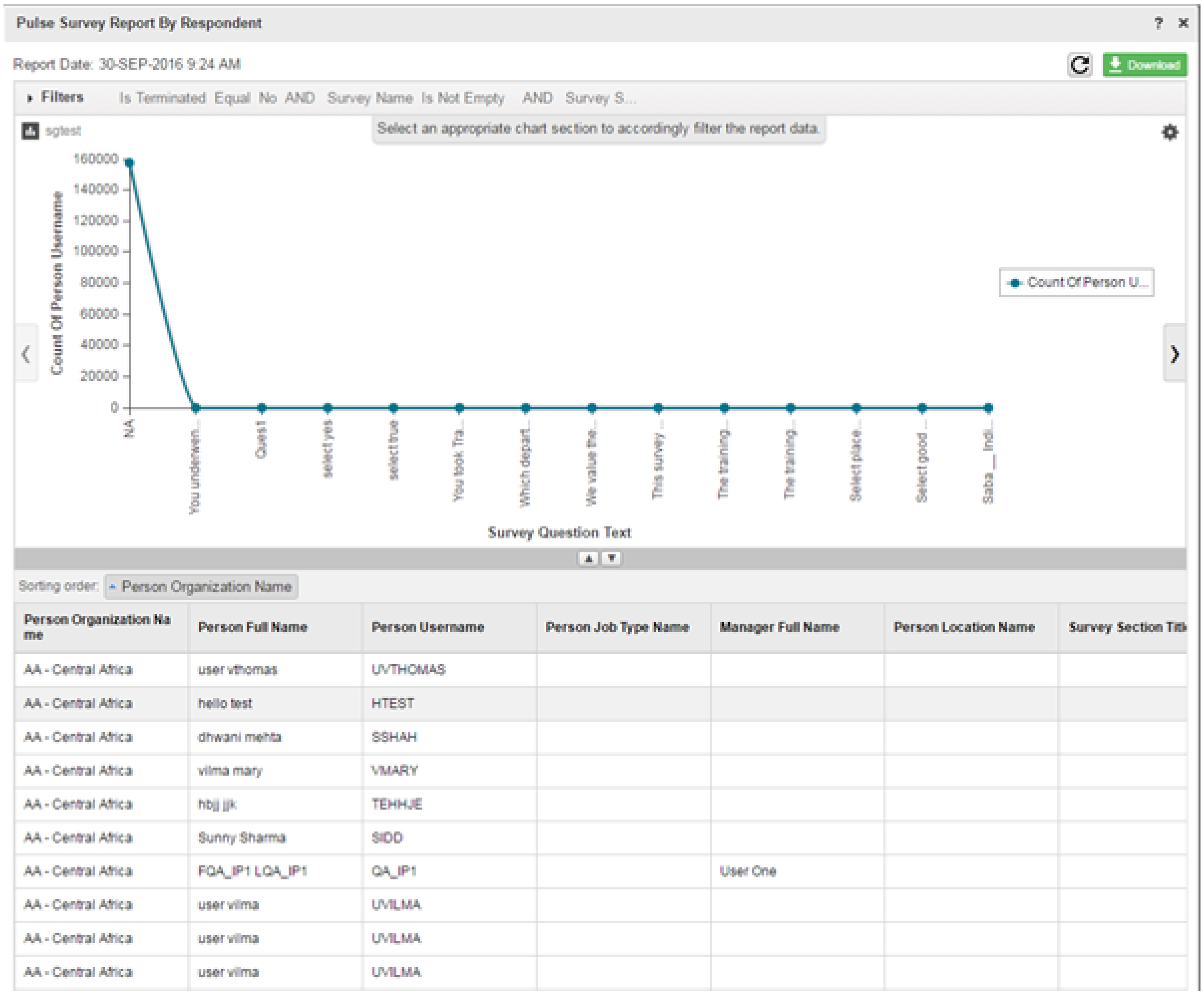


Figure 41: Pulse Survey Report By Respondent Example

Report Details

This section provides high-level details of the Pulse Survey Report By Respondent Report.

Filters

This report uses the following mandatory filters:

1. Is Terminated (Equal "No")
2. Survey Name (Equal)

This report uses the following optional filters:

1. Survey Submitted On within a defined range
2. Person Location Name (In)
3. Person Organization Name (In)
4. Manager Full Name (In)
5. Person Full Name (In)

Dimensions

This report uses the following dimensions:

1. Person Organization Name
2. Person Full Name
3. Person Username
4. Person Job Type Name
5. Manager Full Name
6. Person Location Name
7. Survey Section Title
8. Survey Question Text
9. Survey Question Response
10. Survey Question Comments
11. Survey Participant Score

Use case

N/A

Anonymous Pulse Survey Report

How did it work?

This is a new report.

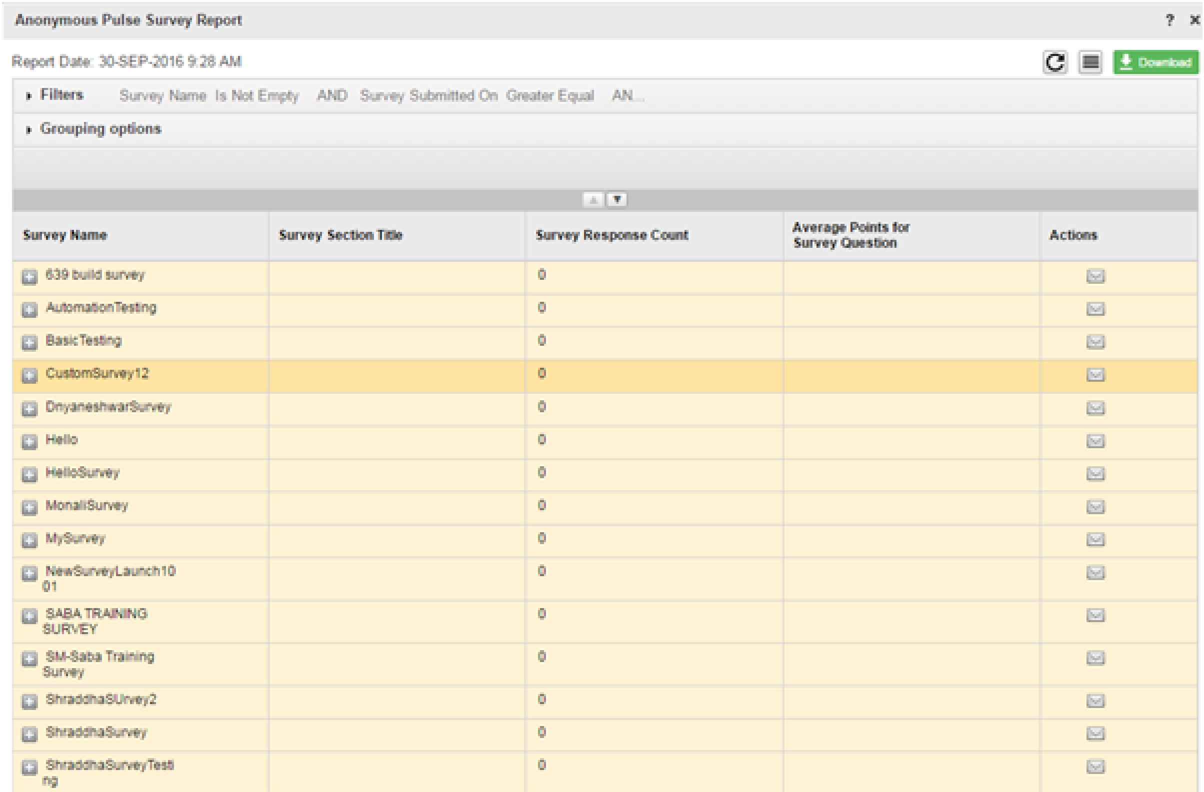
How does it work now?

This report provides the details of the Anonymous Pulse Survey.

Note: This report will show data only when at least three or more people have completed the Anonymous Pulse survey.

This report needs the following services:

- Custom Surveys



Survey Name	Survey Section Title	Survey Response Count	Average Points for Survey Question	Actions
639 build survey		0		
AutomationTesting		0		
BasicTesting		0		
CustomSurvey12		0		
DnyaneshwarSurvey		0		
Hello		0		
HelloSurvey		0		
MonaliSurvey		0		
MySurvey		0		
NewSurveyLaunch1001		0		
SABA TRAINING SURVEY		0		
SM-Saba Training Survey		0		
ShraddhaSUrvey2		0		
ShraddhaSurvey		0		
ShraddhaSurveyTesting		0		

Figure 42: Anonymous Pulse Survey Report Example

Report Details

This section provides high-level details of the Anonymous Pulse Survey Report.

Filters

This report uses the following mandatory filters:

1. Survey Name

This report uses the following optional filters:

1. Survey Submitted On within a defined range

Dimensions

This report uses the following dimensions:

1. Survey Name
2. Survey Section Title
3. Survey Question Text
4. Survey Question Response
5. Survey Question Comments
6. Survey Participant Score

Metrics

This report uses the following metrics:

1. Survey Response Count
2. Average Points for Survey Question

Use case

N/A

New Attributes

Pulse 360

How did it work?

These are new attributes.

How does it work now?

This section describes the attributes that have been added under the Pulse 360 reports model in the Saba application.

Note: The **Available in Dashboard** column indicates if that entity is available in the dashboards.

Table 86: Pulse 360 Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Pulse 360 Feedback	Pulse 360 Category	Dimension	Yes	Pulse 360 Category
Pulse 360 Feedback	Location Number	Dimension	Yes	Location Number
Pulse 360 Feedback	Location Name	Dimension	Yes	Location Name
Pulse 360 Feedback	Organization Number	Dimension	Yes	Organization Number
Pulse 360 Feedback	Organization Name	Dimension	Yes	Organization Name
Pulse 360 Feedback	Job Name	Dimension	Yes	Job Name
Pulse 360 Feedback	Country	Dimension	Yes	Country

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Pulse 360 Feed~ back	Created On	Dimension	Yes	Created On
Pulse 360 Feed~ back	Updated On	Dimension	Yes	Updated On
Pulse 360 Feed~ back	Pulse 360 Question	Dimension	Yes	Pulse 360 Question
Pulse 360 Feed~ back	Pulse 360 Re~ sponse	Dimension	Yes	Pulse 360 Response
Pulse 360 Feed~ back	Pulse 360 Question Type	Dimension	Yes	Pulse 360 Question Type
Pulse 360 Feed~ back	Positive Re~ sponse Count	Metric	Yes	Positive Response Count
Pulse 360 Feed~ back	Negative Re~ sponse Count	Metric	Yes	Negative Response Count
Pulse 360 Feed~ back	Keyword Re~ sponse Count	Metric	Yes	Keyword Response Count
Pulse 360 Feed~ back	Positive Re~ sponse Percent for YesNo Question	Metric	Yes	Positive Response Percent for YesNo Question
Pulse 360 Feed~ back	Negative Re~ sponse Percent for YesNo Question	Metric	Yes	Negative Response Percent for YesNo Question

Note: Analytics will calculate the pulse score for the historical feedback data based on the feedback received for the selected date/date-range for the report. This will not essentially match the pulse score shown on the UI for that particular date since the pulse score on the application considers all the latest feedback up to the selected date (which could be outside of date range selected).

Use case

The Pulse 360 Feedback attributes allow the performance admin to extract responses from Pulse 360 question and also provide the historical context to how the score has changed over a period of time.

Profile

How did it work?

These are new attributes.

How does it work now?

This section describes the attributes that have been added under the Profile reports model in the Saba application.

Note: The **Available in Dashboard** column indicates if that entity is available in the dashboards.

Table 87: Profile Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Person Skills	Assessment Comment	Dimension	No	Assessment Comment
Person Skills	Assessment Comment Ad~ ded By	Dimension	No	Assessment Comment Added By
Person Skills	Assessment Comment Ad~ ded On	Dimension	No	Assessment Comment Added On
Person Skills	Assessment Comment Source	Dimension	No	Assessment Comment Source
Person Details	Plan Summary Email Digest Preference	Dimension	No	User's preference about receiving Plan Summary Email Digest which can be No Mail, Weekly Mail or Monthly Mail
Person Organiz~ ation	Person Organiz~ ation Type of Business	Dimension	No	Type of business of an external organization
Person JobType	Person Job Type Job Code	Dimension	No	Job Code defined for Job assigned to a Person

Use case

Customers can now pull these new attributes (Dimensions/Metrics) while creating or updating the Analytics reports.

Performance

How did it work?

These are new attributes.

How does it work now?

This section describes the attributes that have been added under the Performance reports model in the Saba application.

Note: The **Available in Dashboard** column indicates if that entity is available in the dashboards.

Table 88: Performance Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Goal Progress Audit Details	Goal Progress Audit Component	Dimension	No	Goal Progress Audit Component Name
Goal Progress Audit Details	Goal Progress Audit Reason	Dimension	No	Goal Progress Audit Reason for Audit entry
Goal Progress Audit Details	Goal Progress Audit Old Value	Dimension	No	Old Value of Goal Progress attribute
Goal Progress Audit Details	Goal Progress Audit New Value	Dimension	No	New Value of Goal Progress attribute
Goal Progress Audit Details	Goal Progress Audit Created Date	Dimension	No	Date on which Goal Progress audit was done
Goal Progress Audit Details	Goal Progress Audited On (MM/DD/YYYY HH:MI:SS)	Dimension	No	Date and Time for Goal Progress Audit entry
Goal Progress Audit Details	Goal Progress Audit Attribute	Dimension	No	Name of Goal Progress attribute which was audited

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Goal Progress Audit Details	Goal Progress Audit Created By (Full Name)	Dimension	No	Full name of the person who changed value of Goal Progress attribute
Goal Progress Audit Details	Goal Progress Audit Descrip~tion	Dimension	No	Audit action for which audit entry was added
Goal Progress Audit Details	Goal Progress Audit Created By (Username)	Dimension	No	Username of the person who changed value of Goal Progress attribute
Goal Progress Audit Details	Goal Progress Audit Proxy Full Name	Dimension	No	Fullname of the Proxy user who changed value of Goal Progress attribute
Goal Progress Audit Details	Goal Progress Audit Proxy User Name	Dimension	No	Username of the Proxy user who changed value of Goal Progress attribute

Use case

Customers can now pull these new attributes (Dimensions/Metrics) while creating or updating the Analytics reports.

Compensation

How did it work?

These are new attributes.

How does it work now?

This section describes the attributes that have been added under the Compensation reports model in the Saba application.

Note: The **Available in Dashboard** column indicates if that entity is available in the dashboards.

Table 89: Compensation Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Plan Cycle Audit Details	Plan Cycle Audit Compon~ent	Dimension	No	Plan Cycle Audit Component Name

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Plan Cycle Audit Details	Plan Cycle Audit Reason	Dimension	No	Plan Cycle Audit Reason for Audit entry
Plan Cycle Audit Details	Plan Cycle Audit Old Value	Dimension	No	Old Value of Plan Cycle attribute
Plan Cycle Audit Details	Plan Cycle Audit New Value	Dimension	No	New Value of Plan Cycle attribute
Plan Cycle Audit Details	Plan Cycle Audit Created Date	Dimension	No	Date on which Plan Cycle audit was done
Plan Cycle Audit Details	Plan Cycle Audited On (MM/DD/YYYY HH:MI:SS)	Dimension	No	Date and Time for Plan Cycle Audit entry
Plan Cycle Audit Details	Plan Cycle Audit Attribute	Dimension	No	Name of Plan Cycle attribute which was audited
Plan Cycle Audit Details	Plan Cycle Audit Created By (Full Name)	Dimension	No	Full name of the person who changed value of Plan Cycle attribute
Plan Cycle Audit Details	Plan Cycle Audit Descrip~ tion	Dimension	No	Audit action for which audit entry was added
Plan Cycle Audit Details	Plan Cycle Audit Created By (Username)	Dimension	No	Username of the person who changed value of Plan Cycle attribute
Plan Cycle Audit Details	Plan Cycle Audit Proxy Full Name	Dimension	No	Fullname of the Proxy user who changed value of Plan Cycle attribute

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Plan Cycle Audit Details	Plan Cycle Audit Proxy User Name	Dimension	No	Username of the Proxy user who changed value of Plan Cycle attribute

Use case

Customers can now pull these new attributes (Dimensions/Metrics) while creating or updating the Analytics reports.

Using the **Plan Cycle Audit Details** attributes, the Compensation admin will now be able to create and run audit reports for any compensation plan.

Learning

How did it work?

These are new attributes.

How does it work now?

This section describes the attributes that have been added under the Learning reports model in the Saba application.

Note: The **Available in Dashboard** column indicates if that entity is available in the dashboards.

Table 90: Learning Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Assessment Results	Assessment Question Re~ sponse Essay	Dimension	No	Assessment Question Response Essay **Note:** Supports the full essay response while being exported as a CSV file (in case of data extract report only) and the first 999 characters on the UI.
Survey And Evaluations	Question Re~ sponse Essay	Dimension	No	Question Response Essay **Note:** Supports the full essay response while being exported as a CSV file (in case of data extract report only) and the first 999 characters on the UI.
Anonymous Survey	Question Re~ sponse Essay	Dimension	No	Question Response Essay **Note:** Supports the full essay response while being exported as a CSV file (in case of data extract report only) and the first 999 characters on the UI.

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Anonymous Survey as Con~ tent	Question Re~ sponse Essay	Dimension	No	Question Response Essay **Note:** Supports the full essay response while being exported as a CSV file (in case of data extract report only) and the first 999 characters on the UI.
Courses	Is Course in Role	Dimension	No	Is current course part of any Job Role
Courses	Course Job Role Name	Dimension	No	Name of the Job Role in which current course is added
Classes	Class Owner Custom0	Dimension	No	Custom0 field of Class Owner Person
Classes	Class Owner Custom1	Dimension	No	Custom1 field of Class Owner Person
Classes	Class Owner Custom2	Dimension	No	Custom2 field of Class Owner Person
Classes	Class Owner Custom3	Dimension	No	Custom3 field of Class Owner Person
Classes	Class Owner Custom4	Dimension	No	Custom4 field of Class Owner Person
Classes	Class Owner Custom5	Dimension	No	Custom5 field of Class Owner Person
Classes	Class Owner Custom6	Dimension	No	Custom6 field of Class Owner Person
Classes	Class Owner Custom7	Dimension	No	Custom7 field of Class Owner Person
Classes	Class Owner Custom8	Dimension	No	Custom8 field of Class Owner Person

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Classes	Class Owner Custom9	Dimension	No	Custom9 field of Class Owner Person
Classes	Class Owner Person Type	Dimension	No	Person Type field of Class Owner Person. It will have values Internal and External.
Curricula Details	Curricula Display for Learner	Dimension	No	Display this curricula to Learner
Curricula Details	Curricula Display for Call Center	Dimension	No	Display this curricula to Call Center
Curricula Details	Curricula Allow self registration	Dimension	No	Allow self registration on this curricula
Certification Details	Certification Display for Learner	Dimension	No	Display this certification to Learner
Certification Details	Certification Display for Call Center	Dimension	No	Display this certification to Call Center
Certification Details	Certification Allow self registration	Dimension	No	Allow self registration on this Certification
Courses Catalog	Is Course in Role	Dimension	No	Is current course part of any Job Role
Courses Catalog	Course Job Role Name	Dimension	No	Name of the Job Role in which current course is added
Certification Details	Is Certification in JobRole	Dimension	No	Is current certification part of any Job Role

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Certification Details	Certification Job Role Name	Dimension	No	Name of the Job Role in which current certifica~ tion is added
Curricula De~ tails	Is Curricula in JobRole	Dimension	No	Is current Curricula part of any Job Role
Curricula De~ tails	Curricula Job Role Name	Dimension	No	Name of the Job Role in which current curricula is added
Classes Catalog	Class Owner Custom0	Dimension	No	Custom0 field of Class Owner Person
Classes Catalog	Class Owner Custom1	Dimension	No	Custom1 field of Class Owner Person
Classes Catalog	Class Owner Custom2	Dimension	No	Custom2 field of Class Owner Person
Classes Catalog	Class Owner Custom3	Dimension	No	Custom3 field of Class Owner Person
Classes Catalog	Class Owner Custom4	Dimension	No	Custom4 field of Class Owner Person
Classes Catalog	Class Owner Custom5	Dimension	No	Custom5 field of Class Owner Person
Classes Catalog	Class Owner Custom6	Dimension	No	Custom6 field of Class Owner Person
Classes Catalog	Class Owner Custom7	Dimension	No	Custom7 field of Class Owner Person
Classes Catalog	Class Owner Custom8	Dimension	No	Custom8 field of Class Owner Person
Classes Catalog	Class Owner Custom9	Dimension	No	Custom9 field of Class Owner Person

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Classes Catalog	Class Owner Person Type	Dimension	No	Person Type field of Class Owner Person. It will have values Internal and External.
Classes Catalog	Blended Class De~ scription / In~ structor-Led Class De~ scription / Remote Lab Class De~ scription / Simulation Class De~ scription / VoD Class Description / Web Based Class De~ scription / Virtual Classroom Description	Dimension	No	Description for the Class
Content Details	Content Owner Cus~ tom0	Dimension	No	Custom0 field of Content Owner Person
Content Details	Content Owner Cus~ tom1	Dimension	No	Custom1 field of Content Owner Person
Content Details	Content Owner Cus~ tom2	Dimension	No	Custom2 field of Content Owner Person
Content Details	Content Owner Cus~ tom3	Dimension	No	Custom3 field of Content Owner Person
Content Details	Content Owner Cus~ tom4	Dimension	No	Custom4 field of Content Owner Person

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Content Details	Content Owner Cus~ tom5	Dimension	No	Custom5 field of Content Owner Person
Content Details	Content Owner Cus~ tom6	Dimension	No	Custom6 field of Content Owner Person
Content Details	Content Owner Cus~ tom7	Dimension	No	Custom7 field of Content Owner Person
Content Details	Content Owner Cus~ tom8	Dimension	No	Custom8 field of Content Owner Person
Content Details	Content Owner Cus~ tom9	Dimension	No	Custom9 field of Content Owner Person
Content Details	Content Owner Per~ son Type	Dimension	No	Person Type field of Content Owner Person. It will have values Internal and External.
Content Details	Video file Name	Dimension	Yes	Name of the Video file
Content Details	Video file Size	Dimension	Yes	Size of the Video file
Content Details	Video Up~ loaded on Date	Dimension	Yes	Date on which video was uploaded
Content Details	Video Up~ loaded on Time	Dimension	Yes	Time on which video was uploaded
Content Details	Video Up~ loaded By	Dimension	Yes	Full Name of the person who uploaded the video

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Content Details	Video Up~ loaded By (Username)	Dimension	Yes	Username of the person who uploaded the video
Content Details Catalog	Is Evaluation	Dimension	No	Indicates whether the is content is evaluation or not
Content Details Catalog	Video file Name	Dimension	Yes	Name of the Video file
Content Details Catalog	Video file Size	Dimension	Yes	Size of the Video file
Content Details Catalog	Video Up~ loaded on Date	Dimension	Yes	Date on which video was uploaded
Content Details Catalog	Video Up~ loaded on Time	Dimension	Yes	Time on which video was uploaded
Content Details Catalog	Video Up~ loaded By	Dimension	Yes	Full Name of the person who uploaded the video
Content Details Catalog	Video Up~ loaded By (Username)	Dimension	Yes	Username of the person who uploaded the video
Content Details Catalog	Content Owner Cus~ tom0	Dimension	No	Custom0 field of Content Owner Person
Content Details Catalog	Content Owner Cus~ tom1	Dimension	No	Custom1 field of Content Owner Person
Content Details Catalog	Content Owner Cus~ tom2	Dimension	No	Custom2 field of Content Owner Person

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Content Details Catalog	Content Owner Cus~ tom3	Dimension	No	Custom3 field of Content Owner Person
Content Details Catalog	Content Owner Cus~ tom4	Dimension	No	Custom4 field of Content Owner Person
Content Details Catalog	Content Owner Cus~ tom5	Dimension	No	Custom5 field of Content Owner Person
Content Details Catalog	Content Owner Cus~ tom6	Dimension	No	Custom6 field of Content Owner Person
Content Details Catalog	Content Owner Cus~ tom7	Dimension	No	Custom7 field of Content Owner Person
Content Details Catalog	Content Owner Cus~ tom8	Dimension	No	Custom8 field of Content Owner Person
Content Details Catalog	Content Owner Cus~ tom9	Dimension	No	Custom9 field of Content Owner Person
Content Details Catalog	Content Owner Per~ son Type	Dimension	No	Person Type field of Content Owner Person. It will have values Internal and External.
Module Details	Content Question Re~ sponse Essay	Dimension	No	Content Question Response Essay **Note:** Supports the full essay response while being exported as a CSV file (in case of data extract report only) and the first 999 characters on the UI.
Learner Certific~ ation Details	Certification Learning Item Tran~	Dimension	No	Fullname of the Person who has updated the transcript entry for Certification Learning Item

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
	script Up~ dated By (Fullname)			
Learner Certific~ ation Details	Certification Learning Item Tran~ script Up~ dated By	Dimension	No	Username of the Person who has updated the transcript entry for Certification Learning Item
Learner Certific~ ation Details	Certification Progress Tar~ get Date	Dimension	No	Target Date for Certification Progress History. This will be available for records created post Update 36
Learner Cur~ ricula Details	Curricula Progress Tar~ get Date	Dimension	No	Target Date for Curricula Progress History. This will be available for records created post Update 36
Learner Cur~ ricula Details	Curricula Learning Item Tran~ script Up~ dated By (Fullname)	Dimension	No	Fullname of the Person who has updated the transcript entry for Curricula Learning Item
Learner Cur~ ricula Details	Curricula Learning Item Tran~ script Up~ dated By	Dimension	No	Username of the Person who has updated the transcript entry for Curricula Learning Item
Learner Cur~ ricula Details	Curricula Compliance Percentage	Metric	No	Percentage of Curricula completed by learner
Orders and Or~ derItems	Order Item Total Cost	Dimension	No	Total Cost for each order item in the order
Orders and Or~ derItems	Purchase Or~ der Purchase Order Amount	Dimension	No	Purchase Order amount

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Orders and Or~ derItems	Purchase Or~ der Amount Booked	Dimension	No	Amount booked for a Purchase Order
Orders and Or~ derItems	Order Pay~ ment Amount	Dimension	No	Amount paid for the order under a given payment mode
Registration	Pending Re~ gistrations	Dimension	No	Count of Courses which are currently in Pending Registration Status

Use case

Customers can now pull these new attributes (Dimensions/Metrics) while creating or updating the Analytics reports.

Recruiting

How did it work?

These are new attributes.

How does it work now?

This section describes the attributes that have been added under the Recruiting reports model in the Saba application.

Note: The **Available in Dashboard** column indicates if that entity is available in the dashboards.

Table 91: Recruiting Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Job Offer	Job Offer Posi~ tion	Dimension	No	Position associated with Job Offer
Candidate De~ tails	Candidate Cre~ ated On	Dimension	No	Date on which Candidate was added to system
Candidate De~ tails	External Can~ didate Custom0	Dimension	No	Custom0 field for Candidate defined on Extern~ alCandidate Component
Candidate De~ tails	External Can~ didate Custom1	Dimension	No	Custom1 field for Candidate defined on External Candidate Component

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Candidate De~ tails	External Can~ didate Custom2	Dimension	No	Custom2 field for Candidate defined on External Candidate Component
Candidate De~ tails	External Can~ didate Custom3	Dimension	No	Custom3 field for Candidate defined on External Candidate Component
Candidate De~ tails	External Can~ didate Custom4	Dimension	No	Custom4 field for Candidate defined on External Candidate Component
Candidate De~ tails	External Can~ didate Custom5	Dimension	No	Custom5 field for Candidate defined on External Candidate Component
Candidate De~ tails	External Can~ didate Custom6	Dimension	No	Custom6 field for Candidate defined on External Candidate Component
Candidate De~ tails	External Can~ didate Custom7	Dimension	No	Custom7 field for Candidate defined on External Candidate Component
Candidate De~ tails	External Can~ didate Custom8	Dimension	No	Custom8 field for Candidate defined on External Candidate Component
Candidate De~ tails	External Can~ didate Custom9	Dimension	No	Custom9 field for Candidate defined on External Candidate Component
Candidate De~ tails	External Can~ didate Cus~ tom10	Dimension	No	Custom10 field for Candidate defined on Extern~ al Candidate Component
Candidate De~ tails	External Can~ didate Cus~ tom11	Dimension	No	Custom11 field for Candidate defined on Extern~ al Candidate Component
Candidate De~ tails	External Can~ didate Cus~ tom12	Dimension	No	Custom12 field for Candidate defined on Extern~ al Candidate Component
Candidate De~ tails	External Can~ didate Cus~ tom13	Dimension	No	Custom13 field for Candidate defined on Extern~ al Candidate Component

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Candidate De~ tails	External Can~ didate Cus~ tom14	Dimension	No	Custom14 field for Candidate defined on Extern~ al Candidate Component
Candidate De~ tails	External Can~ didate Cus~ tom15	Dimension	No	Custom15 field for Candidate defined on Extern~ al Candidate Component
Candidate De~ tails	External Can~ didate Cus~ tom16	Dimension	No	Custom16 field for Candidate defined on Extern~ al Candidate Component
Candidate De~ tails	External Can~ didate Cus~ tom17	Dimension	No	Custom17 field for Candidate defined on Extern~ al Candidate Component
Candidate De~ tails	External Can~ didate Cus~ tom18	Dimension	No	Custom18 field for Candidate defined on Extern~ al Candidate Component
Candidate De~ tails	External Can~ didate Cus~ tom19	Dimension	No	Custom19 field for Candidate defined on Extern~ al Candidate Component
Candidate De~ tails	Candidate Ca~ reer Site	Dimension	No	Region of Candidate
Job Requisition Details	Job Requisition Career Sites	Dimension	No	Region of Job Requisition

Use case

Customers can now pull these new attributes (Dimensions/Metrics) while creating or updating the Analytics reports.

Social

How did it work?

These are new attributes.

How does it work now?

This section describes the attributes that have been added under the Social reports model in the Saba application.

Note: The **Available in Dashboard** column indicates if that entity is available in the dashboards.

Table 92: Social Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Idea	Idea Voter Company Name	Dimension	No	Name of the external Organization to which the learner who voted for idea belongs
Idea	Idea Voter Or~ ganization Name	Dimension	No	Name of the internal Organization to which the learner who voted for idea belongs
File/URL/Video	Video Title	Dimension	Yes	Title of the Video
File/URL/Video	Number of tags on Video	Metric	Yes	Number of tags on Video
File/URL/Video	Count of Rat~ ings for Video	Metric	Yes	Count of Ratings for Video
File/URL/Video	Average Rating for Video	Metric	Yes	Average Rating for Video
File/URL/Video	Total views for Video	Metric	Yes	Total views for Video
File/URL/Video	Total Video comments	Metric	Yes	Total Video comments
File/URL/Video	Video file Name	Dimension	Yes	Name of the Video file
File/URL/Video	Video file Size	Dimension	Yes	Size of the Video file
File/URL/Video	Video Up~ loaded on Date	Dimension	Yes	Date on which video was uploaded
File/URL/Video	Video Up~ loaded on Time	Dimension	Yes	Time on which video was uploaded

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
File/URL/Video	Video Up~ loaded By	Dimension	Yes	Full Name of the person who uploaded the video
File/URL/Video	Video Up~ loaded By (Username)	Dimension	Yes	Username of the person who uploaded the video
Blogs/Work~ space/Chan~ nelVideo	Video file Name	Dimension	Yes	Name of the Video file
Blogs/Work~ space/Chan~ nelVideo	Video file Size	Dimension	Yes	Size of the Video file
Blogs/Work~ space/Chan~ nelVideo	Video Up~ loaded on Date	Dimension	Yes	Date on which video was uploaded
Blogs/Work~ space/Chan~ nelVideo	Video Up~ loaded on Time	Dimension	Yes	Time on which video was uploaded
Blogs/Work~ space/Chan~ nelVideo	Video Up~ loaded By	Dimension	Yes	Full Name of the person who uploaded the video
Blogs/Work~ space/Chan~ nelVideo	Video Up~ loaded By (Username)	Dimension	Yes	Username of the person who uploaded the video

Use case

Customers can now pull these new attributes (Dimensions/Metrics) while creating or updating the Analytics reports and reporting on video meta-data.

System

How did it work?

These are new attributes.

How does it work now?

This section describes the attributes that have been added under the System reports model in the Saba application.

Note: The **Available in Dashboard** column indicates if that entity is available in the dashboards.

Table 93: System Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Anonymous Pulse Custom Survey	Survey Author	Dimension	No	Full name of the person who created survey
Anonymous Pulse Custom Survey	Survey Closes On	Dimension	No	Date on which Survey closes
Anonymous Pulse Custom Survey	Survey Completed On	Dimension	No	Date on which person completed survey
Anonymous Pulse Custom Survey	Survey Content Name	Dimension	No	Name of the content used in Survey
Anonymous Pulse Custom Survey	Survey Description	Dimension	No	Description of Survey
Anonymous Pulse Custom Survey	Survey Essay Type Question Response	Dimension	No	Full response for Essay Type Question in Survey
Anonymous Pulse Custom Survey	Survey Exam ID	Dimension	No	Exam ID for Content used in the Survey
Anonymous Pulse Custom Survey	Survey Expired On	Dimension	No	Date on which Survey Expired
Anonymous Pulse Custom Survey	Survey ID	Dimension	No	Survey ID for Pulse Custom Survey

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Anonymous Pulse Custom Survey	Survey Name	Dimension	No	Name of the Pulse Custom survey
Anonymous Pulse Custom Survey	Survey Parti~ cipant Score	Dimension	No	Score of the participant in Pulse custom survey
Anonymous Pulse Custom Survey	Survey Parti~ cipant Status	Dimension	No	Completion Status of Participant in Pulse Custom Survey
Anonymous Pulse Custom Survey	Survey Ques~ tion Comments	Dimension	No	Comments added for questions in Pulse Custom Survey
Anonymous Pulse Custom Survey	Survey Ques~ tion ID	Dimension	No	Question ID for Pulse Custom Survey Questions
Anonymous Pulse Custom Survey	Survey Ques~ tion Response	Dimension	No	Response of Participant for Question in Pulse Custom Survey
Anonymous Pulse Custom Survey	Survey Ques~ tion Response Sequence	Dimension	No	Sequence in which the participant responded to questions
Anonymous Pulse Custom Survey	Survey Ques~ tion Response Time	Dimension	No	Time take to respond question in Pulse Custom Survey (in HH:MI:SS)
Anonymous Pulse Custom Survey	Survey Ques~ tion Text	Dimension	No	Question Text for Pulse Custom Survey
Anonymous Pulse Custom Survey	Survey Ques~ tion Type	Dimension	No	Type of Question in Pulse Custom Survey

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Anonymous Pulse Custom Survey	Survey Question Weight	Dimension	No	Question weight for question in Pulse Custom Survey
Anonymous Pulse Custom Survey	Survey Rating for Scale Type Questions	Dimension	No	Rating given for Scale Type Questions in Pulse Custom Survey
Anonymous Pulse Custom Survey	Survey Section Score Summary Rating	Dimension	No	Section score summary rating for Pulse Custom Survey
Anonymous Pulse Custom Survey	Survey Section Title	Dimension	No	Section title for Pulse Custom Survey
Anonymous Pulse Custom Survey	Survey Start Date	Dimension	No	Date on which survey will be available
Anonymous Pulse Custom Survey	Survey Status	Dimension	No	Status of the Pulse Custom Survey
Anonymous Pulse Custom Survey	Survey Submitted On	Dimension	No	Date on which Survey was assigned to participant
Anonymous Pulse Custom Survey	Survey Summary Score Rating	Dimension	No	Summary Score rating for Pulse Custom Survey
Anonymous Pulse Custom Survey	Average Points for Survey Question	Metric	No	
Anonymous Pulse Custom Survey	Average Survey Score	Metric	No	

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Anonymous Pulse Custom Survey	Average Sur~ vey Section Score	Metric	No	
Anonymous Pulse Custom Survey	Highest Survey Score	Metric	No	
Anonymous Pulse Custom Survey	Highest Survey Section Score	Metric	No	
Anonymous Pulse Custom Survey	Lowest Survey Score	Metric	No	
Anonymous Pulse Custom Survey	Lowest Survey Section Score	Metric	No	
Anonymous Pulse Custom Survey	Survey % Re~ sponse	Metric	No	
Anonymous Pulse Custom Survey	Survey Aver~ age Rating For Scale	Metric	No	
Anonymous Pulse Custom Survey	Survey Re~ sponse Count	Metric	No	
Anonymous Pulse Custom Survey	Survey Section Score Summary Rating	Metric	No	
Anonymous Pulse Custom Survey	Survey Sum~ mary Rating Scale Maxim~ um Score	Metric	No	

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Anonymous Pulse Custom Survey	Survey Summary Rating Scale Minimum Score	Metric	No	
Anonymous Pulse Custom Survey	Survey Summary Score Rating	Metric	No	
Anonymous Pulse Custom Survey	Survey Total Participants	Metric	No	
Anonymous Pulse Custom Survey	Survey Total Students Responded	Metric	No	
Pulse Custom Survey	Survey Author	Dimension	No	Full name of the person who created survey
Pulse Custom Survey	Survey Closes On	Dimension	No	Date on which Survey closes
Pulse Custom Survey	Survey Completed On	Dimension	No	Date on which person completed survey
Pulse Custom Survey	Survey Content Name	Dimension	No	Name of the content used in Survey
Pulse Custom Survey	Survey Description	Dimension	No	Description of Survey
Pulse Custom Survey	Survey Essay Type Question Response	Dimension	No	Full response for Essay Type Question in Survey
Pulse Custom Survey	Survey Exam ID	Dimension	No	Exam ID for Content used in the Survey

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Pulse Custom Survey	Survey Expired On	Dimension	No	Date on which Survey Expired
Pulse Custom Survey	Survey ID	Dimension	No	Survey ID for Pulse Custom Survey
Pulse Custom Survey	Survey Name	Dimension	No	Name of the Pulse Custom survey
Pulse Custom Survey	Survey Parti~ cipant Score	Dimension	No	Score of the participant in Pulse custom survey
Pulse Custom Survey	Survey Parti~ cipant Status	Dimension	No	Completion Status of Participant in Pulse Custom Survey
Pulse Custom Survey	Survey Ques~ tion Comments	Dimension	No	Comments added for questions in Pulse Custom Survey
Pulse Custom Survey	Survey Ques~ tion ID	Dimension	No	Question ID for Pulse Custom Survey Questions
Pulse Custom Survey	Survey Ques~ tion Response	Dimension	No	Response of Participant for Question in Pulse Custom Survey
Pulse Custom Survey	Survey Ques~ tion Response Sequence	Dimension	No	Sequence in which the participant responded to questions
Pulse Custom Survey	Survey Ques~ tion Response Time	Dimension	No	Time take to respond question in Pulse Custom Survey (in HH:MI:SS)
Pulse Custom Survey	Survey Ques~ tion Text	Dimension	No	Question Text for Pulse Custom Survey
Pulse Custom Survey	Survey Ques~ tion Type	Dimension	No	Type of Question in Pulse Custom Survey

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Pulse Custom Survey	Survey Ques~ tion Weight	Dimension	No	Question weight for question in Pulse Custom Survey
Pulse Custom Survey	Survey Rating for Scale Type Questions	Dimension	No	Rating given for Scale Type Questions in Pulse Custom Survey
Pulse Custom Survey	Survey Section Score Summary Rating	Dimension	No	Section score summary rating for Pulse Custom Survey
Pulse Custom Survey	Survey Section Title	Dimension	No	Section title for Pulse Custom Survey
Pulse Custom Survey	Survey Start Date	Dimension	No	Date on which survey will be available
Pulse Custom Survey	Survey Status	Dimension	No	Status of the Pulse Custom Survey
Pulse Custom Survey	Survey Submit~ ted On	Dimension	No	Date on which Survey was assigned to parti~ cipant
Pulse Custom Survey	Survey Sum~ mary Score Rating	Dimension	No	Summary Score rating for Pulse Custom Survey
Pulse Custom Survey	Average Points for Survey Question	Metric	No	
Pulse Custom Survey	Average Sur~ vey Score	Metric	No	
Pulse Custom Survey	Average Sur~ vey Section Score	Metric	No	
Pulse Custom Survey	Highest Survey Score	Metric	No	

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Pulse Custom Survey	Highest Survey Section Score	Metric	No	
Pulse Custom Survey	Lowest Survey Score	Metric	No	
Pulse Custom Survey	Lowest Survey Section Score	Metric	No	
Pulse Custom Survey	Survey % Re~ sponse	Metric	No	
Pulse Custom Survey	Survey Aver~ age Rating For Scale	Metric	No	
Pulse Custom Survey	Survey Re~ sponse Count	Metric	No	
Pulse Custom Survey	Survey Section Score Summary Rating	Metric	No	
Pulse Custom Survey	Survey Sum~ mary Rating Scale Maxim~ um Score	Metric	No	
Pulse Custom Survey	Survey Sum~ mary Rating Scale Minimum Score	Metric	No	
Pulse Custom Survey	Survey Sum~ mary Score Rating	Metric	No	
Pulse Custom Survey	Survey Total Participants	Metric	No	

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Pulse Custom Survey	Survey Total Students Re~ sponded	Metric	No	
Prescription Rules	Prescriptive Rule Owner	Dimension	No	Owner name for the Prescriptive Rule.

Note: Reports created using the attributes from the **Anonymous Pulse Custom Survey** entity will show data only when at least three or more people have completed the Anonymous Pulse survey.

Use case

Customers can now pull these new attributes (Dimensions/Metrics) while creating or updating the Analytics reports and reporting on video meta-data.

Exceptions

How did it work?

These are new exceptions.

How does it work now?

This section lists the exceptions that you can add to reports using the **Configure exceptions** page.

Table 94: Exception Details

Group Name	Exception Name	Description	Filters Attributes Used	Operator	Filter Default Values
Goal De~ tails	Not As~ signed Any Goals	This report displays the users who have not been assigned any goals	Status Type Description	In	Open, Closed, Cancelled
Goal De~ tails	Not As~ signed a Goal	This report displays the users who have not been assigned a selected goal	Goal Title	Equal	
Goal De~ tails	Not As~ signed a Goal	This report displays the users who have not been assigned a selected goal	Status Type Description	In	Open, Closed, Cancelled
Courses	Pending re~ gistrations for Course	Adding this exception group gives all those who have not registered for a course			

Group Name	Exception Name	Description	Filters Attributes Used	Operator	Filter Default Values
Courses	Pending re~gistrations for Class	Adding this gives all those who have not registered for a class			
Courses	Pending completion by Course	Adding this gives all those who have not completed despite regis~tration for the course AND all those who have completed since they haven't been registered for the course			
Certifica~tions	Unassigned Certification	The certificate title and the selected certification statuses are used as exclusion criteria to present the data representing those who have not been assigned this certificate.			
Curricula	Unassigned Curricula	The curricula title and the selected curricula statuses are used as exclu~sion criteria to present the data representing those who have not been assigned this certificate.			

Use case

You can now use these exceptions while creating reports where you have the ability to report on data facts that are NOT EXISTING in the recorded storage.

Additional extended custom fields

How did it work?

These are new extended custom fields.

How does it work now?

The section indicates where you can find the extended custom fields listed. They will appear just above the Metrics towards the bottom of the attribute list in the respective entity. These fields will show the data as per the UI Configuration i.e. if the extended custom field is configured as Date, it will show the date data in current user's date format.

Note: Extended custom fields cannot be used as filters.

Analytics provide rich text support for extended custom fields.

Table 95: Component Details

Component Name	Entity Name
ExternalCandidate	Candidate Details

Use case

N/A

New operator (Logged-in Person's Organization)

How did it work?

This is a new operator.

How does it work now?

The following operator has been added for the Organization Name filter:

- Logged-in Person's Organization

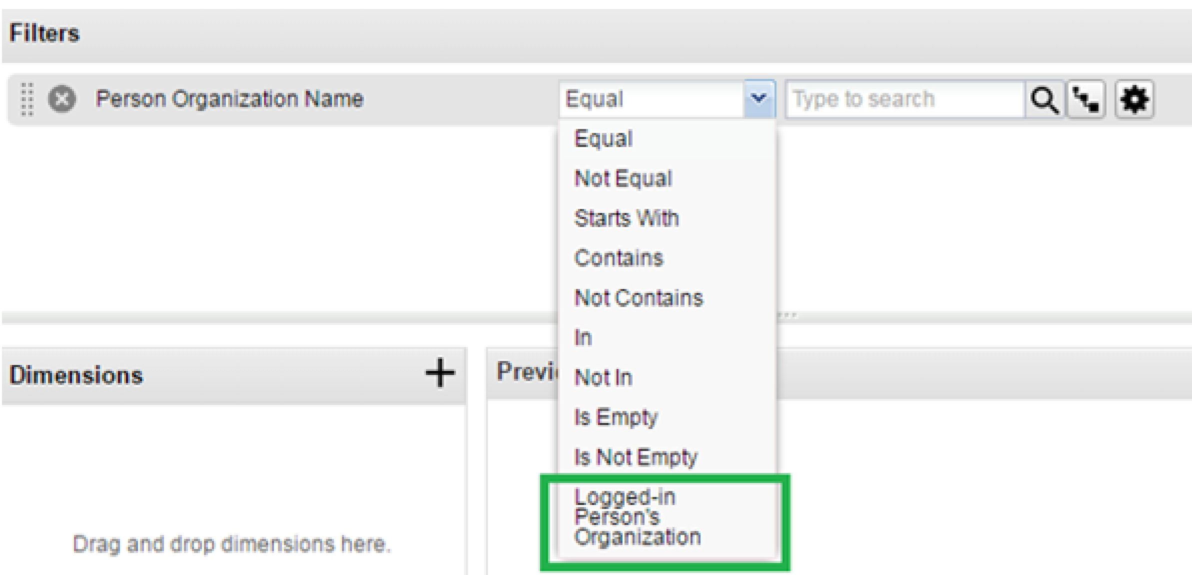


Figure 43: Logged-in Person's Organization

Use case

You do not need to explicitly add a person's organization name. You can now use this new operator. Selecting this operator will use the Logged-in Person's Organization name as the filter value.

Updated Attributes

Learning

How did it work?

N/A

How does it work now?

This section describes the updated attributes under the Learning reports model in the Saba application.

Attributes that support full description

This section lists the attributes that show first 1000 characters in Flatlist, Grouped or Crosstab report. When they are added to Data Extract report and CSV is exported from that report, you can get all the data entered into these fields from the UI.

Table 96: Attributes Details

Parent Entity Name	Entity Name	Attribute Name
Learning	Courses	Prerequisite Course Description
Learning	Courses Catalog	Course Description
Learning	Orders and Order Items	Subscription Description
Learning	Certification Details	Certification Description
Learning	Certification Details	Certification Learning Item Description
Learning	Curricula Details	Curricula Description
Learning	Curricula Details	Curricula learning item description
Learning	Classes Catalog	Blended Class Description / Instructor-Led Class Description / Remote Lab Class Description / Simulation Class Description / VoD Class Description / Web Based Class Description / Virtual Classroom Description

Attributes that do not support full description

This section lists the attributes that will continue to show the same data as they are showing currently. If user wants to see the full data, then the user can use the attributes with same name present under Catalog group entities i.e. Courses Catalog and Classes Catalog respectively.

Table 97: Attributes Details

Parent Entity Name	Entity Name	Attribute Name
Learning	Courses	Course Description
Learning	Classes	Blended Class Description / Instructor-Led Class Description / Remote Lab Class Description / Simulation Class Description / VoD Class Description / Web Based Class Description / Virtual Classroom Description

Use case

Customers can pull these new attributes while creating or updating the Analytics reports.

Social

How did it work?

The following entity names / attributes are renamed:

Entity name:

- File/URL

Attributes:

File or URL Description
File or URL Domain
File/URL flagged by
File/URL flagged on
Reason for flagging File/URL
Is File/URL flagged
File/URL certified by
File/URL certified on
Is File/URL certified
Social resource state File/URL

File/URL Viewed By
File Version Number
File Version Created By
File Version Status
Is File Version Current
File/URL Created On Date
File/URL Updated On Date
File Comment Text
File Commented By

How does it work now?

This section describes the updated attributes under the Social reports model in the Saba application.

Parent Entity	Entity Name	Current Attribute Name	Updated Attribute Name
Social	File/URL/Video	File or URL Description	File/URL/Video Description
Social	File/URL/Video	File or URL Domain	File/URL/Video Domain
Social	File/URL/Video	File/URL flagged by	File/URL/Video flagged by
Social	File/URL/Video	File/URL flagged on	File/URL/Video flagged on
Social	File/URL/Video	Reason for flagging File/URL	Reason for flagging File/URL/Video
Social	File/URL/Video	Is File/URL flagged	Is File/URL/Video flagged
Social	File/URL/Video	File/URL certified by	File/URL/Video certified by
Social	File/URL/Video	File/URL certified on	File/URL/Video certified on
Social	File/URL/Video	Is File/URL certified	Is File/URL/Video certified
Social	File/URL/Video	Social resource state File/URL	Social resource state File/URL/Video
Social	File/URL/Video	File/URL Viewed By	File/URL/Video Viewed By
Social	File/URL/Video	File Version Number	File/Video Version Number
Social	File/URL/Video	File Version Created By	File/Video Version Created By

Parent Entity	Entity Name	Current Attribute Name	Updated Attribute Name
Social	File/URL/Video	File Version Status	File/Video Version Status
Social	File/URL/Video	Is File Version Current	Is File/Video Version Cur~ rent
Social	File/URL/Video	File/URL Created On Date	File/URL/Video Created On Date
Social	File/URL/Video	File/URL Updated On Date	File/URL/Video Updated On Date
Social	File/URL/Video	File Comment Text	File/Video Comment Text
Social	File/URL/Video	File Commented By	File/Video Commented By

Use case

N/A

Compensation

How did it work?

The following attributes used to display data in the English locale only:

- Compensation Code
- Plan Name
- Compensation Category
- Dimension Modified
- List of Dimensions Modified

How does it work now?

The following attributes now display localized data:

Parent Entity	Entity Name	Attribute Name
Compensation	Compensation Cycle Details	Compensation Code
Compensation	Compensation Cycle Details	Plan Name
Compensation	Person Compensation Cycle Details	Compensation Category
Compensation	Person Compensation Cycle Details	Dimension Modified
Compensation	Person Compensation Cycle Details	List of Dimensions Modified

Use case

Compensation admin will be able to add locale for their different regions.

Chapter 3

Learning

Topics:

- Assessment
- Learning Activity
- E-commerce
- Content

Assessment

Search enhancements for tests, surveys and questions

How did it work?

Searching for questions with **Question** field as the only criteria in a test or survey question pools took a long time when the number of questions in the pool were large. Additionally, the test/survey search experience in **Manage Test & Survey** was not consistent with question search in assessments.

How does it work now?

This update enhances the test and survey question search to provide a consistent search experience for all assessment types as follows:

Enhancements to search in Test/Survey Question Pool

Saba Cloud provides the following enhancements to search in Test/Survey Question Pool:

- Displays the selected question folder by default in the **Folder Name** dropdown list. You can select a different folder anytime later.
- Introduces the **Include questions from sub-folders** checkbox as a question search criteria. If this checkbox is selected during the question search, then Saba Cloud searches for the matching test or survey questions even in all sub-folders of the selected folder. By default, this checkbox is not selected.
- If the search is performed using **Question** field as the only criteria, then Saba Cloud now displays the following warning message:

  In addition to specifying question text, select a folder from the search criteria to narrow down your search results and speed up search. Click OK to proceed, else click Cancel.

  Clicking the **OK** button proceeds the search based on the specified criteria. However, clicking the **Cancel** button lets you change the search criteria and perform a fresh search.

  If there are a large number of questions in the test or survey question pool, then performing a search with only Question as the criteria slows down the search. Therefore, it is recommended that you select a folder as well to narrow down your search results and speed up search.
- Adds a new **Note** search filter, which allows searching test or survey questions by notes.
- Hides the **Author** column in the search results table by default.

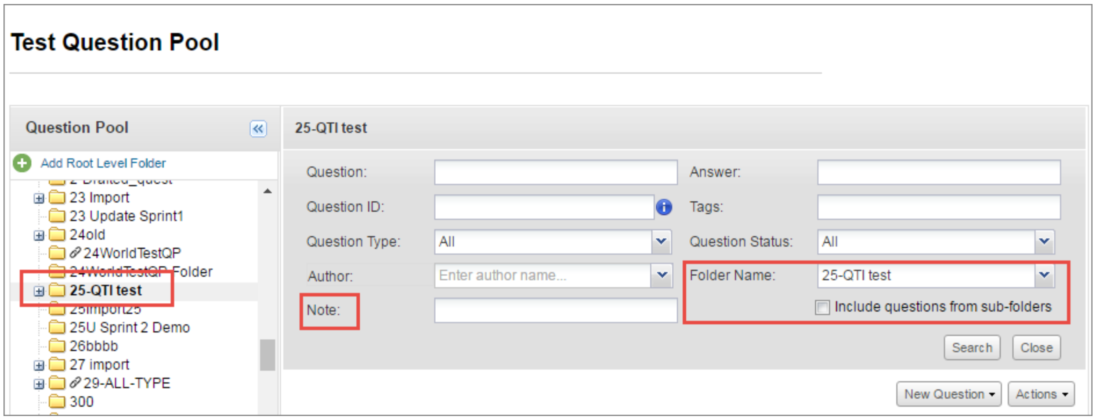


Figure 44: Question search enhancements in Test/Survey Question Pool

Enhancements to search in Manage Test & Survey

Saba Cloud provides the following enhancements to search in Manage Test & Survey:

- Adds the following new search filters to the Advanced Search:
  - **Folder**
  - **Type**
  - **Status**
  - **Description**
  - **Author**
- Adds the following new columns in the search results table:
  - **ID**
  - **Folder** - This column is hidden by default.
  - **Updated On**
- Hides the **Author** column in the search results table by default.
- Adds the **Include questions from sub-folders** checkbox as a question search criteria. If this checkbox is selected during the question search, then Saba Cloud searches for the matching test or survey questions in all sub-folders of the selected folder. By default, this checkbox is not selected.

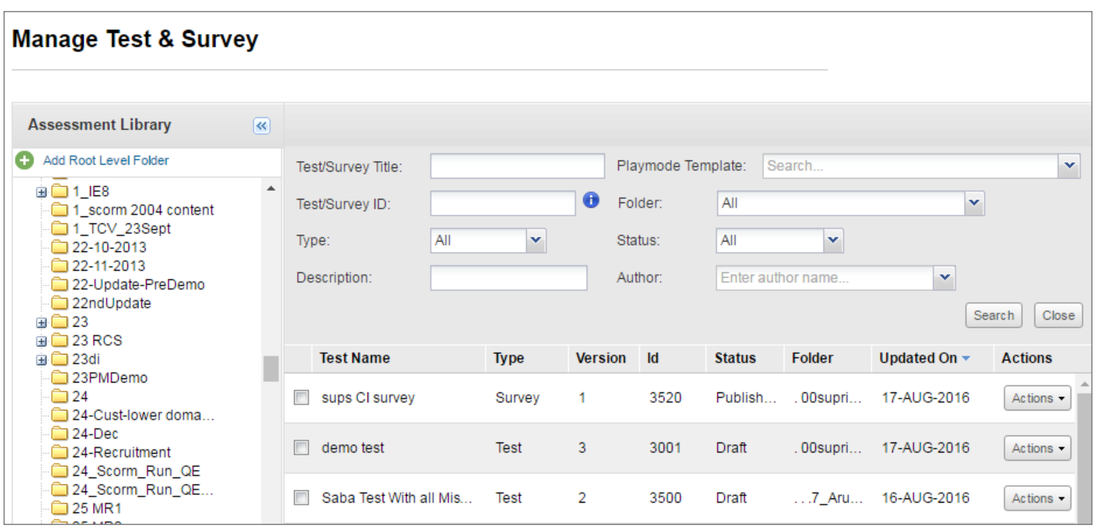


Figure 45: Search enhancements in Manage Test & Survey

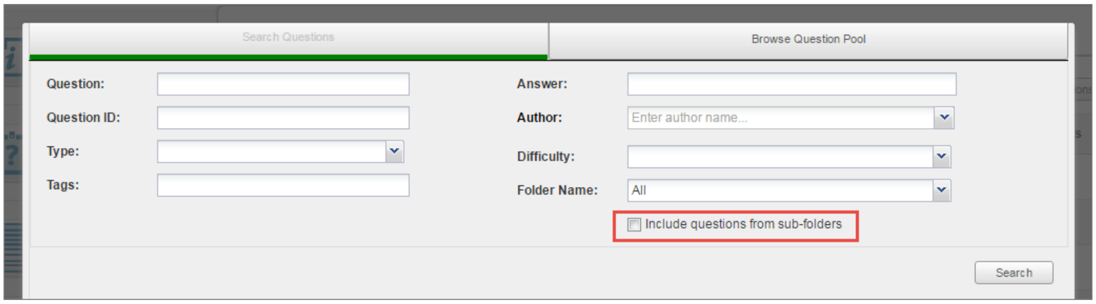


Figure 46: Question search enhancements in Manage Test & Survey

Note: These search enhancements are applicable to both Learning and Recruiting tests, surveys, or questions.

Use case

The test, survey and question search in assessments needs to be enhanced so that it provides better usability and performance.

Learning Activity

Add video content to courses using course wizard

How did it work?

Prior to this update, videos hosted by content providers such as Panopto could not be added as formal learning to courses through the quick online course creation wizard. They could be added to course as activities only through the **Activities** tab during standard course creation steps.

How does it work now?

With this update, Saba Cloud provides support to import video content of content providers such as Panopto to courses through the quick online course creation wizard so that learners can access such videos as formal learning.

Prerequisite

For this functionality to work, the relevant content provider must be already configured and enabled.

Adding a video as an activity to a quick online course:

To add a video as an activity through the quick online course wizard, learning administrators must:

1. Go to **Learning** > **Manage Learning Catalog** > **Learning Catalog**.
2. Either search for an existing course or create a new course.
3. If you are adding the video to a new course, then:
   a. Click the **New Catalog Item** link.
   b. Click the **Online Course** link. The course wizard appears.
   c. Add course information and class information and proceed to add activities.
4. On the **Activities** page, select **Content** from the **Add Activity** field.

5. Select the **New Content** option.
6. Select the **Video Content** option.
7. Select the required content provider from the **Content Provider** dropdown list.

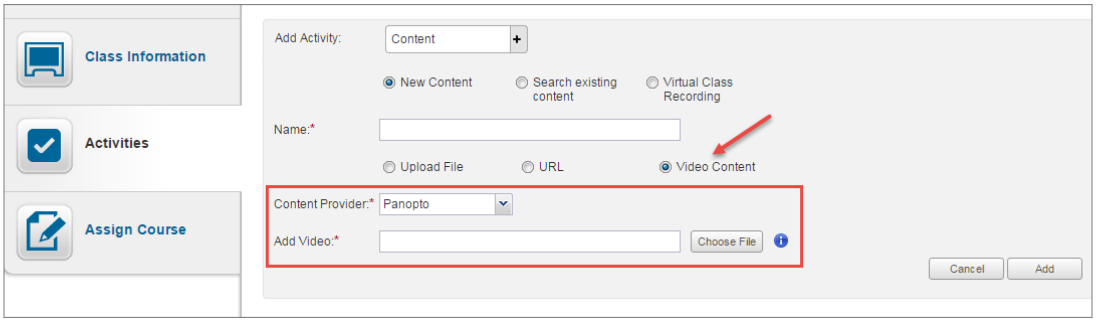


Figure 47: Add video content as an activity using course wizard

8. Click the **Choose file** button to add the required video. The **Select Video** popup page opens.
9. Either click **Upload** tab to upload a new video or click **Choose** tab to select an existing video.
10. Click **Upload**.
11. On the **Activities** page, click the **Add** button. If the upload is successful, then the **Activity Details** popup page appears; else, the wizard displays an error message.
12. Add the required activity details and click **Save**. The selected video content is added as an activity to the course.

Use case

The quick online course creation wizard needs to be enhanced so that learning administrators can quickly to add videos while creating a course.

Handle deletion of Saba Meeting event in a class session

How did it work?

If a Saba Meeting administrator deleted a Saba Meeting event for a past, ongoing or future virtual session of a class or a recording for a past event, and if users tried to access the details page for the class, then Saba Cloud did not display the activity section to users.

How does it work now?

With this update, if a Saba Meeting event for a past, ongoing or future virtual session of a class or a recording for a past event is deleted, then users can still view the activity section of the class details page. However, the **Attend** or **Playback** link is not displayed to users for such a session whose event or even recording is deleted.

Learning administrators can also access the **Activities** tab of the class whose virtual session's Saba Meeting event is deleted.

Additionally, this update fixes the behavior of the **View Summary** popup page from the following workflows:

- My Plan
- My Plan > Calendar View > Click on deleted events > Activities Popup
- My Plan > To Do List View
- My Plan > Completed Learnings
- Home tab > My Learning portlet
- Course Details Page
- Certification/Curriculum Details page
- Global Search

Use case

There is a need to modify the integration of Saba Meeting with Saba Cloud such that even if a Saba Meeting event or an event recording is deleted, then learners can still view the activity section for the class and download documents and WBT content.

Edit Is Sensitive field while updating a course

How did it work?

Prior to this update, the **Is Sensitive** field in a course became non-editable once a course was created, thereby preventing learning administrators from changing its value post creation.

How does it work now?

With this update, Saba Cloud makes the **Is Sensitive** field editable even after course creation. That is, learning administrators can change the value of the field while updating the course.

Changing a course from sensitive to insensitive and vice-versa after course creation has the following effects:

- Changing a course from sensitive to insensitive:
  - Cannot create a group, although course is not sensitive now.
  - Notifications, which were not available for sensitive course, are now made available.
  - The course now appears in all workflows where it was earlier hidden.
- Changing a course from insensitive to sensitive:
  - If the course or its classes have associated groups, then all such groups are made inactive.

    Note: However, such inactive groups are visible and members can be added to them.
  - Sensitive notifications are hidden for the course and its associated classes.
  - The course is hidden in all workflows where it was earlier available.

Use case

Learning administrators often find the need to mark a course as sensitive and vice-versa after the course is created.

One click registration for external users

How did it work?

Saba Cloud did not support one-click registration of certification/curriculum for external users even when the total price of order was zero but when pricing was enabled. Instead, users were redirected to the normal registration flow.

How does it work now?

With this update, Saba Cloud supports one-click registration of certification/curriculum for external users when the total price of order is zero, even when pricing is enabled.

So, if the final price of an order after discount is zero, then external users are not redirected to the normal registration flow; rather, they are directly registered for the certification/curriculum and shown the confirmation window.

Note: Only implicitly calculated discounts are considered for the final price of an order. Promotion codes that require a coupon code to be explicitly provided by the user, are not considered.

Use case

External users were not able to realize the full benefits of the application as one-click registration was not available to them while registering for certifications and curricula.

Control the display of custom course fields during bulk registration

How did it work?

Prior to this update, Saba Cloud allowed learning administrators to determine if custom fields must be displayed to users during registration of a particular course using the course-level setting **Show custom fields during registration**.. However, bulk registration workflows did not support this ability. For all bulk order workflows for learner and manager, the custom fields popup page was displayed only if the **Enable order custom fields for Learner and Manager** setting was enabled for **Orders** service. It was not dependent on the course-level setting though.

For Registrars creating bulk orders, the custom fields popup page was displayed only if the custom fields were enabled at the component level; this was governed neither by a course-level setting nor a system level setting.

How does it work now?

With this update, for all bulk order workflows for learner and manager, the course custom fields popup page is now dependent on both the course-level setting and system-level setting.

- For learner and managers:
  - If an enrollment contains a single class or course, then Saba Cloud displays the custom fields popup page only if **Enable order custom fields for Learner and Manager** setting is enabled and the **Show custom fields during registration** checkbox is selected for the course in the enrollment.
  - If an enrollment contains multiple classes or courses, then Saba Cloud displays the custom fields popup page only if **Enable order custom fields for Learner and Manager** setting is enabled and the **Show custom fields during registration** checkbox is selected for at least one course in the enrollment.
- For Registrars:
  - If an order contains a single class or course, then Saba Cloud displays the custom fields popup page only if the **Show custom fields during registration** checkbox is selected for the course in the order.
  - If an order contains a multiple classes or courses, then Saba Cloud displays the custom fields popup page only if the **Show custom fields during registration** checkbox is selected for at least one course in the order.
- For certifications or curricula:
  - If a certification or curriculum contains only certifications or curricula and no courses or classes, then Saba Cloud displays the custom fields popup page only if the **Enable order custom fields for Learner and Manager** setting is enabled.
  - If a certification or curriculum contains only courses or classes, then Saba Cloud displays the custom fields popup page only if the **Enable order custom fields for Learner and Manager** setting is enabled and the **Show custom fields during registration** checkbox is selected for at least one course that is selected in the certification or curriculum.
  - If a certification or curriculum contains certifications or curricula and courses or classes, then Saba Cloud displays the custom fields popup page only if the **Enable order custom fields for Learner and Manager** setting is enabled and the **Show custom fields during registration** checkbox is selected for at least one course that is selected in the certification or curriculum.

The following bulk registration workflows are affected by this change:

- Placing an order from bulk enrollment (Me, My Team and Registrar)
- Registration for certification or curriculum
- Enrolling for a package

- Adding to a cart
- One-click registration for certification or curriculum

Use case

Learning administrators are forced to enable the custom fields during registration on every course based on the current parameters of the system. However, users would like the ability to determine which courses trigger the behavior versus providing an all or nothing solution. This flexibility in turn provides a better workflow and ease of use for those learners who do not need to fill in the custom fields during registration.

New named queries for learning activities

How did it work?

Prior to this update, Saba Cloud sent notification emails to learners when a completed learning activity on their plan was reassigned to them.

How does it work now?

With this update, Saba Cloud introduces the following named queries for learning activities including courses, recurring courses, certifications and curricula:

Table 98: New named queries

Named Query	Description	Applicable Notifications
Learner whose learning activity is complete/acquired	• Considers certification, curriculum, and recurring course that are in the *Acquired* status and are not already added to learner's plan Or Granting Cert / Curr / Recurring Course." • Considers courses that are added to learner's plan with *Successful* completion status OR courses that are self registered and completed successfully OR courses that are self registered and completed and later archived.	• Course added to profile • Recurring course added to profile • Certification added to profile • Curriculum added to profile
Learner whose learning activity is not acquired	• Considers certification, curriculum, and recurring course that are either in *Assigned* or *In-progress* status. • Considers courses that are assigned to the learner for the first time through a source other than self. • Considers recurring courses that are either in *Expired-Reassigned* or *Acquired-Recertification Re~ quired* status.	

So, administrators can now select the required named query based on the learning activity status and notify learners accordingly. Saba Cloud triggers the notifications when the learning items are added to a learner's profile for the first time. When same learning item is added to a learner's profile again through another source, the notifications are not triggered and emails are not sent to learners.

Notes

- If a learner is directly registered for a course and the course is completed unsuccessfully and later, if the learner is assigned the same course through another source, then the "Course added to profile" notification is triggered for the "Learner whose learning activity is not acquired" named query.
- If a learner directly registered for a class and completed it successfully and later, if the course is added to the learner's profile, then the notification "Course added to profile" is triggered for successful completion for the "Learner whose learning activity is complete/acquired" named query.
- If a learner is registered for a course but the course is not added to plan, and later if the learner is assigned the same course through another source, then the "Course added to profile" notification is triggered for the "Learner whose learning activity is not acquired" named query.
- If a learner is assigned a certification/curriculum through one source and the certification/curriculum is already on a learner's plan, and later if the learner is assigned the same certification/curriculum through another source, then the "Certification added to profile" or "Curriculum added to profile" notification is not triggered for the "Learner whose learning activity is not acquired" named query.
- If a learner registers for a recurring course and acquires it OR if a learner creates an ad hoc transcript for a recurring course and later, if the recurring course moves to the *Acquired-Recertification Required* status, then the "Recurring course added to profile" notification is triggered for "Learner whose learning activity is complete/acquired" named query.

Use case

There is a need to stop notifying learners when completed learning activities on plan are reassigned.

Create audience type/sub-type on-the-fly for certifications and curricula

How did it work?

Saba Cloud did not provide the ability to create and retain audience type or audience sub-type on-the-fly while creating a certification or curriculum.

How does it work now?

With this update, Saba Cloud allows learning administrators to create and retain audience type or audience sub-type on-the-fly while creating a certification or curriculum.

Creating a new audience type or sub type from within a certification or curriculum

To create a new audience type or audience sub-type from within a certification/curriculum:

1. Click **Admin** > **Learning** > **Manage Learning Catalog** > **Learning Catalog**.
2. Search for the required certification/curriculum.
3. Click the link for the certification/curriculum in the search results. The **Certification or Curriculum Details** or page opens.
4. In the **Main** tab, click the **Add Audience Type / Sub Audience Type** link. The **Select Audience Type / Audience Sub Type** popup page opens.
5. Click either the **New Audience Type** or **New Audience Sub Type** link.
6. Specify the required details for the audience type or sub-type.
7. Click the **Save** button.
8. Define the criteria and save them.
9. Click the **Add to the source** button. The audience type of sub-type is added to the certification/curriculum.

Figure 48: Add an audience type or sub type

Retaining an audience type or sub type for future usage

Saba Cloud also provides the **Available to Others** checkbox while creating an audience type or sub-type in a certification or curriculum. Enabling this checkbox allows learning administrators to retain the audience type or sub-type for usage in other certifications or curricula. If disabled, then the audience type or sub-type is not available for use in future and learning administrators cannot edit it. The default value of this checkbox depends on its related component attribute default value.

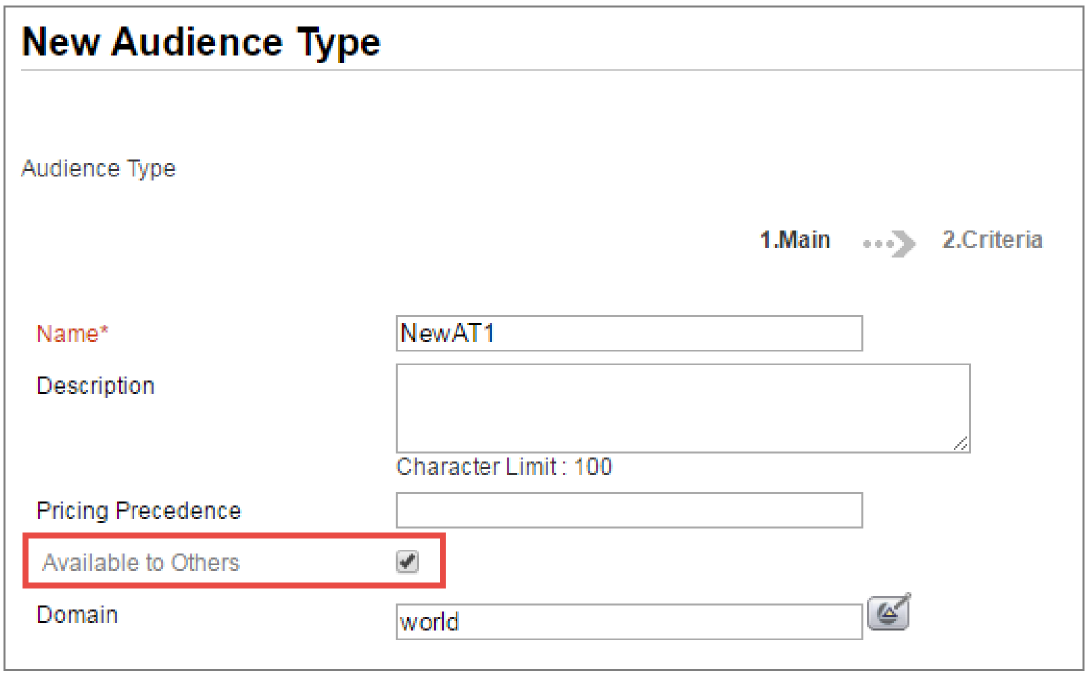


Figure 49: Add an audience type or sub type

Saba Cloud displays the **Available to Others** checkbox only if your system administrator has enabled the **isretained** attribute for the **Audience Type** or **Audience Sub Type** component. To enable this attribute, navigate to **Admin** > **System** > **Configure System** > **Services** > **Audience Type** > **Components** > **Audience Type/Audience Sub Type** > **Attributes** > **isretained**, and select the **Display** checkbox. By default, the **Display** checkbox is disabled, which means that the **Available to Others** checkbox is not displayed to learning administrators.

Use case

There is a need to create audience type and sub-types while creating a certification or curriculum and retain them for future usage in other certifications or curricula.

Hide unsuccessful completions from learner's transcript

How did it work?

The **My Completed Learning** page of learners displayed all of their learning completions, irrespective of they being successful or unsuccessful and learners did not have the ability to filter out the unsuccessful ones.

How does it work now?

Saba Cloud now provides learners with the option to filter their completed learnings on the **My Completed Learning** page based on the learning's completion status.

Learners can view their completed learning by navigating to **Me > Completed Learning**. They can select one of the following options:

- Successful
- Unsuccessful
- All

For example, to view only successful completions, select the **Successful** option from the **Status** dropdown list. The page refreshes to display only successful completions. The default selected value of the **Status** dropdown list depends on the system configuration, though.

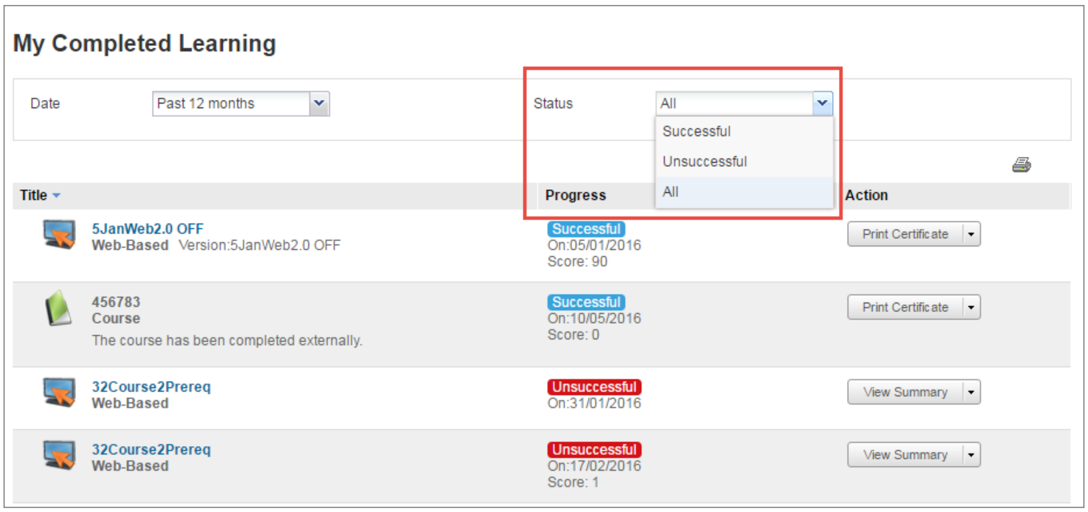


Figure 50: Status filter on My Completed Learning page

Setting the Default value of Status filter

To set the default value of the **Status** dropdown list on the learner's **My Completed Learning** page, system administrators must configure the following new setting under the **Transcript** service:

- **Display default type of completed learning**

  Select the default type of completed learning to show users on their completed learning page. You can select from the following options:

  - Successful
  - Unsuccessful
  - All

  The default value is *All*.

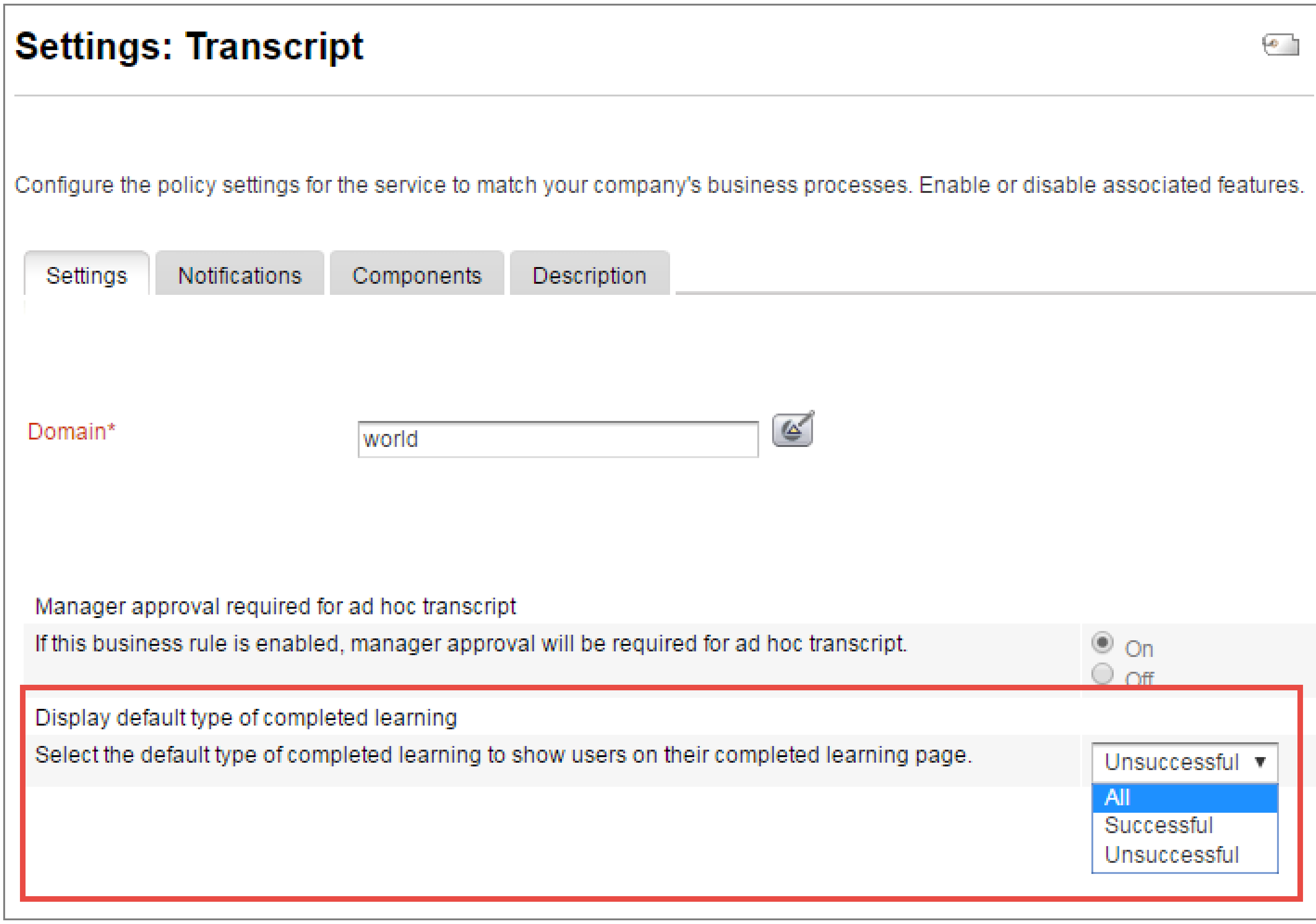


Figure 51: Default value of Status filter

Use case

For certain organizations, unsuccessful completed learnings of users are not relevant and they prefer that only successful completions are displayed on the user's transcript page.

Display for Learner, Display for Call Center, and Self-registration options for certifications and curricula

How did it work?

The **Display for Learner** and **Display for Call Center** checkboxes for a course allowed administrator to control the visibility of the course. However, these options were not available in both certification and curriculum.

How does it work now?

Saba Cloud adds the **Display for Learner**, **Display for Call Center** and **Allow Self Registration** checkboxes to both certification and curriculum.

These checkboxes are displayed only if the following new setting is enabled by your system administrator:

- **Control Display and Registration of Certification/Curriculum for Learners and Registrars**

If this setting is enabled, then the **Display for Learner**, **Display for Call Center**, and **Allow Self Registration** fields for a certification/curriculum are displayed on the Saba Cloud UI. These fields govern the display and registration of a certification/curriculum for learners and registrars.

If the value of **Allow Self Registration** field is set to false when this setting is enabled, then, even after disabling this setting, learners cannot register for any learning items in the certification/curriculum from within the certification/curriculum. But, they can register for those learning items outside of the certification/curriculum.

When configured, this setting is applicable to both certifications and curricula. It cannot be configured only for certifications or only for curricula.

Note: This is a system-level setting and is not domain aware.

The default value of this setting is 'false'.

If this setting is enabled, then it is mandatory to generate the full index for the site.

Note: To generate the full index, submit a support request. For assistance, contact Saba support.

Display for Learner

This checkbox is meant to prevent learners from discovering the certification/curriculum in the system.

If cleared, then the certification/curriculum is hidden from learners in all search areas, including:

- Global Search
- Browse
- Assign Learning
- Add Learning to Goal
- Portlets (Popular Learning, Resources, Featured, Recommendation, and Shared With You)

If a parent certification/curriculum has "Display for Learner" checkbox enabled and its child certification/curriculum has the checkbox disabled, then the learner can still view the child certification/curriculum from the parent certification/curriculum.

Display for Call Center

If cleared, then the certification/curriculum is hidden from all registrar and local learning registrar searches.

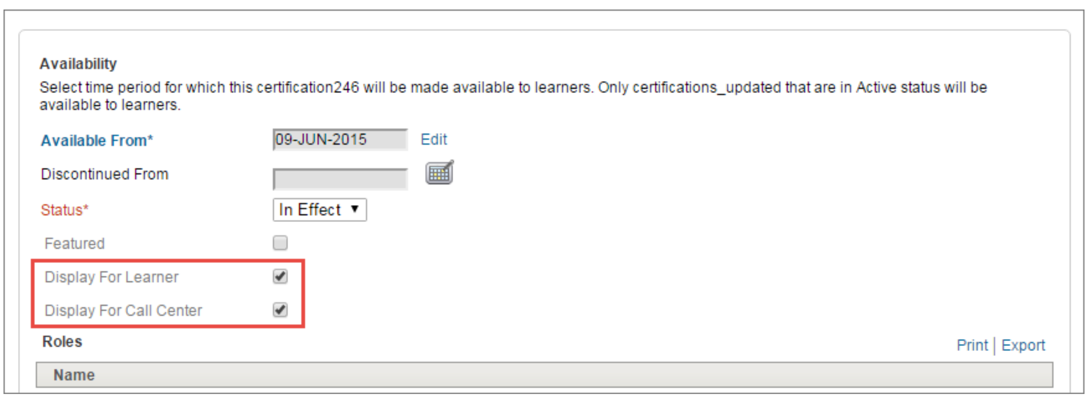


Figure 52: Display for Learner and Display for Call Center checkboxes

In addition to these two new checkboxes, this update also introduces the following checkbox for certification and curriculum.

Allow Self Registration

Selecting this option allows learners to register for the certification/curriculum and learning items in it. If disabled, then learners cannot register for any learning items in the certification/curriculum from within the certification/curriculum. But, they can register for those learning items outside of the certification/curriculum.

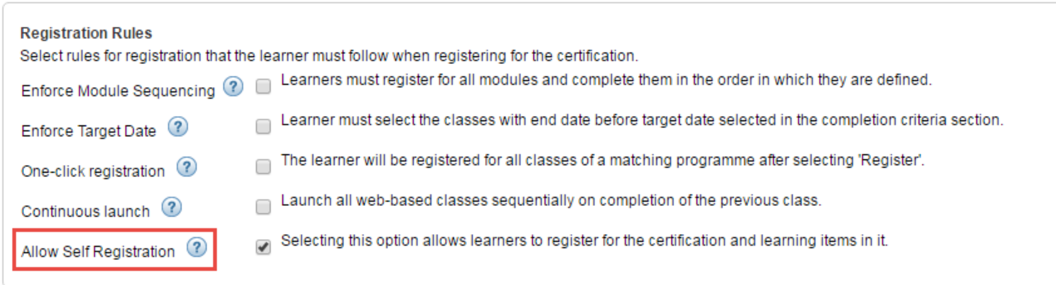


Figure 53: Allow Self Registration checkbox

If the **Allow Self Registration** checkbox is disabled for a certification/curriculum, then the **View Classes** link is not displayed against the course module. But, if learner clicks any of the module and opens a detailed version of the module, then the **Enroll** link is displayed.

By default, the three fields are enabled at the component level.

The three fields support only Silent Auditing. If system administrators try to change Attribute properties for any of these three attributes, then the following actions are not supported and the attribute continue to behave as per their default values:

- Change UI Label
- Check / Uncheck "Display" option
- Check / Uncheck "Required" Option

Use case

There is a need to control the visibility of certifications and curricula in different searches of learners and registrars, so that administrators can decide who can register for them.

Remove discontinued courses from learner's plan

How did it work?

When learning administrators discontinued a course, Saba Cloud did no post processing other than discontinuing the course in the system. For example, neither a discontinued course was automatically removed from learners' plans nor were the corresponding class registrations dropped. Learners or administrators had to manually perform these tasks post course discontinuation.

How does it work now?

With this update, Saba Cloud allows learning administrators to select different options when they try to discontinue a course.

Note: Currently, this feature is not available for recurring courses.

When a learning administrator specifies the **Discontinued From** date for a course and saves the course, Saba Cloud displays a popup page with the following options:

Table 99: Discontinue course options

Option	Description	Default Value
Remove course from all plans	If this option is selected, then on reaching the **Discontinued From** date, the course is removed from learning plans of learners to whom	Off

Option	Description	Default Value
	the course is assigned only if the course is in the *Pending Registration* status.	
Drop registrations	If this option is selected, then on reaching the **Discontinued From** date, all class registrations based on the course are dropped for learners registered for such classes only if: • the class registration is not in the *Completed* status, or • the class's start date is later than the course's **Discontinued From** date.	Off
Cancel/Discontinue classes	If this option is selected, then on reaching the **Discontinued From** date, all session-based classes are canceled and WBT classes are discontinued only if: • the classes are not marked as *Delivered*, or • any class based on the course is completed by the learner, or • the class's start date is later than the course's **Discontinued From** date.	Off

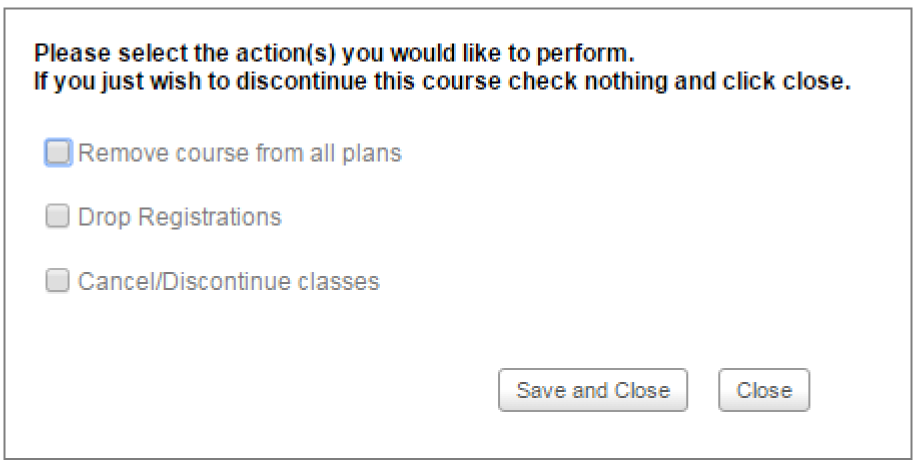


Figure 54: Discontinue course options

By default, none of the options are selected. Administrators can select either a single option or a combination of options or all of them. Once they select the required options and click the **Save and Close** button, Saba Cloud processes a periodic event **Course Discontinue Post Activity**. System administrators must configure this event to handle the post processing activities accordingly.

Note: If no option is selected, then Saba Cloud discontinues the courses, but does no post processing. This is the behavior prior to this update.

Saba Cloud displays the options every time the **Discontinued From** date for a course is changed and the changes are saved. However, after the first change, the options displayed are read-only and administrators cannot modify them. Once the discontinued course are processed by the notification event, they are not processed again.

Note: Currently, the ability to specify and perform post activities for discontinued courses is not supported through bulk data import and REST APIs.

Use case

There is a need to automatically perform certain tasks such as removing courses from the learning plans of learners when the courses are discontinued. This would eliminate the need for learners or administrators from manually performing such tasks.

Enhanced View Classes popup page

How did it work?

Prior to this update, the learners had to click the **View more** link on the View Classes popup page to see classes that were not shown on the initial page view. However, clicking the link displayed only a limited number of classes out of the available ones, and learners had to click the link multiple times till they found the required class.

How does it work now?

With this update, Saba Cloud enhances the View Classes popup page for learners by replacing the **View more** link by pagination at the bottom of the page. When there are a large number of classes, pagination makes the class search easy for learners. The page displays a scroll bar to view up to 10 classes per page. Learners can click the previous and next arrow icons to move between pages to toggle betwee pages and view more classes.

Learners can access this page from their My Plan, Course Details, Find More classes, and Continuing Education Credits pages.

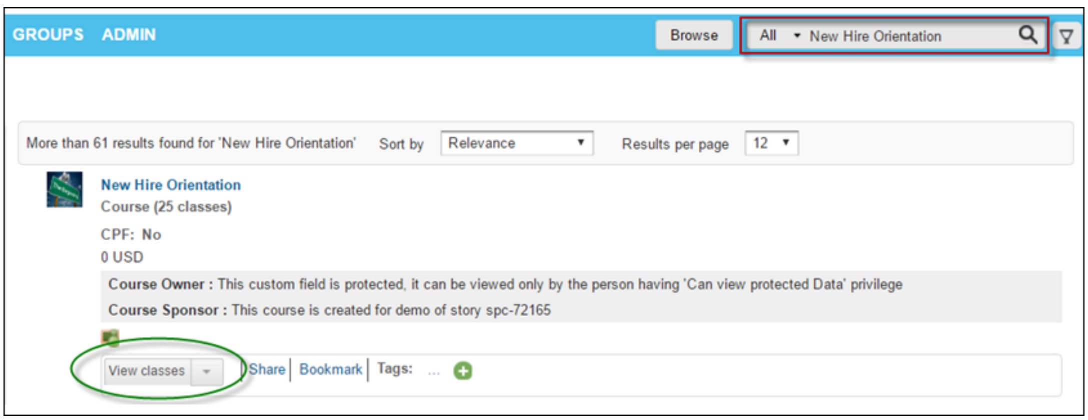


Figure 55: Pagination on View Classes page

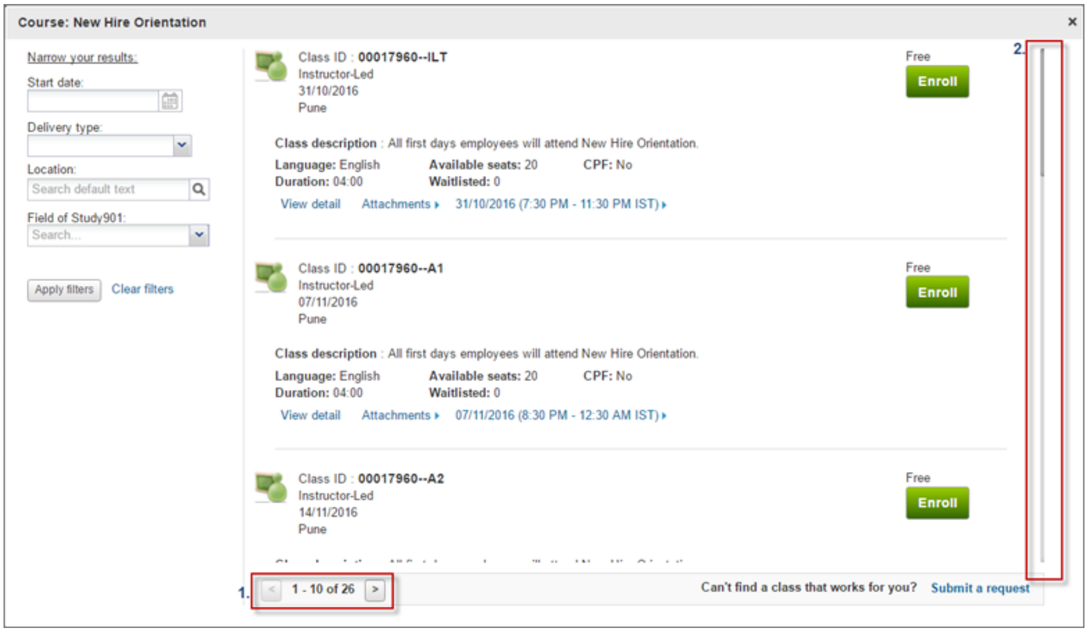


Figure 56: Pagination on View Classes page

Use case

Clicking the **View more** button on the View Classes popup page only showed the learners a limited number of classes at a time, which hampered usability. By adding pagination to this page, learners can more easily navigate between the pages to find a specific class.

Add lab sessions to a class activity

How did it work?

Prior to this update, Saba Cloud learning administrators were unable to add LAB sessions as part of their course activity.

How does it work now?

From this release, Saba Cloud learning administrators can add and track LAB sessions as part of their course activity.

To create LAB Content, at least one LAB Vendor should be configured.

To add a new content vendor, navigate to:

1. **Admin**>**Learning Home**>**Manage Content**>**Content Vendors**
2. In **Vendor Integration Model** select Vendor Type, Customer ID, Password, Access URL and Enroll URL. (all these fields are required)

   Customer ID/Password: these credentials will be used to login to the customer site before any API call.

   Enroll URL: Complete URL with tenant name should be provided.

   The tenant name should be URL Param. Example: tenant=<tenantName>

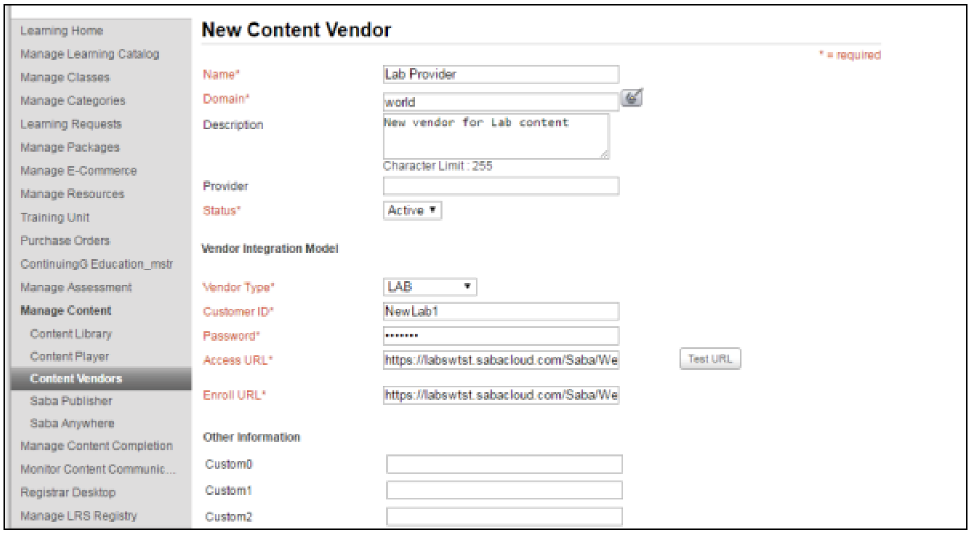
   Sample Enroll URL: https://<hostname>/?tenant=<tenantName>

   This URL will be used to POST Entitlement and Start Entitlement.

   Access URL: This URL will be used to launch the content.

3. Click **Save**.

Figure 57: New content vendor



In addition, the following details from the user profile are used to register the user: Email, First Name, Last Name and Organisation. If those fields are left blank, user will have to update them; otherwise, launch will not work.

To add LAB content to Saba content repository:

1. Navigate to **Admin**>**Learning Home**>**Manage Content**>**Content Library**
2. In the **Import Content** screen: Enter a **Name**
3. Select content format **LAB**
4. Select Active LAB **Content Provider**
5. Click **Next**
6. Enter Valid **LAB Code**
7. Click **Verify Code**
8. Click **Import**

Figure 58: Import Content

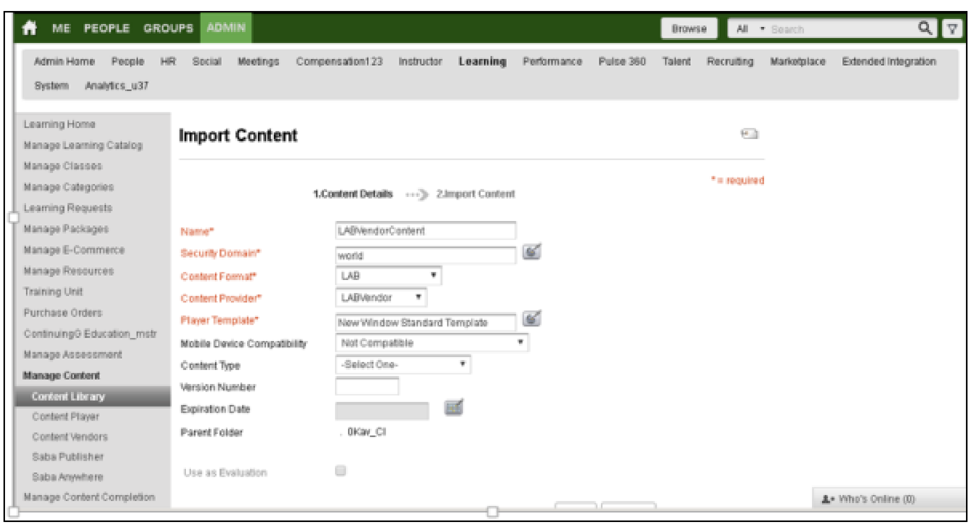
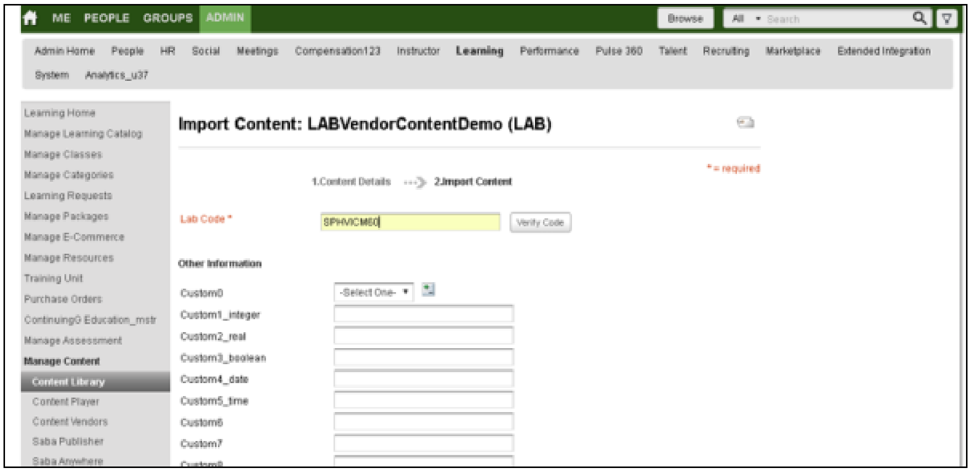


Figure 59: Import Content - Content Details



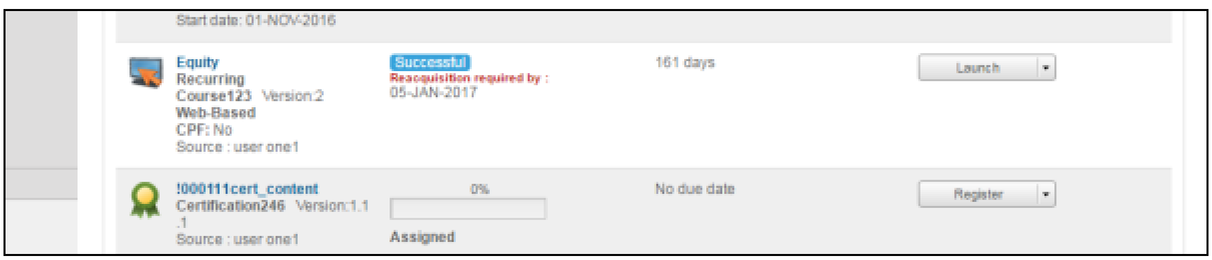
Note: If the LAB code is not valid, you will not be able to create LAB content.

You are now ready to add content to **Class Activity**.

1. Navigate to **Admin**>**Learning**>**Classes**
2. Select the **Activities** tab and click **Add Activities**

Once the **LAB Content** is added, you can launch the content for the learner to access. The status will be incomplete till result is reported back to Saba. To report results the Result report API is used.

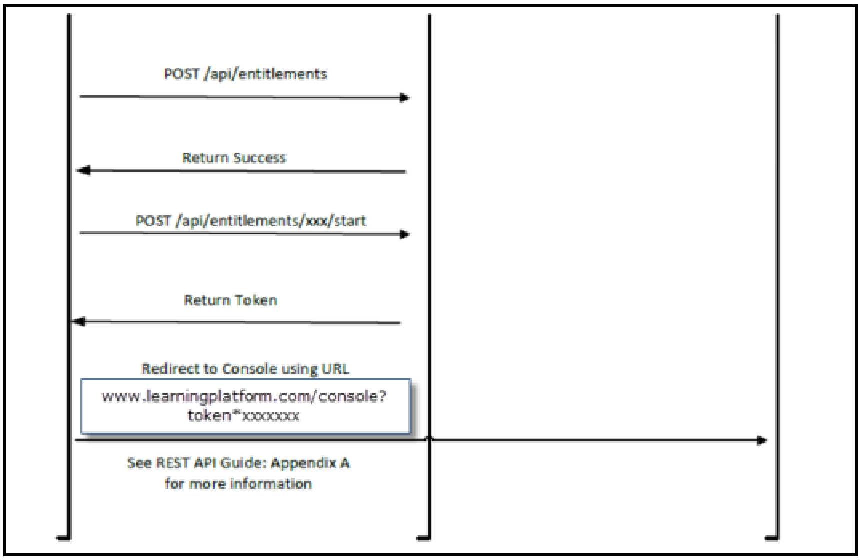
Figure 60: Launch content for learners



Note: For LAB contents – The **Time Spent** column on the results screen will always show the time spent on the latest attempt.

When launching the LAB content, the following APIs are called to construct the Launch URL.

Figure 61: API calls



Use case

Saba Cloud users can add lab sessions as course activity and learners can launch these lab sessions as class activity.

Increased default max count for VLE providers

How did it work?

Prior to this update, the default max count for VLE providers was set to 50 per tenant. To increase this limit, organizations were required to contact Saba support.

How does it work now?

With this update, Saba Cloud increases the default max count for the following VLE providers to 500 per tenant:

- Saba Meeting
- Adobe Connect
- Cisco Webex

The VLE provider max count is updated only for those tenants where the existing max count for the VLE provider was set to 50 prior to this update. If the max count was set to a value other than 50, then it remains unchanged after this update.

Administrators are not allowed to enter "*<Max Seats on Class> + <Additional Seats for VLE Provider>*" value if it is greater than the max count for VLE provider. If the total value goes beyond the VLE provider max count, then Saba Cloud displays an appropriate error message.

Note: To increase this limit, submit a support request. For assistance, contact Saba support.

Limitations

- There is no check for the max seat count of blended classes and VLE Provider max count when virtual session is added to the blended class.
- There is no check for max seat count with respect to the max count on VLE Provider for blended and virtual classes when the administrator marks a waitlisted learner as Confirmed by increasing the class count.

Use case

There is a need to increase the default max count for VLE providers so that organizations do not need to contact Saba support for the same.

Registrars and managers can enroll learners to certifications and curricula

How did it work?

Prior to this update, registrars or managers did not have the ability to enroll learners to certifications or curricula.

How does it work now?

With this update, Saba Cloud allows registrars and managers to assign and enroll learners to certifications and curricula.

The order creation wizard for registrars and managers now includes the following new option:

- **Assign and enroll certifications and curricula**

  Selecting this option allows registrars or managers to assign certifications or curricula to learners and automatically enroll them to the classes in those certifications or curricula. This option supports a maximum of 100 order items, beyond which the order is considered very large and can affect performance.

This option is applicable only to:

- Certifications and curricula that have one-click learning enabled.
- Both internal and external orders.
- Zero cost orders. This is the effective cost of the order after considering any discounts.

Criteria for selecting Learners in the order

When a person is selected while creating the order, and if the person satisfies certain underlying criteria, then Saba Cloud internally automatically enrolls the person for the classes in the certification or curricula for which the order is being placed. When a person is selected in step 2 of the order creation wizard, internally, Saba Cloud searches for blended programs that match the learner's domain, audience type and profile preferences; that is, it follows the same criteria that are used during one-click registration. If one and only one such blended program is found, then the enrollment proceeds. If more than one matching blended programs are found, then the learner is not enrolled.

If any error occurs, then the learner is not enrolled. Saba Cloud displays error and warning messages and registrar or manager has the option to continue or cancel the order. However, canceling the order removes all learner enrollments to classes in the certification or curriculum.

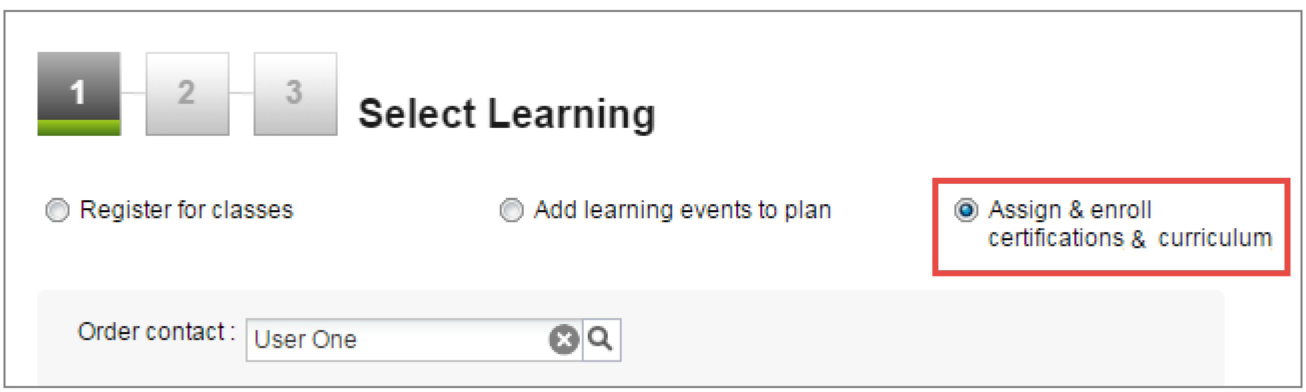


Figure 62: New Assign and enroll certifications and curricula option

To assign and enroll certifications and curricula to learners:

1. In the order creation wizard, select the **Assign and enroll certifications and curricula** option.

2. In step 1, select the required person as the order contact. (applicable only for registrars)
3. Search for and select one or more certifications and/or curricula.

   Note: Only certifications and curricula having a single path and having one-click registration enabled are searched.

4. Click **Next**.
5. In step 2, select on or more learners to whom you want to assign and enroll.

   Note: Learners are added only if they meet certain underlying criteria; else, an appropriate error message is displayed. When a learner is selected successfully, Saba Cloud internally enrolls the learner to classes in the selected certification or curriculum.

6. Click **Next**.
7. In step 3, review your order. The review page displays only assigned certifications and curricula, and not the classes in those certifications and curricula to which the learners are enrolled.
8. Click the **Register** button to confirm the order.

Additional UI label changes

As part of this enhancement, the following existing option labels in the order creation wizard are changed:

Table 100: Label changes

Old Label	New Label
Register	Register for classes
Add to Plan	Add learning events to plan

However, there is no functional change for these existing options.

Use case

Organizations need managers and registrars to automatically enroll learners to classes in certifications and curricula.

Bookmarklet for recording informal learning resources outside of Saba Cloud

How did it work?

Saba Cloud did not have the support to track informal learning resources taken by users outside of Saba Cloud into a Learning Record Store.

How does it work now?

This update introduces the **Bookmarklet (Beta)** service in Saba Cloud. Enabling this service enables tracking of informal learning resources taken by users outside of Saba Cloud in a Learning Record Store (LRS).

System administrators must enable the **Bookmarklet (Beta)** service under **Learning Record Store** to activate this feature. The service is disabled by default.

Figure 63: Bookmarklet service

LRS Registry

Once the **Bookmarklet (Beta)** service is enabled, Saba Cloud allows learning administrators to control the informal activities of users that need to be recorded in the Saba LRS using the LRS registry. A new **Manage LRS Registry** link is available under **Learning**. They can create new LRS records in the registry or search for existing ones. They can use predefined LRS verbs such as completed, initialized, experienced, passed, and so on to create and search LRS records.

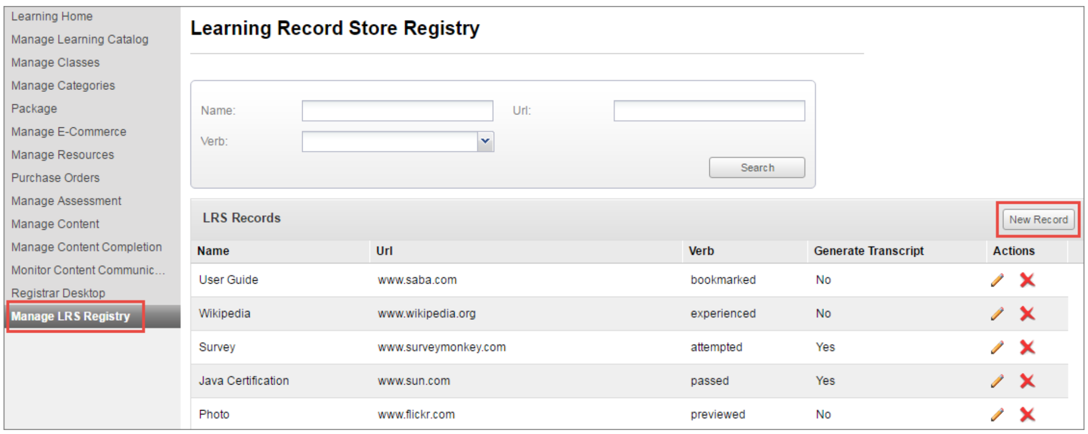


Figure 64: LRS Registry

To create a new LRS record, click the **New Record** button and specify the required details.

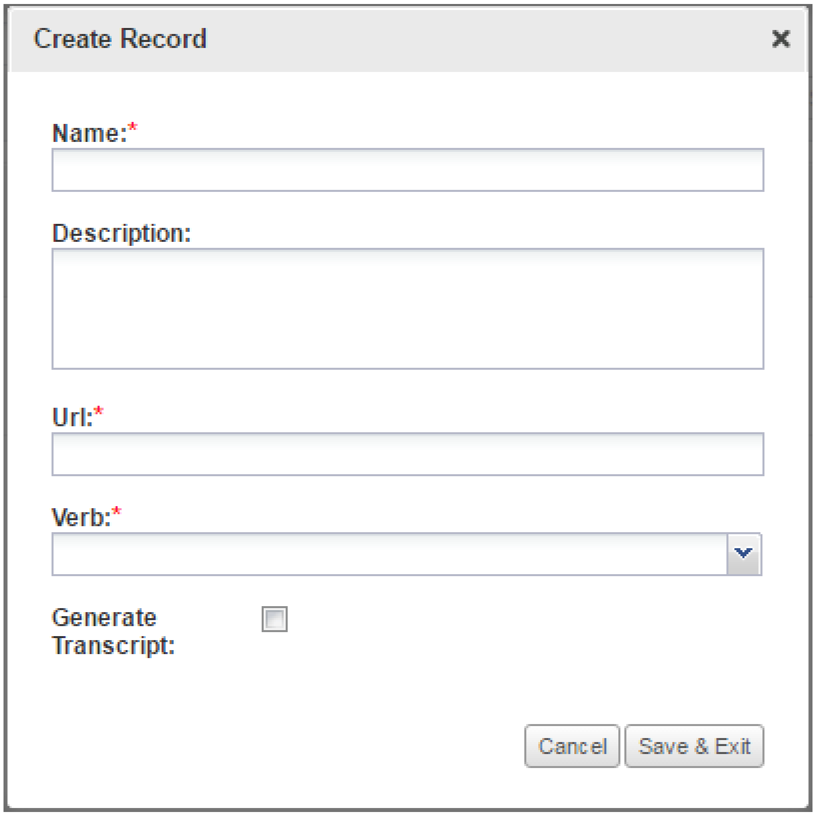


Figure 65: New LRS record

Learning administrators can configure a list of Websites that they want to be registered as informal learning activities in Saba's LRS. The requests coming from only those Websites that are mentioned in the list, are captured as informal learning activity in the LRS. For example, if you create a registry record for the URL `https://www.mysite.com` but the page URL that you want to track is `https://www.mysite.com/Photography-training-tutorials/`, then Saba LRS records the URL because the parent domain of the site matches the one defined in the LRS registry. However, if you specify the URL as `https://www.mysite.com/Design-training-tutorials/` and try to track `https://www.mysite.com/Photography-training-tutorials/`, then Saba LRS does not record this URL.

For a particular resource of a Website, if the administrator has configured a record to generate a formal learning record using the **Generate Transcript** option, then an ad hoc transcript is generated for that user. Users can view such transcripts under **Me** > **Plan** > **Learning & Certifications**.

Bookmarklet (Beta)

Once the **Bookmarklet (Beta)** service is enabled, users can see the **Bookmarklet** widget in their **Downloads** page.

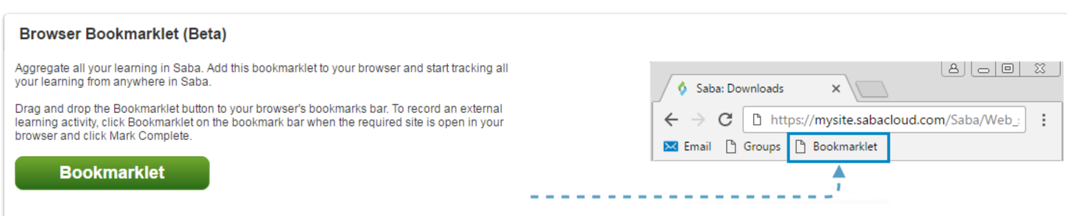


Figure 66: Bookmarklet widget

Users can drag and drop the **Bookmarklet** widget to their browser's bookmarks bar. A **Bookmarklet** is added to the bar.

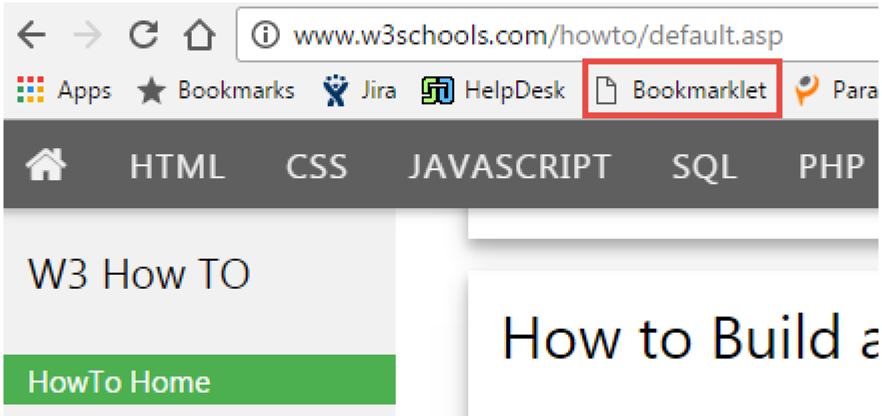


Figure 67: Bookmarklet

Now, if users want to record a particular site activity to Saba LRS, then they must click **Bookmarklet** in the browser's bookmark bar when the site is open in their browser. A popup with the **Mark Complete** action appears. Click **Mark Complete** to record the activity to LRS.

Note: In case of an authentication error, the Saba Cloud login page is displayed to users in a popup page. Once the users specify their login details and are authenticated, they are redirected to the popup with the **Mark Complete** action.

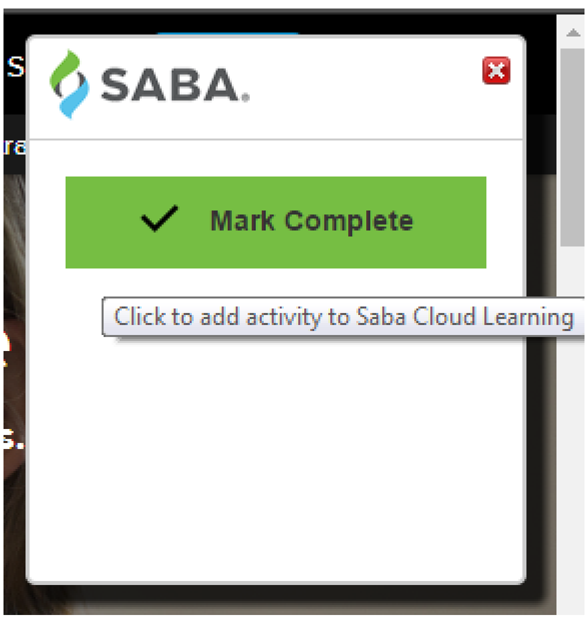


Figure 68: Mark Complete

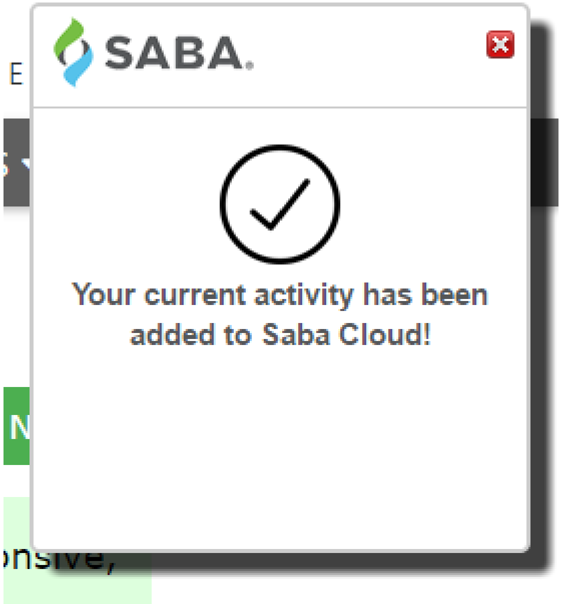


Figure 69: Activity added to LRS

Activity Stream

The contributions captured in the LRS are displayed in the user's **Activity Stream** under **Me** > **Activity** > **Learning Activity**. The statement format is as follows:

<User Name> <Verb mentioned in LRS Registry> `link` *<URL Name mentioned in LRS Registry>*

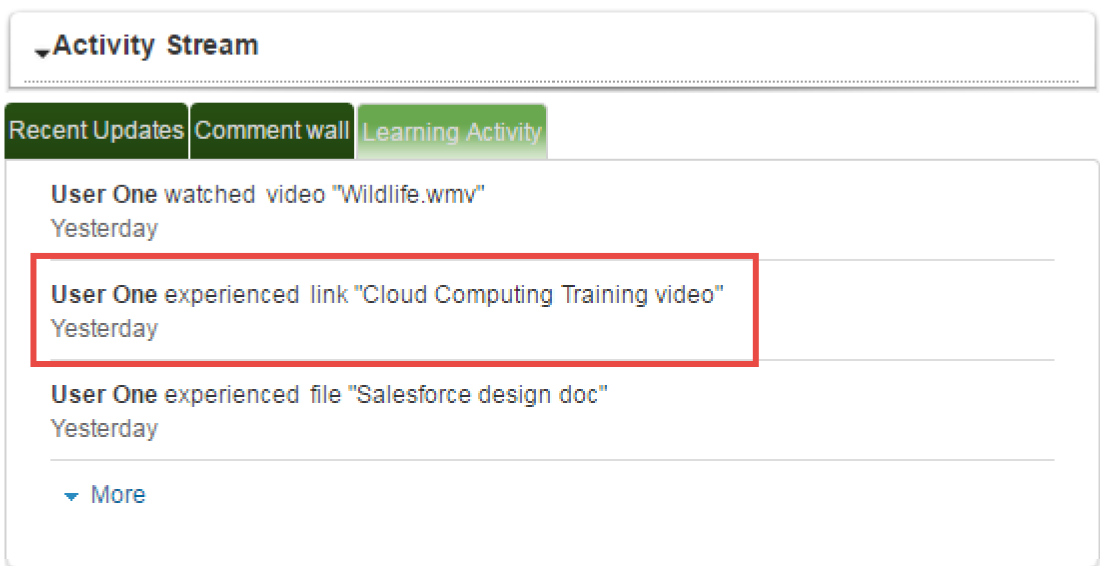


Figure 70: Informal activities in Learning Activity stream

Use case

There is a need to maintain a Learning Record Store for tracking informal learning activities of users outside of Saba Cloud.

E-commerce

Add private video channel or group to subscription

How did it work?

The learning admin had no provision to add video channels or groups to a subscription.

How does it work now?

From this update, the learning admin can now add groups and video channel to the subscription. A new **Community detail** section has been added on the **Subscription details** page where you can use **Add group** link to add groups and use **Add video channel** link to add video channels to the subscription. This section appears only when the **Social** service is enabled.

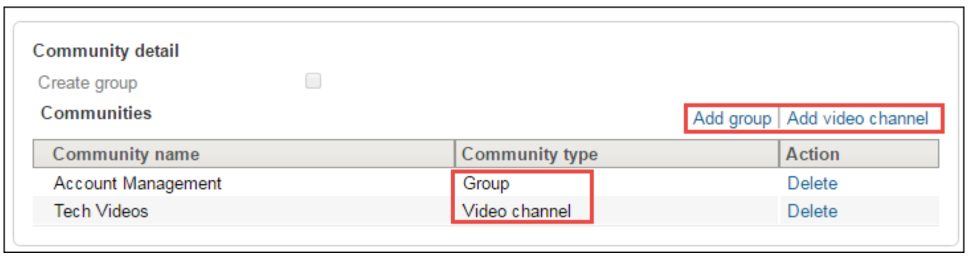


Figure 71: Add group and video channel

While creating a subscription, the learning administrator can select the **Create group** checkbox to create a private group for the subscription. The administrator can select this checkbox only during the creation. Once the subscription is saved, a corresponding group will be formed by concatenating the subscription name and the number. The admin will not be able to set the visibility of this group as it will always be private. The administrator who creates the subscription will be added as the group owner. The **Create group** checkbox and **Add group** is available only when **Group** service is enabled. Also, the **Add video channel** link is available only when the **Video channel** service is enabled.

If a learner successfully enrolls to such a subscription, then he/she is automatically added to the respective Video Channel or group. The existing workflow of notifications and access will be used. When the learner's subscription order is confirmed, the learner is automatically subscribed to all the channels and groups included as a part of the subscription. Once subscribed, the learner can view the groups and video channels in **Me** > **Groups** and **Me** > **Video Channels**, respectively. The same groups and video channels are accessible from **Groups** tab > **Groups Home** and **Groups** tab > **Video Channels**. For unassigned users, the channels will be added when a user is assigned to the subscription order. If a learner is changed for a subscription order, then the original user will be unsubscribed from the channels and groups, and at the same time the new learner will be subscribed. If a subscription is bought at an organization level, there is no logic to choose which learners should be subscribed to that group.

If any learner from such an organization wants to access group or video channel, then that learner has to subscribe to that group from **My Subscription** screen. A **Join** button will be shown next to the video channel or group.

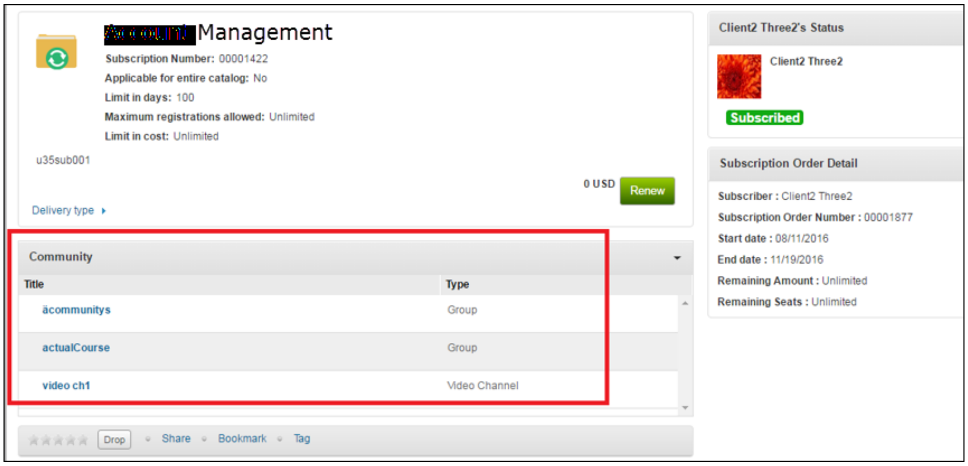


Figure 72: Subscription details page

If the learner's subscription expires or the subscription becomes invalid for any reason, then the learner will be removed from the video channel or group.

Use case

Users will be more eager to purchase a subscription of learning offering, which includes social resources.

Bulk import of states within country

How did it work?

The system administrator had to manually create state entries for each country by navigating to **System** > **Configure System** > **Countries** > Search for and edit country > **New State**. There was no provision to import the state details.

How does it work now?

From this update, the system administrator ca now bulk import states within each country using a CSV file.

To bulk import states within each country:

1. Log into the application as a system administrator.
2. Navigate to **System** > **Configure System** > **Countries** > Search for and edit country.
3. Click **Import States**.

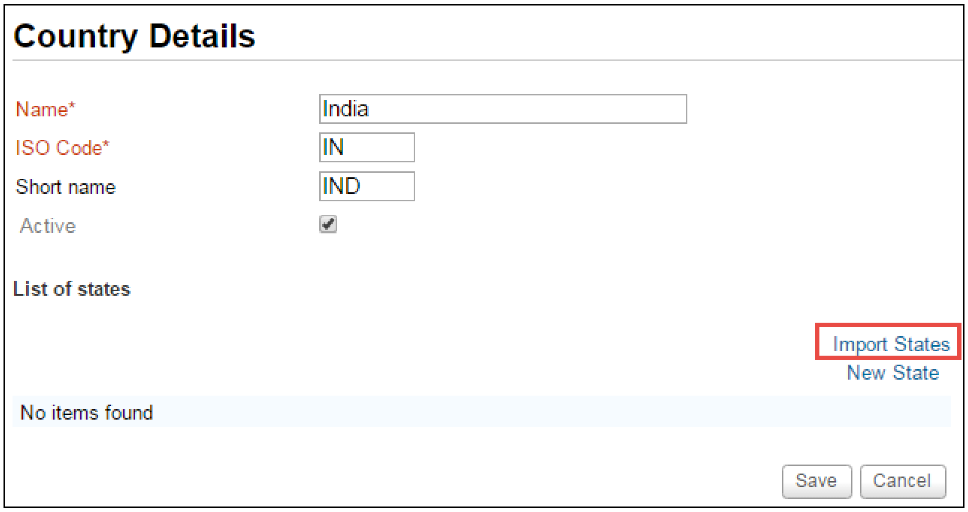
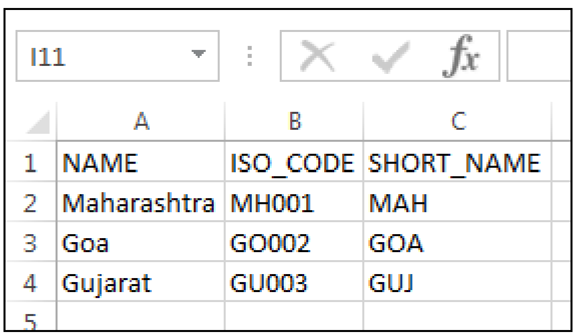


Figure 73: Import States

4. Click **Download sample file here** button to download the sample file.
5. Edit the file to add the required details of the States that need to be imported.
   a. In the CSV file, enter the state details as Name, ISO_Code, and Short_Name.

      Note: The CSV file is UTF-8 encoded.



	A	B	C
1	NAME	ISO_CODE	SHORT_NAME
2	Maharashtra	MH001	MAH
3	Goa	GO002	GOA
4	Gujarat	GU003	GUJ
5			

Figure 74: Internationalize icon

   b. Save the file.
6. Choose the required file and click **Import** to begin the import process.

Use case

Each country has many states, hence CSV import functionality will help in faster creation of the data.

Currency conversion for class price is dynamic

How did it work?

If a class is created with **This Class is available in all the active currencies in the system.** multi-currency pricing option, then whenever the defined and applicable exchange rate is updated, the base price of the class was not getting updated.

How does it work now?

From this update, the class will pick the latest conversion rate defined in the system. A new setting **Update catalog price based on the updated exchange rate** has been added in **Orders** > **Pricing**. By default, this setting is disabled.

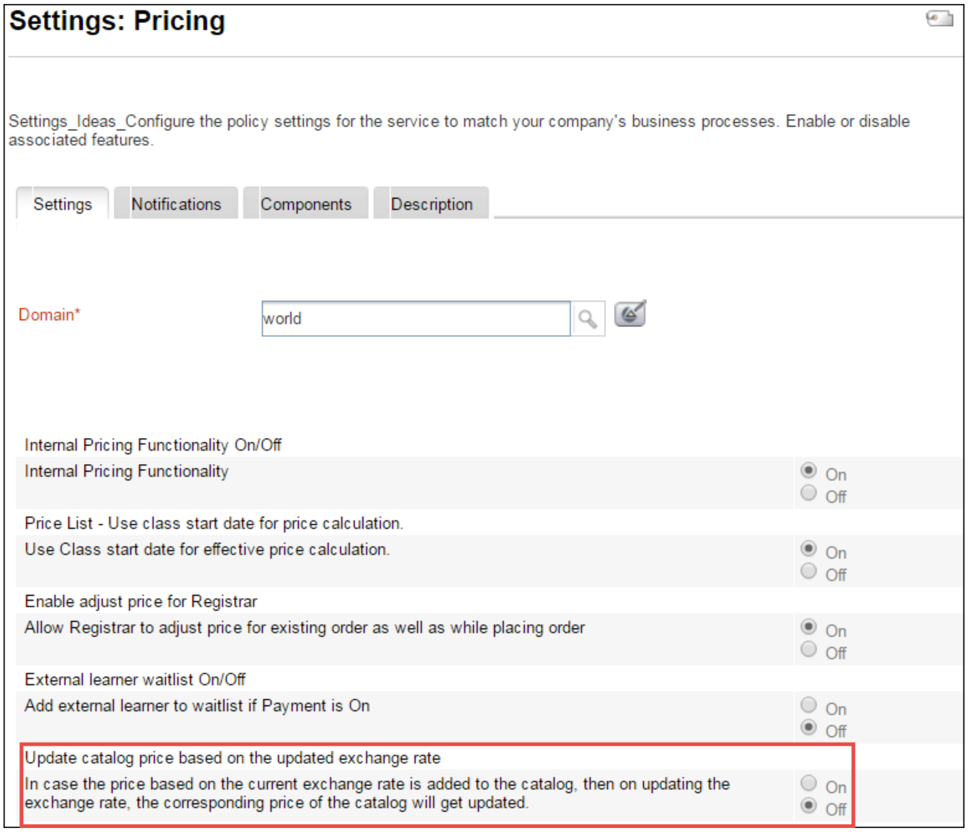


Figure 75: New setting under Pricing

If this setting is enabled, then whenever the exchange rate is updated, the class price will be updated accordingly. This is applicable only to those classes for which **This Class is available in all the active currencies in the system.** Multi-Currency pricing option is enabled. This update process will be an asynchronous process, as the prices will not get reflect on real time. The price will not be changed on updating the exchange rate in the following scenarios:

- Added price is not as per the exchange rate
- Base currency is not set
- Price is overridden

This change is applicable for all the catalog across system for the following objects:

- Course
- Delivery Type
- Class
- Package
- Subscription (price and cost limit)
- Training Unit
- Marketing Campaign

Use case

The users will now get accurate prices in E-commerce, where exchange rates are defined.

Country and State fields shown as LOV in organization details

How did it work?

Prior to this update, the Country and State fields were shown as LOV only in the addresses details on the order checkout page. There was a need to make these fields as LOV across the application.

How does it work now?

In this update, the Country and State fields will be shown as LOV only in Internal and External organization address fields and in Billing addresses.

On internal/external organization's Create and Update pages, the **Country** field will be shown as LOV. The HR admin can now select the country and the respective state from the existing list.

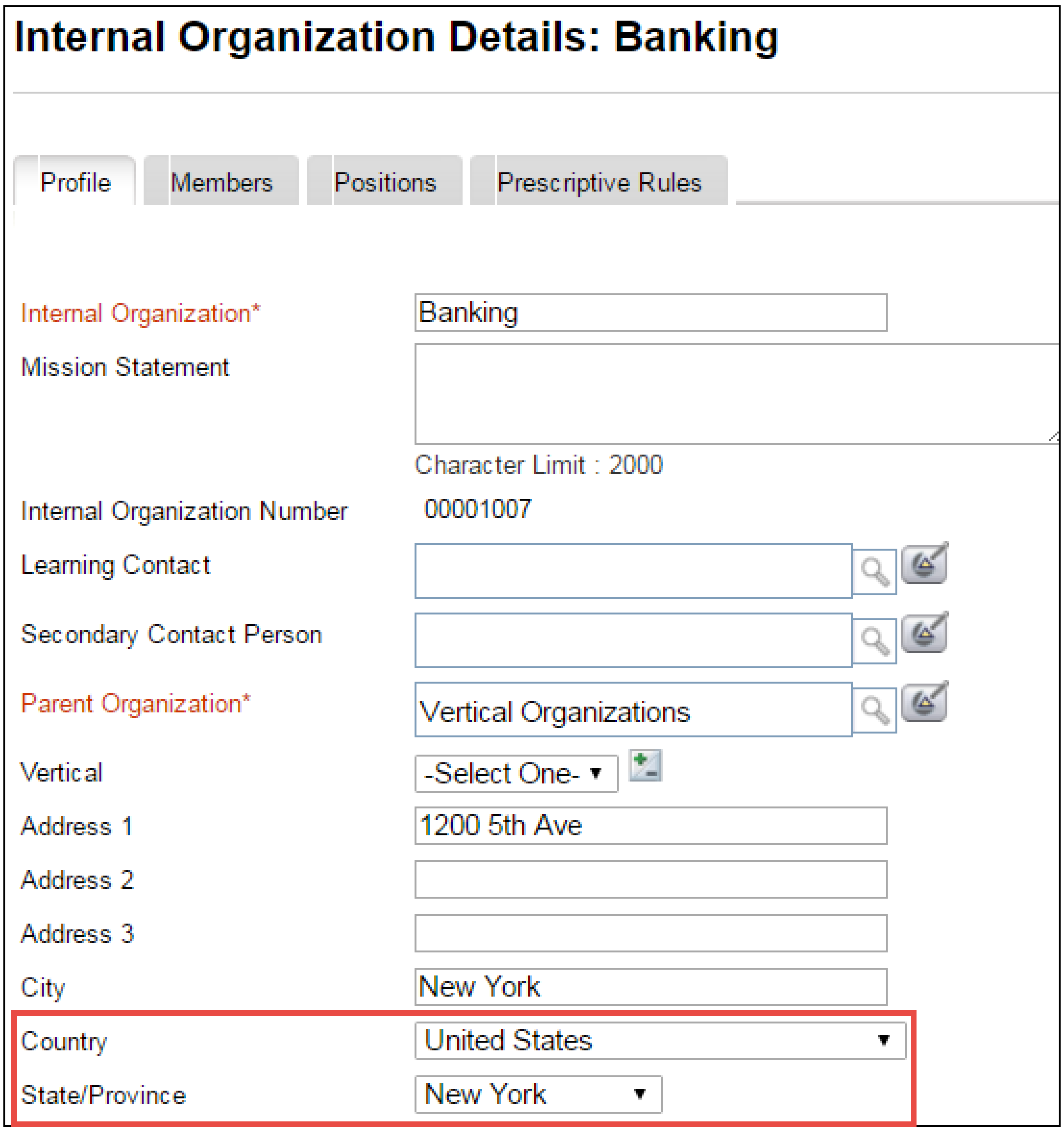


Figure 76: Internal Organization details

If the country has valid states, then the **State** field will be shown as LOV or it will be shown as text field only. If the existing data in Country or State contains invalid or incorrect values, then those values will be underlined in red. This will not mandate the user to change the values but just indicate about invalid values.

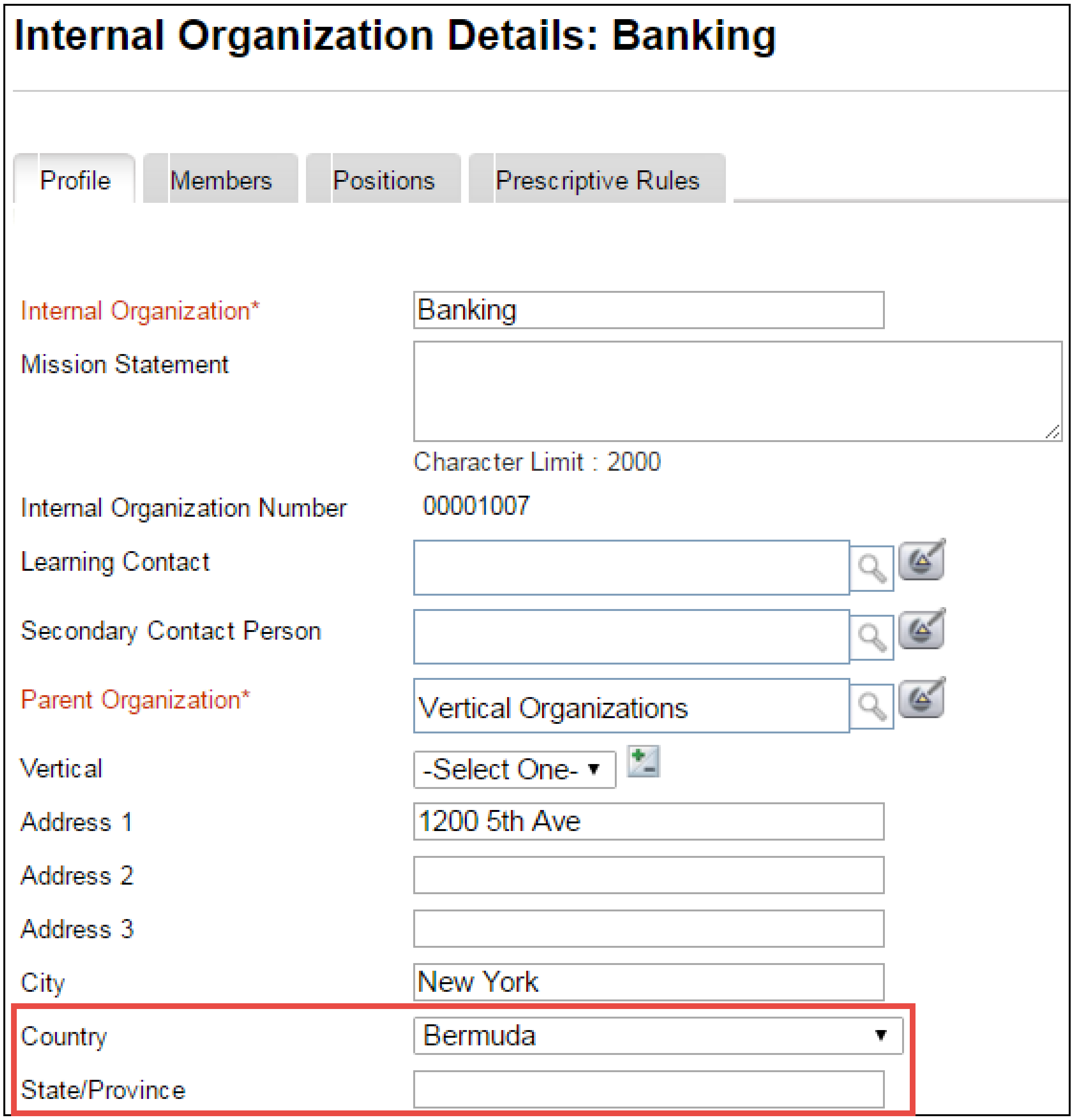


Figure 77: Country LOV and State textbox

To facilitate migration of current incorrect values of countries and states, an easy to use migration tool is provided in System > Configure System > Countries. On clicking Migrate, it detects incorrect country or state names and lets the admin update the correct values for selected object.

To update incorrect country or state details:

1. Navigate to **System** > **Configure System** > **Countries**.

Figure 78: Migrate incorrect values

2. Click **Migrate**. The tool detects all the invalid names in the system for the selected object.

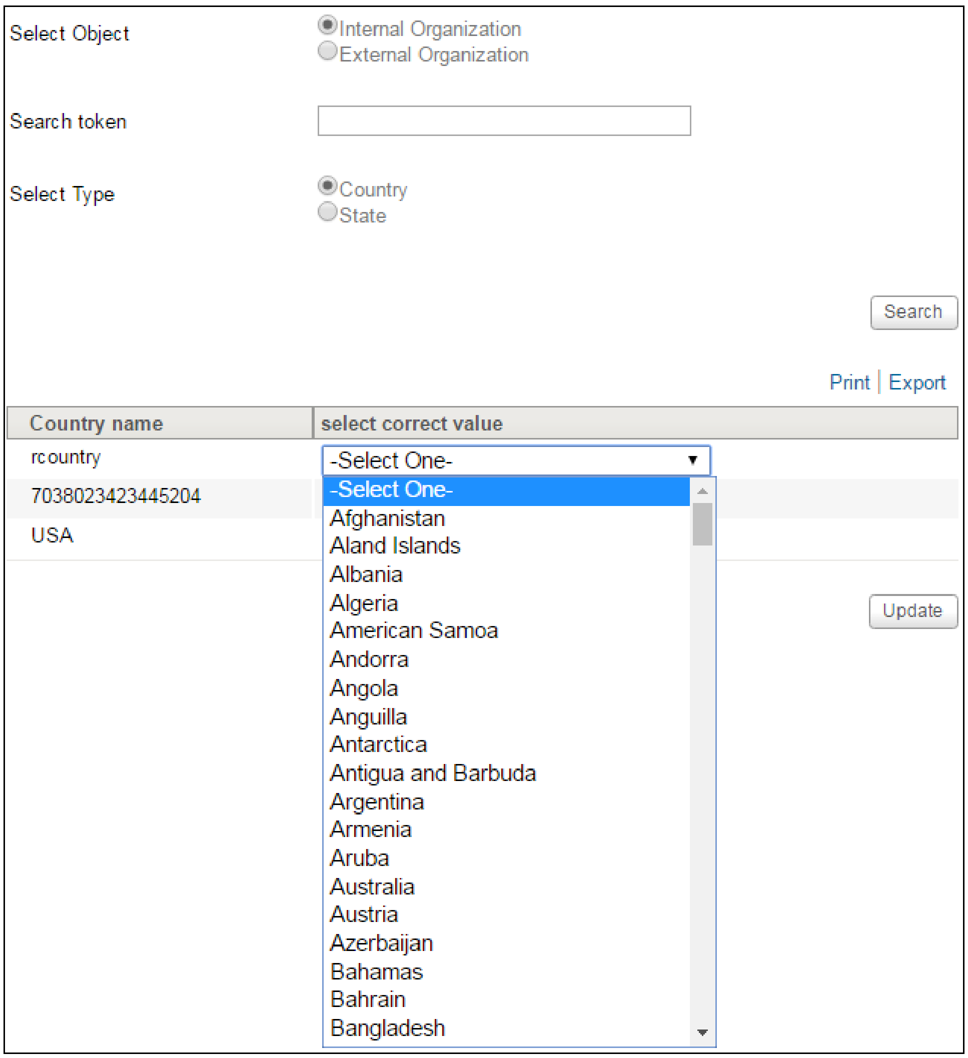


Figure 79: Migrate incorrect values

3. Enter the following details.

Table 101: Migrate fields

Field name	Description
Select Object	Select the object in which the incorrect entries are avail~ able. The options are: • Internal Organization • External Organization
Search Token	Enter the token number against which you will make the changes.
Select Type	Select **Country** or **State** whose incorrect entries you need to update.
Update correct values	Select the correct value against each incorrect/invalid country or state name.

4. Click **Update**. The updated entry is removed from the list.

Use case

This feature will ensure there is consistent data across the system and it improve the integrations with other systems.

Expand Tax API

How did it work?

There was a need to improve Tax integration to send additional information, such as class details, course details, organization details, and learner custom fields in the API call made to client tax system.

How does it work now?

The following attributes are now added to Tax Information and Tax Exemption JSON request:

- Class location address
- Class number
- Class custom fields
- Course title
- Course no
- Course version
- Course custom fields
- Delivery type id
- Delivery type name
- Organization number
- Organization custom fields
- Learner custom fields - In case of an unassigned learner, all these fields will be blank
- Learner username
- Learner person number
- Learner full name

Points to remember

1. Learner location information is not included since learner addresses are already part of request.
2. Course/subscription/training unit custom fields are sent in customPrimary attributes.
3. Class custom fields are sent in customSecondary attributes.
4. Registration ID is generated only after completion of order, so registration ID is not available while calling the tax engine.

If the request structure is changed, it will impact existing customers who are using tax service with old structure. Hence, new properties are introduced under the **Tax Configuration** properties of the microsite so that the new information will be sent only if these properties are enabled.

To enable the new properties:

1. Log into the application as a system administrator.
2. Navigate to **System** > **Configure System** > **Microsites** > Search for a select a site whose tax configuration properties need to be updated.
3. Click **Site properties**.
4. Click **Tax Configuration**.
5. Enable the following new properties:

Table 102: New properties in Tax configuration

Name	Description
Enable Learner's details in Tax Service	Sends the following learner specific details with the tax request. • learnerId • userName • personNo • fullName • customUser • orgId • orgName • customOrg The possible values are: • On • Off
Enable Location of class in Tax Service	Sends the location of class with the tax request. This property is applicable for session-based classes only. The possible values are: • On • Off
Enable details of class in Tax Service	Sends the following class specific details with the tax request: • courseId • courseTitle • version class • No delivery • TypeId • deliveryTypeName

Name	Description
	The possible values are: • On • Off
Enable Learner's details in Tax Exempt Service	Sends the following additional learner related details with the tax exempt service. These will be part of the new attribute learnerDetails. This attribute will have the following sub attributes like: • learnerId • userName • personNo • fullName • personCustom • orgId • orgName • companyCustom The possible values are: • On • Off
REST API URL to send tax action on order confirmation	Set up an endpoint to send additional tax call whenever order gets confirmed. The JSON request will have the following additional attribute: • "orderAction" : "Confirm"
REST API URL to send tax action on refund of order	Set up an endpoint to send additional tax call whenever the payment gets refunded or adjusted. The JSON request will have the following additional attribute: • "orderAction" : "Refund" • "refundAmount" : 3.2

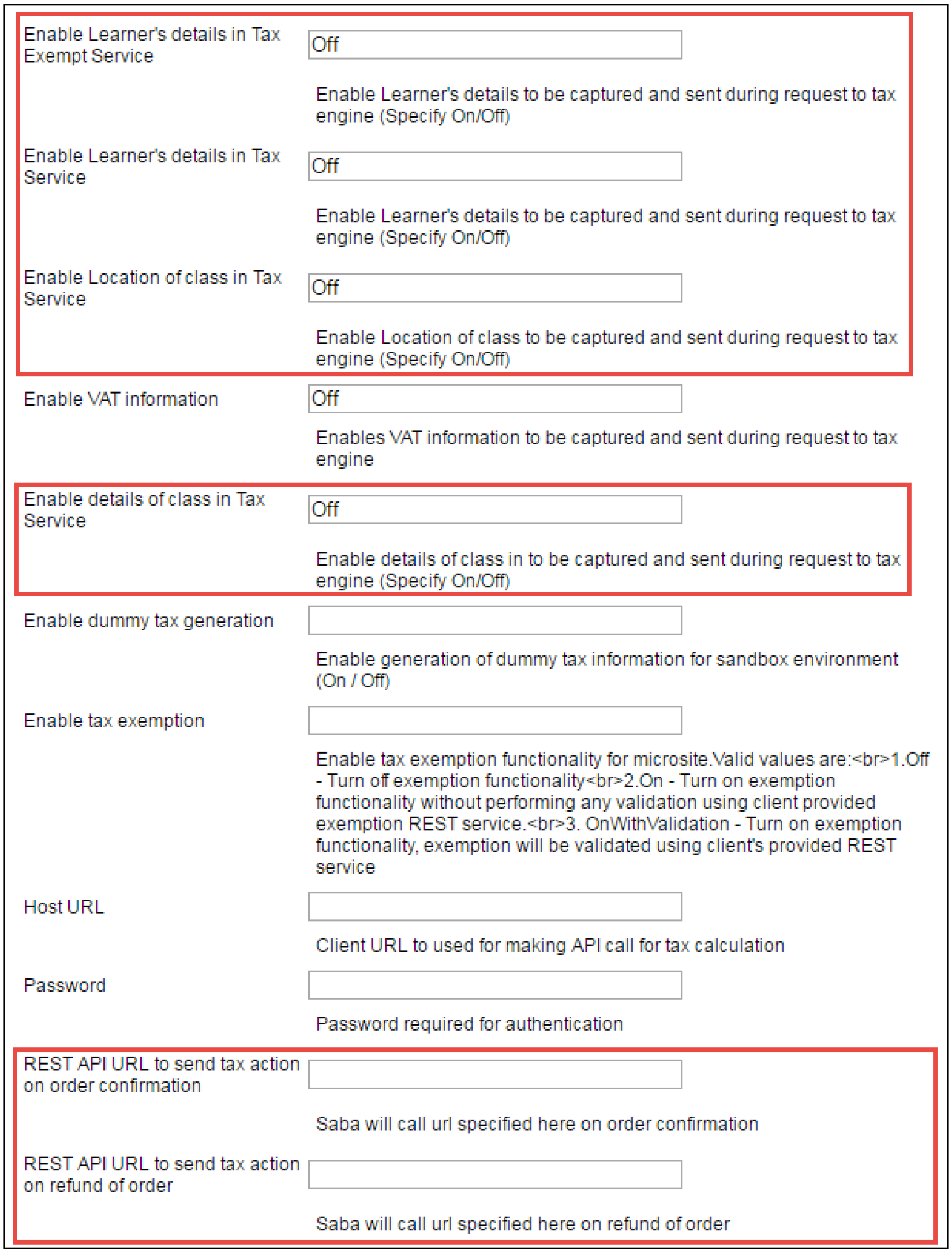


Figure 80: New properties of Tax Service

6. Click **Save**.
7. Click **Done**. Now if the above properties are enabled, the new details will be sent with the tax request.

Tax Info JSON request (New attributes are **highlighted**)

```
{
    "addresses":[
        {
            "zip":"400709",
            "country":"US",
            "addressCode":"SHIP_FROM",
            "city":"400003",
            "region":"MH",
            "line3":"",
            "line2":"line2",
```

```
            "line1":"line 1"
        },
        {
            "zip":"61820",
            "country":"AX",
            "addressCode":"SHIP_TO",
            "city":"Champaign",
            "region":"AS",
            "line3":"",
            "line2":"",
            "line1":"2109 fox dr"
        },
        {
            "zip":"co3bzip",
            "country":"CA",
            "addressCode":"BILL_TO",
            "city":"co3bcity",
            "region":"BC",
            "line3":"",
            "line2":"ADDR2",
            "line1":"co3baddress1"
        },
        {
            "zip":"400059",
            "country":"india",
            "addressCode":"00200040",
            "city":"Mumbai",
            "region":"MH",
            "line3":"",
            "line2":"",
            "line1":"address line1"
        }
    ],
    "orderNo":"00209767",
    "custom0":"",
    "custom1":"",
    "custom2":"",
    "lines":[
        {
            "itemCode":"class000000000201088",
            "orgId":"cmpny000000000001002",
            "courseTitle":"MultiCurrency_Price@Offering",
            "lineNo":"ioreg000000000004941",
            "learnerId":"persn000000000001031",
            "billTo":"BILL_TO",
            "currency":"USD",
            "personNo":"001031",
            "courseId":"cours000000000201439",
            "shipFrom":"SHIP_FROM",
            "amount":30,
            "orgName":"Company3",
            "quantity":1,
            "customUser":[
                {
                    "custom9":"CTHREE2 Custom 9\t",
                    "custom0":"CTHREE2 Custom0",
                    "custom3":"CTHREE2 Custom3",
                    "custom4":"CTHREE2 Custom4",
                    "custom1":"CTHREE2 Custom1",
                    "custom2":"CTHREE2 Custom2",
                    "custom7":"CTHREE2 Custom7",
                    "custom8":"CTHREE2 Custom8",
```

```
                    "custom5":"CTHREE2 Custom5",
                    "custom6":"CTHREE2 Custom6"
                }
            ],
            "classLocation":"00200040",
            "fullName":"Client2 Three2",
            "userName":"CTHREE2",
            "version":null,
            "customPrimary":[
                {
                    "custom1":"Course custom1",
                    "custom7":"Course custom7"
                }
            ],
            "deliveryTypeId":"eqcat000000000000004",
            "deliveryTypeName":"Instructor-Led",
            "customSecondary":[
                {
                    "custom0":"ILT Offering custom0",
                    "custom6":"ILT Offering custom6"
                }
            ],
            "classNo":"ILT",
            "customOrg":[
                {
                    "custom0":"co3custom0",
                    "custom3":"co3custom3",
                    "custom4":"co3custom4",
                    "custom1":"co3custom1",
                    "custom2":"co3custom2"
                }
            ],
            "shipTo":"SHIP_TO"
        }
    ],
    "orderDate":"08-18-2016"
}
```

Tax Exempt JSON request (New attributes are **highlighted**)

```
{
    "firstName":"Client2",
    "lastName":"Three2",
    "custom0":null,
    "profileCustom":[
        {
            "custom9":"CTHREE2 Custom 9\t",
            "custom0":"CTHREE2 Custom0",
            "custom3":"CTHREE2 Custom3",
            "custom4":"CTHREE2 Custom4",
            "custom1":"CTHREE2 Custom1",
            "custom2":"CTHREE2 Custom2",
            "custom7":"CTHREE2 Custom7",
            "custom8":"CTHREE2 Custom8",
            "custom5":"CTHREE2 Custom5",
            "custom6":"CTHREE2 Custom6"
        }
    ],
    "shippingAddress":{
        "zip":"61820",
        "country":"AX",
        "addressCode":"SHIP_TO",
```

```
        "city":"Champaign",
        "region":"AS",
        "line3":"",
        "line2":"",
        "line1":"2109 fox dr"
    },
    "custom1":null,
    "custom2":null,
    "personNo":"001031",
    "learnerDetails":[
        {
            "orgName":"Company3",
            "learnerId":"persn000000000001031",
            "personCustom":{
                "custom9":"CTHREE2 Custom 9\t",
                "custom0":"CTHREE2 Custom0",
                "custom3":"CTHREE2 Custom3",
                "custom4":"CTHREE2 Custom4",
                "custom1":"CTHREE2 Custom1",
                "custom2":"CTHREE2 Custom2",
                "custom7":"CTHREE2 Custom7",
                "custom8":"CTHREE2 Custom8",
                "custom5":"CTHREE2 Custom5",
                "custom6":"CTHREE2 Custom6"
            },
            "fullName":"Client2 Three2",
            "userName":"CTHREE2",
            "personNo":"001031",
            "orgId":"cmpny000000000001002",
            "companyCustom":{
                "custom0":"co3custom0",
                "custom3":"co3custom3",
                "custom4":"co3custom4",
                "custom1":"co3custom1",
                "custom2":"co3custom2"
            }
        }
    ],
    "username":"CTHREE2"
}
```


Enabling Order Payment Refunded notification

The users, who are using Webhooks action to achieve additional tax API calls can use **Order Payment Refunded** notification. By default, this notification is disabled. The system admin must navigate to **System** > **Configure System** > **Services** > **Orders** and enable this notification. This notification will be triggered when an order payment is refunded.

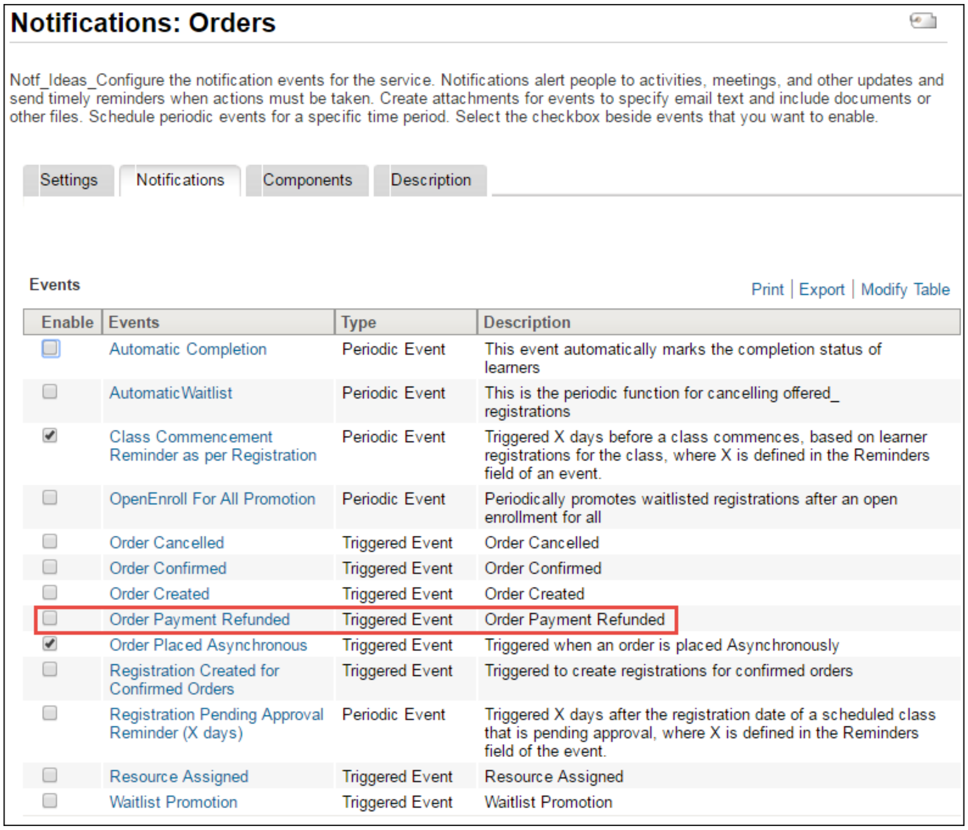


Figure 81: Order payment refund notification

Use case

Some users use tax models that considers the location of the ILT class rather than the location of the user. Also, the information about the user's organization may also influence the tax rate. Hence, the Tax API has been updated with more information so that user gets more flexibility in taxing based on their own requirements.

Invoice Me enhancements

How did it work?

If the payment is processed outside of Saba Cloud, then select the **Invoice** payment option. Specify the required payment-related details. This invoice data is then referenced by an external system that actually processes your payment. There was a need to enhance this payment option, by making it configurable and a provision for registrar to approve the invoice payment before confirming the order.

How does it work now?

The following enhancements are made to the **Invoice Me** payment type:

1. New setting

   A new setting **Enable Invoice Payment Approval** has been introduced under **Order** > **Internal Orders** service. By default, this setting is disabled. When this setting is enabled, all the orders with Invoice payments will be in **Payment Initiated** status. Only Registrar will be able to approve such orders from the invoice details.

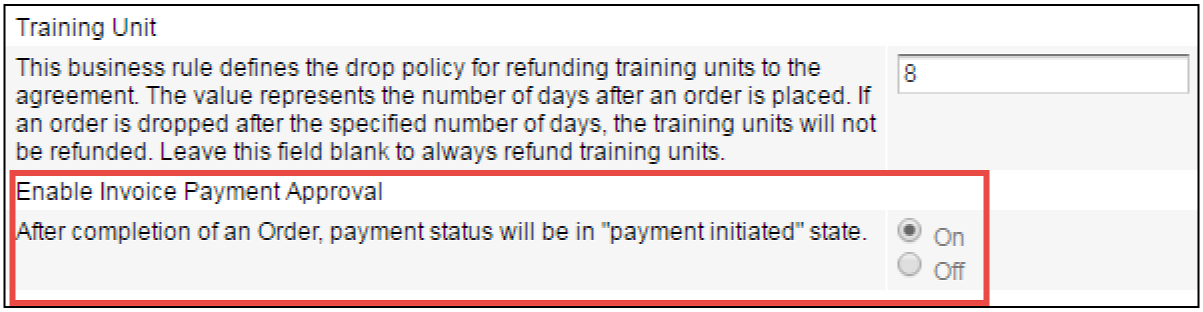


Figure 82: New setting for invoice

2. New notification

   A new notification **Order invoice payment approval pending** has been introduced under the **Orders** service. By default, this notification is disabled. When its enabled, the notification will be triggered when a new order is created with an Invoice in the pending payment status.

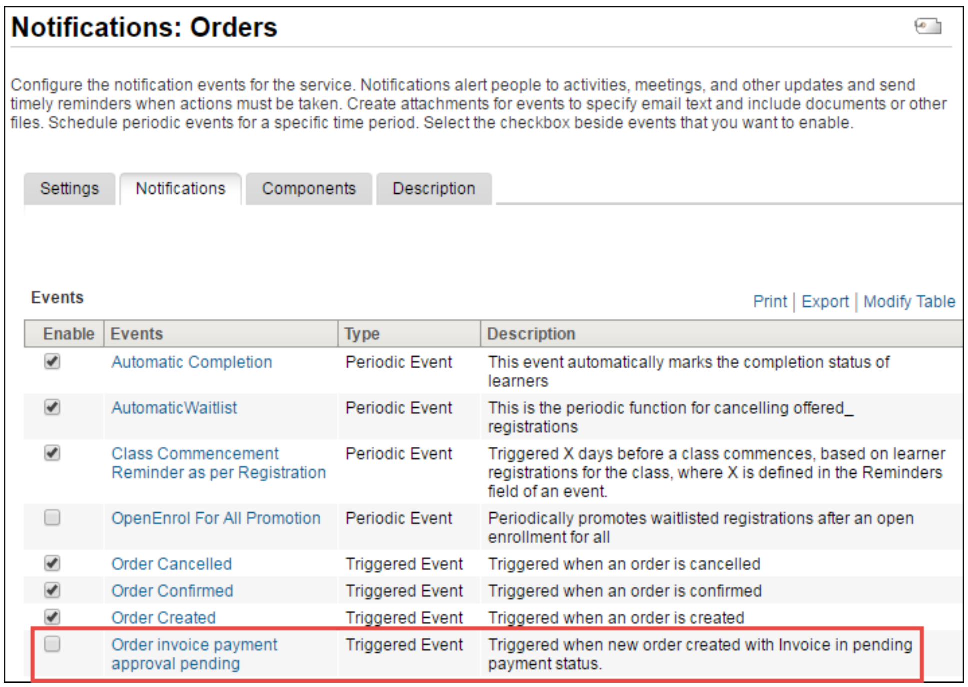


Figure 83: New notification for invoice

3. Ability to approve invoice payments

   The registrar now has the provision to approve the invoice payments for an order. Once the learner buys the course using an invoice, the order will be moved to Payment Initiated state. The registrar will go to the order details and approve the payment. Once the payment is approved, the order will be confirmed. If the registrar is not convinced with the invoice details, then he/she can reject the payment and the order will be cancelled.

Figure 84: New notification for invoice

4. Enhancements to Invoice form

The **Details** field on the Invoice form can be configured to be LOV field. The learning admin and registrar can configure and add default values. By default, this field is mandatory.

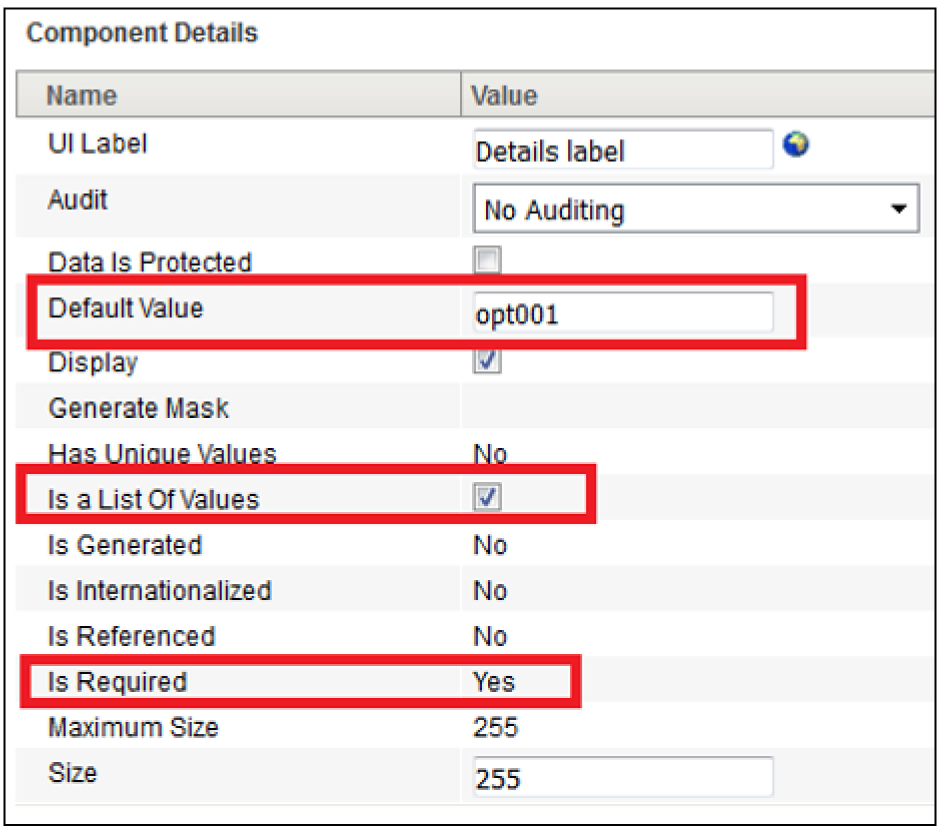


Figure 85: Configuration for Details field

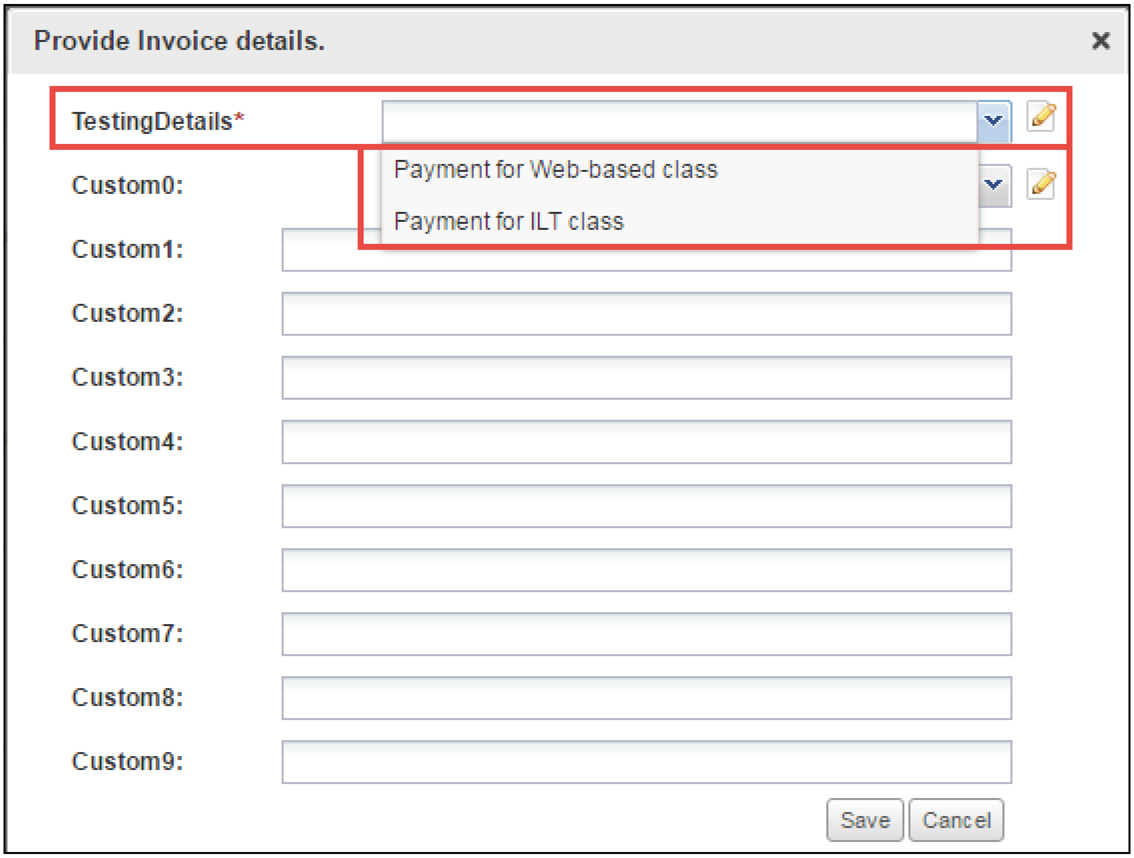


Figure 86: New notification for invoice

Use case

Users needed purchasing process to handle the tracking of payments that are not made in Saba. The new enhancements in invoice fill these gaps.

Make payments to course owner's organization

How did it work?

Prior to this update, when a learner buys any course, the payments are made to the learner's organization instead of the course owner's organization.

How does it work now?

From this update, the admin will be able to configure the microsite in such a way so that the learner can directly make the payment to the course owner, who owns the content instead of the learner's organization. To support this, the following changes have been made:

1. **New setting**

   A new setting **After registration, make payments to course owner/creator** has been added under the **E-commerce** service. By default, this setting is disabled. When it is enabled, the catalog admin will be able to select the Microsite in class and course so that the payments will be made to the organization associated with it.

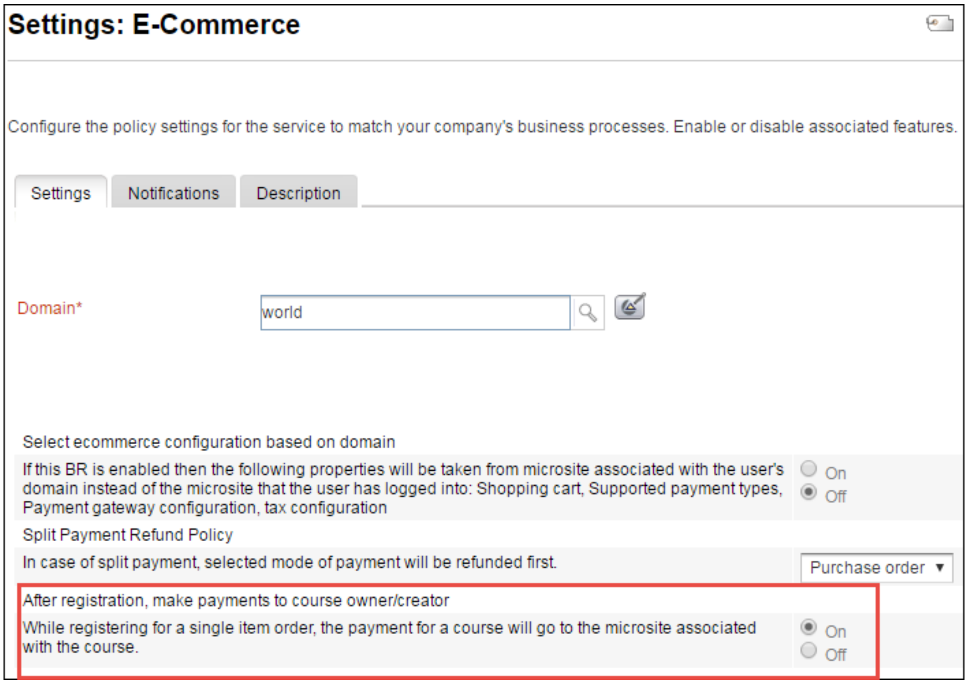


Figure 87: New setting under E-commerce

2. **Configuration in Microsite**

   A new checkbox **Enable Payment** has been added to the Microsite. This checkbox appears only when the above setting is enabled. By default, this checkbox is disabled. When it is enabled, this Microsite will appear on the course and class details page.

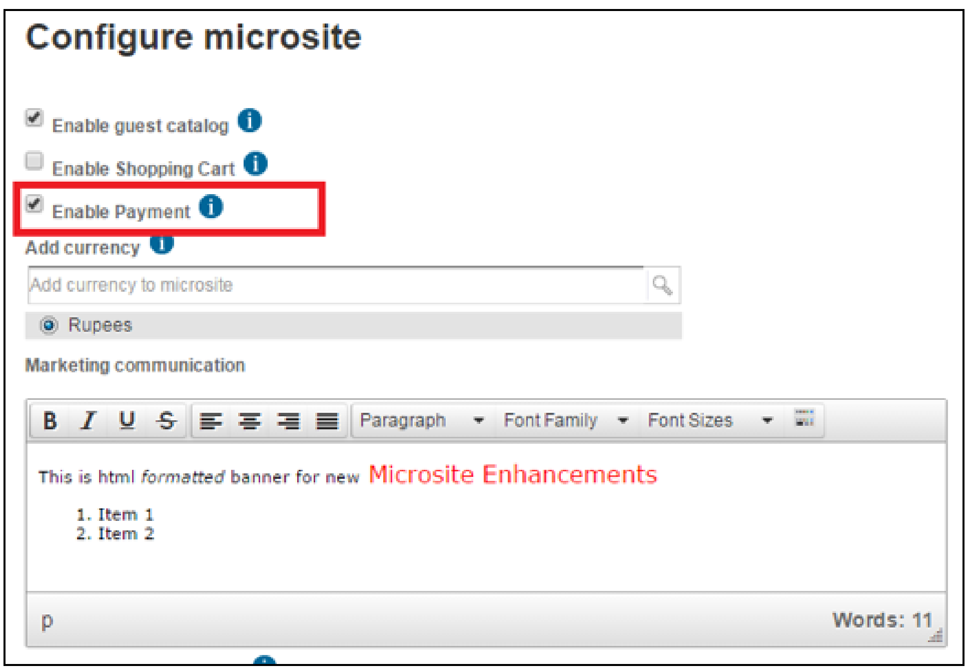


Figure 88: Configuration at Microsite

3. **Configuration at course & class details page**

   A new **Microsite** field has been added to the course and class details page under **Pricing Information** section. This field appears only when the above setting is enabled. The catalog admin must select the Microsite to which the payment will be sent. If a course is created through a wizard, then the **Microsite** field will not be displayed. This field appears only on editing the course.

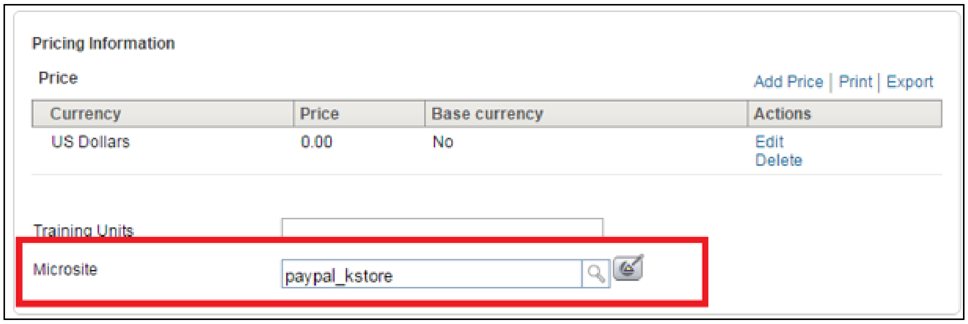


Figure 89: Configuration at class & course details page

The catalog search page is updated by including Microsite as a search filter. By default, this field will not appear. The admin must enable the new setting to use it as a search filter.

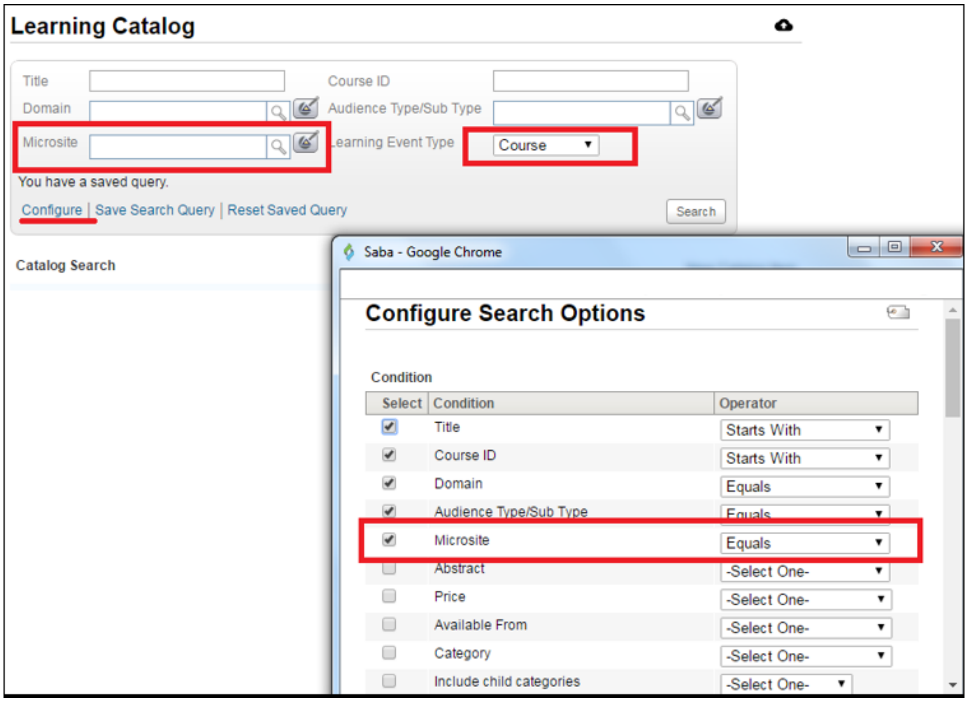


Figure 90: New search filter

When a class is created from a course including a microsite, then the microsite will be inherited to the newly created class as well.

When a learner purchases such a class, the payment will be made to the selected microsite, regardless of the microsite associated with the learner's domain and the microsite used by logged-in learner.

This is not applicable to a course in a multiple items order. In such a case, the **Payment Goes To** field will be ignored and default payment logic will be used (where it will either consider the microsite associated with the user's domain or microsite associated with the logged-in user) depending on the configuration. This includes:

- Shopping cart orders with more than one catalog items
- Packages
- Purchase of Curricula/Certification with multiple items
- Registrar purchases where multiple items are chosen in one order

This is applicable only to the credit card and paypal payments. Due to this, only credit card properties will be picked up whereas other properties like tax etc, will be picked from the logged-in microsite only. When such a order gets cancelled, then the refund will be returned to the account from where the initial payments were done. If a learner or a registrar tries to make the payment later with Add payment flow and all conditions are fulfilled, then the payment will be made to the selected microsite.

Use case

This supports an organization where different business units are creating content and sharing content with all users. The money for the class should not go to the user's organization but rather to the organization that owns the content.

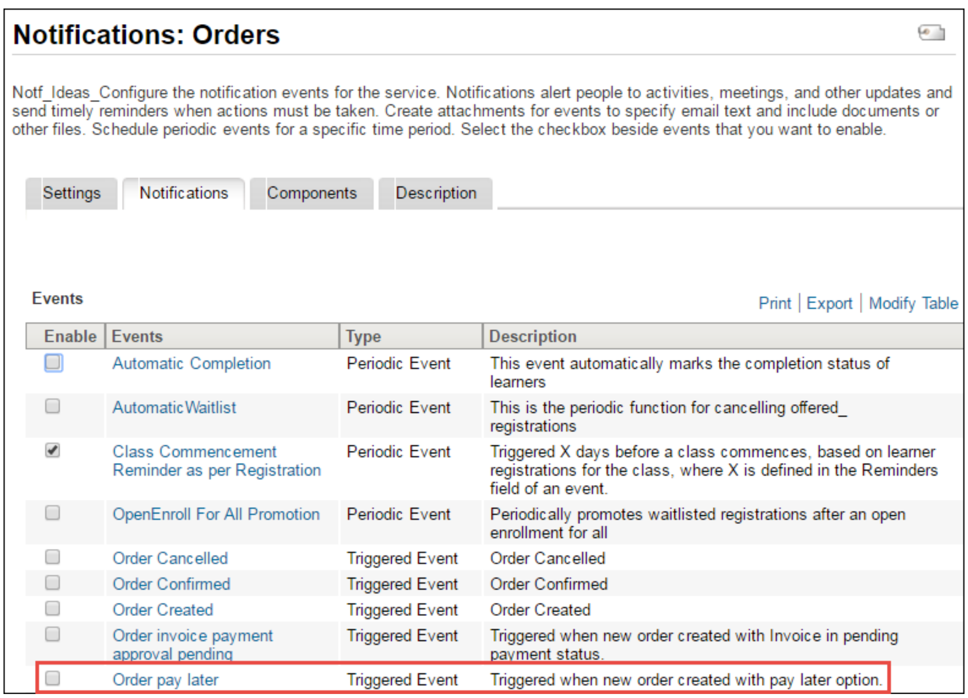
New notification for pay later functionality

How did it work?

If a user creates an order and chooses to pay later, then a notification is not sent to the user to inform about the complete payment details.

How does it work now?

A new notification **Order pay later** has been added under **System** > **Configure System** > **Services** > **Orders**.



Notifications: Orders

Notf_Ideas_Configure the notification events for the service. Notifications alert people to activities, meetings, and other updates and send timely reminders when actions must be taken. Create attachments for events to specify email text and include documents or other files. Schedule periodic events for a specific time period. Select the checkbox beside events that you want to enable.

Settings | Notifications | Components | Description

Events

Print | Export | Modify Table

Enable	Events	Type	Description
☐	Automatic Completion	Periodic Event	This event automatically marks the completion status of learners
☐	AutomaticWaitlist	Periodic Event	This is the periodic function for cancelling offered_ registrations
☑	Class Commencement Reminder as per Registration	Periodic Event	Triggered X days before a class commences, based on learner registrations for the class, where X is defined in the Reminders field of an event.
☐	OpenEnroll For All Promotion	Periodic Event	Periodically promotes waitlisted registrations after an open enrollment for all
☐	Order Cancelled	Triggered Event	Order Cancelled
☐	Order Confirmed	Triggered Event	Order Confirmed
☐	Order Created	Triggered Event	Order Created
☐	Order invoice payment approval pending	Triggered Event	Triggered when new order created with Invoice in pending payment status.
☐	Order pay later	Triggered Event	Triggered when new order created with pay later option.

Figure 91: New notification to order and pay later

By default, this notification is disabled. When this notification is enabled, then it will be triggered when a user chooses to make the payment later.

Use case

If a user creates an order and completes the payment, they receive a confirmation notification with details on how to access the course. But if a user creates an order and chooses to pay later, then the **Order pay later** notification is sent to the user which includes admin's comments on how to complete the payment and make the content available once the full payment is received.

Content

Track number of attempts for unlimited attempts on content

How did it work?

Saba Cloud did not track the learner attempts on content when the number of attempts on the content was set to unlimited. This resulted into inconsistent data during reporting.

How does it work now?

With this update, Saba Cloud tracks learner attempts on content even when the number of attempts on the content is set to unlimited. Basically, the content attempt count is now tracked irrespective of the attempts set on a content module.

Learner's attempts are counted for both new and existing content where the number of attempts is set to unlimited; however, learner's attempts on such content made prior to this update are not restored and taken into consideration. So, the count is not displayed for any such content that was completed prior to this update.

After this change, for content with unlimited attempts the behavior of **Content Attempt definition** setting is same as it is for content with limited attempts.

Use case

There is a need to report content attempts for content where the number of attempts is unlimited.

Import Panopto videos as SCORM content

How did it work?

Saba Cloud imported videos by content providers such as Panopto as Video content format while adding them to the content library.

How does it work now?

With this update, Saba Cloud allows learning administrators to import Panopto videos as SCORM packages while adding them to the content library.

To import video as a SCORM package:

1. Click **Admin** > **Learning** > **Manage Content**.
2. Select the required folder.
3. Click the **Import** link.
4. On the **Content Details** page:
   a. Select **Content Format** as *SCORM Package*.
   b. Select **Content Type** as *Panopto Video*.
   c. Select **Player Template** as *Standard Content Player Template*.
5. Specify any other details and click **Next**.
6. On the **Import Content** page, either select an existing video or upload a new one.
7. Click **Save** and then click **Import**.

The resulting SCORM zip file is stored on the Saba Content Server but the video is served through Panopto.

Note: Panopto must be configured and enabled by the system administrator.

If Panopto is disabled, and if you try to edit an existing content, then the **Upload Video** option is disabled so that you cannot upload a new Panopto video. However, you can edit remaining content details. If you click **Preview Content**, then Saba Cloud displays a message indicating that video service is not configured.

Notes

- Video as SCORM content is of SCORM 1.2 format.
- Since the annotation functionalities such as bookmarks, notes, and discussions are provided by Panopto, they are visible by default and cannot be configured for Video as SCORM content.
- Every attempt on Panopto video SCORM content after a successfully completed attempt is marked as a completed attempt.
- Currently, Panopto video content is not supported by the Saba Cloud mobile app.

Use case

There is a need to import videos by third-party content providers such as Panopto as SCORM packages into Saba's content library.

Deployed SCORM content support for mobile

How did it work?

Deployed SCORM content imported to the content library was not compatible with mobile devices.

How does it work now?

With this update, Saba Cloud now supports mobile device compatibility for Deployed SCORM content imported into the content library.

Only the following version of Deployed SCORM content format can be imported with mobile compatibility:

- Deployed SCORM 1.2

For newly imported Deployed SCORM 1.2 content, the **Mobile Device Compatibility** dropdown list is editable. By default, the value set is **Not Compatible**, but content administrators can select the required value. For any Deployed SCORM 1.2 content imported prior to this update, the **Mobile Device Compatibility** dropdown list value can be modified by editing the content.

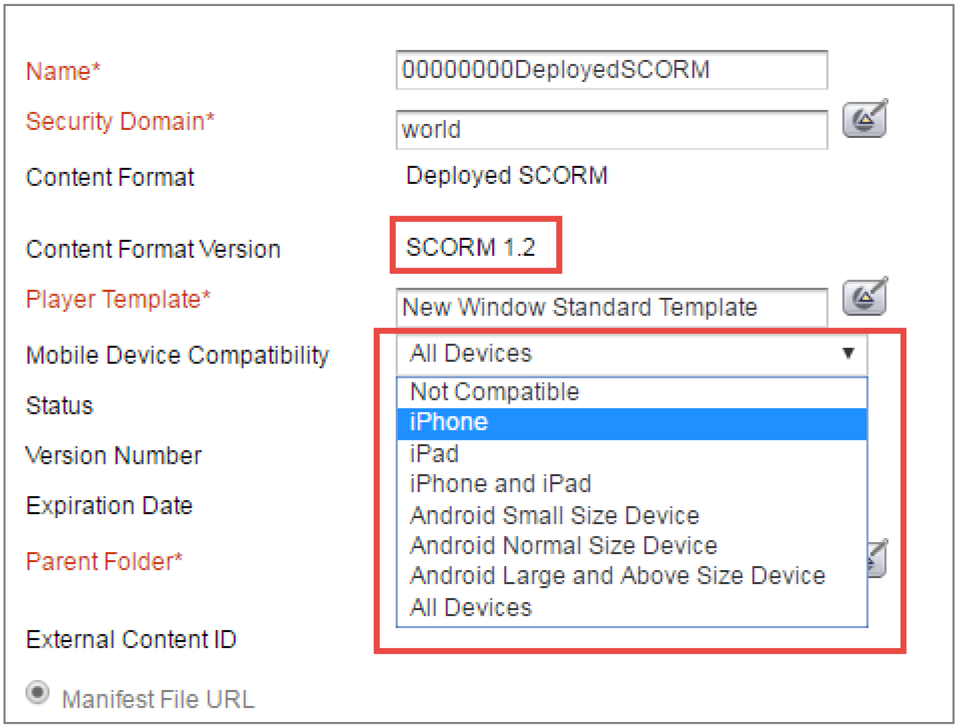


Figure 92: Mobile Device Compatibility for Deployed SCORM 1.2

Currently, Deployed SCORM 2004 and Deployed SCORM 2004 ED3 formats cannot be imported with mobile compatibility because these formats are not supported by the Saba Cloud mobile app.

For such content, the **Mobile Device Compatibility** dropdown list is not editable.

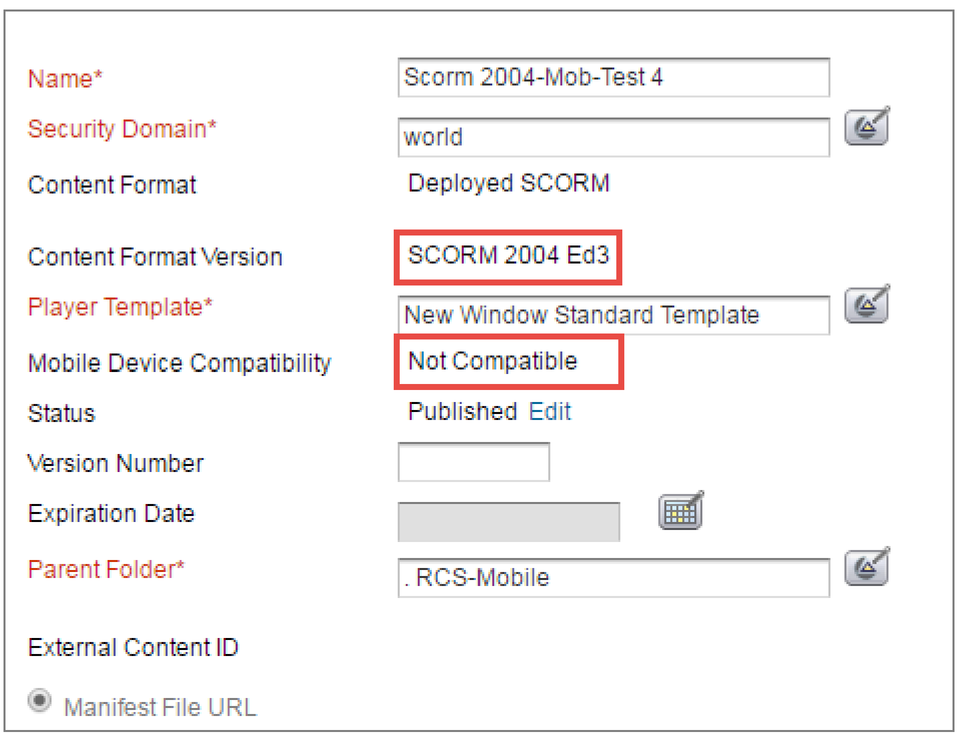


Figure 93: No Mobile Device Compatibility for Deployed SCORM 2004 ED3

Use case

Saba Cloud app on mobile devices supports Deployed SCORM 1.2 content. Therefore, there is a need to support mobile device compatibility for Deployed SCORM 1.2 content while importing it to the Saba Cloud content library.

Chapter 4

Social

Topics:

Organizational Chart available under People tab

How did it work?

Prior to this update, the organizational chart was available only under the **Me** and **My Team** tabs. It was not available under the **People** tab.

How does it work now?

With this update, the organizational chart in Saba Cloud is now available under the **People** tab as well.

To access the organizational chart, click the **People** link under the **People** tab. If the corresponding service is enabled, then the organizational chart appears in the top left-side of the page while the **People I'm Following** portlet appears below the chart. If the service is disabled, then the chart is not displayed.

Additionally, this update enhances the look and feel of the organizational chart.

All existing features of the organizational chart remain as they are.

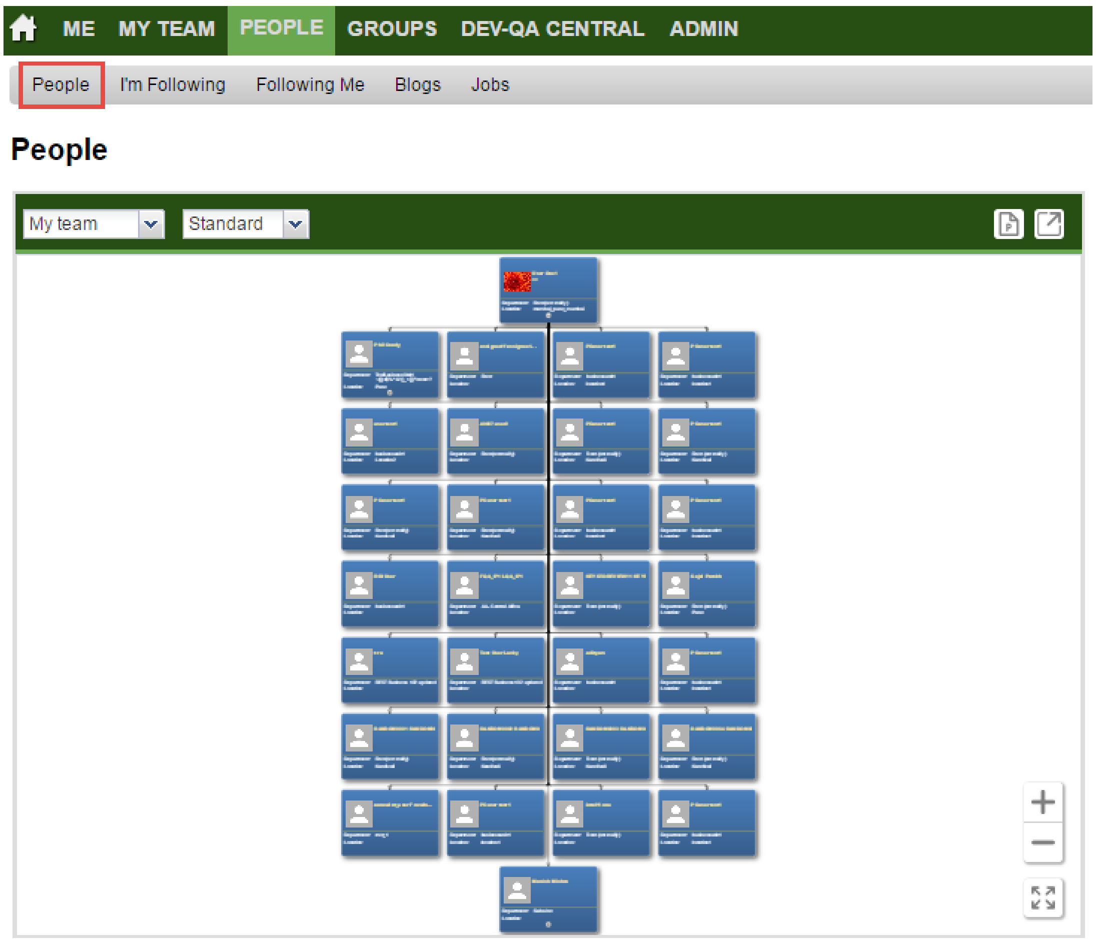


Figure 94: Organizational chart under People tab

Use case

Users need to easily find the organizational chart to look up a person in the organization.

Control access to workspaces

How did it work?

Prior to this update, a workspace in Saba Cloud was accessible to users via the workspace URL, irrespective of the users' access privileges and irrespective of whether the workspace was shared with them or not.

How does it work now?

This update enhances the access control for workspaces in Saba Cloud by introducing a new field.

While creating a workspace, users can now define access control for a workspace by setting the following new field:

- **Public Workspace**

  The value of this checkbox defines whether a workspace is available publicly to all users or it is restricted to selected users or groups with whom the workspace is shared.

  - If selected, then it allows users to access the workspace, irrespective of users or groups listed in the **Share with** field.
  - If cleared, then it restricts access to the workspace only to users or groups that are listed in the **Share with** field.

  By default, this checkbox is selected. This ensures that existing users who are accessing a workspace can continue accessing the workspace until the author of the workspace explicitly marks a workspace as secured by clearing the **Public Workspace** checkbox.

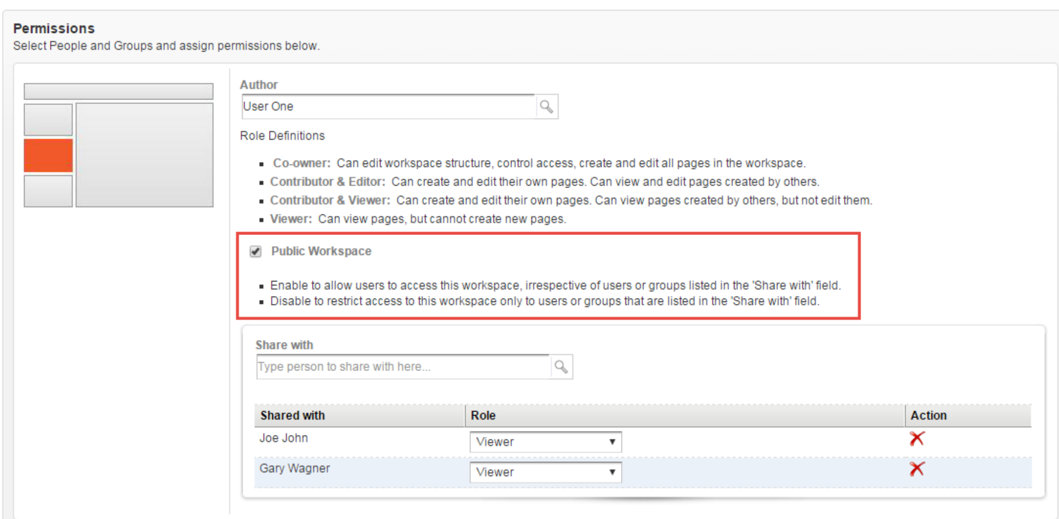


Figure 95: Public Workspace checkbox

If you want to restrict your workspace to a set of users or groups, then you must edit the workspace and clear the **Public Workspace** checkbox. Such a workspace is available only to users or groups with whom you have shared the workspace. If other users try to access such a private workspace, Saba Cloud displays an "Insufficient Privileges" error message.

In case of a workspace hierarchy, where a parent workspace has one or more levels of child workspaces and pages, the access is controlled as follows:

- If the parent workspace is private while the child workspace is public, then authorized users can access the child workspace and see the parent workspace title in hierarchy view. However, clicking the parent workspace title displays the insufficient privileges error.

- If a level-1 private child workspace itself has level-2 private child workspaces, then those level-2 child workspaces are not displayed either. However, if those level-2 child workspaces are public, then authorized users can access them. But their parent workspace is not displayed.
- If pages under a workspace are shared, then they are available to authorized users, irrespective of the workspace being public or private. However, private workspace-related details such as workspace title, Welcome page, Announcement portlet, and Workspace Contacts portlet are not displayed.
- The topmost level (Parent) workspace in a workspace hierarchy is always displayed regardless of it being Public or not. At other levels second and third, the parent workspace is not displayed if it is not Public and if a user does not have sharing privileges.

Notes

- Users can add a workspace as a parent or child workspace to any other workspace they own if:
  - It is a public workspace
  - It is a private workspace but is shared with those users
- While editing a child workspace, its parent workspace is always listed in the **Parent Workspace** picker field, irrespective of whether the parent workspace is public or private.
- A private child workspace is not listed in the **Child Workspace** picker field when:
  - Editing a parent workspace
  - Adding a child workspace to the parent workspace
- The accessibility of a workspace that is designated as a Wiki or company Intranet under **Microsite > Workspace**, is not affected by the **Public Workspace** checkbox value.

Use case

If users have access to a workspace URL, but they are not in a group that has permission to view the workspace, then they must not be able to access the workspace. This security enhancement allows users to create workspaces for specific purposes.

Display images and videos inline in group and activity stream

How did it work?

Prior to this update, any images or videos contributed to Saba Cloud were not displayed inline in the user or group activity stream. The stream displayed only the image or video title, which users had to click to see the actual image or video.

How does it work now?

Saba Cloud now displays images and videos inline in the user and group activity streams.

Note: Currently, only embedded videos are displayed inline in the activity stream; uploaded video files are not displayed.

Inline Images

When users contribute an image using the **File** option in the **Contribute** panel, the contributed image is shown inline as a thumbnail in the Home or Group Activity stream and on the resource details page. On clicking the image, it opens in the preview screen.

For images uploaded prior to this update:

- If they supported preview, then they are displayed inline.
- If edited and uploaded again, then they are displayed inline, irrespective of whether they support preview or not.

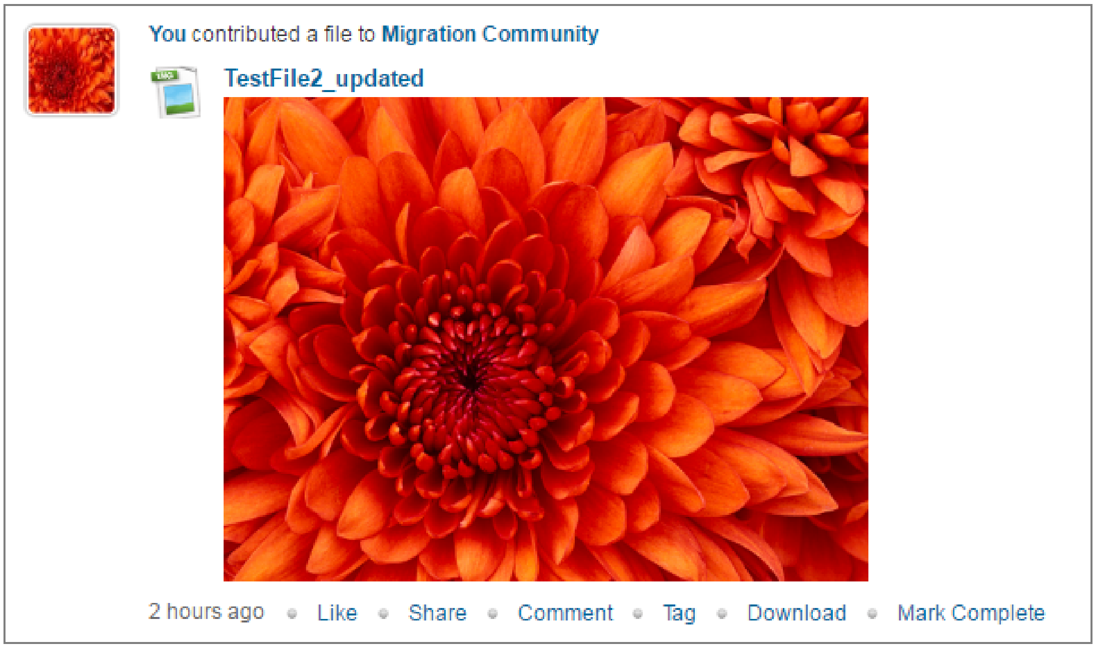


Figure 96: Inline image in Activity stream

Inline Videos

This update enhances the video contribution ability to include the new **Embed** option. So, when users click the **Video** option in the **Contribute** panel, Saba Cloud now displays the following two options:

- **Embed**

  Selecting this option displays the **Embed code** text box along with other regular fields like title, description, and so on. Users can add the embed code of an external video to this text box. The contributed video is displayed inline in the Home or Group Activity stream and on the resource details page.

  By default, this option is selected.

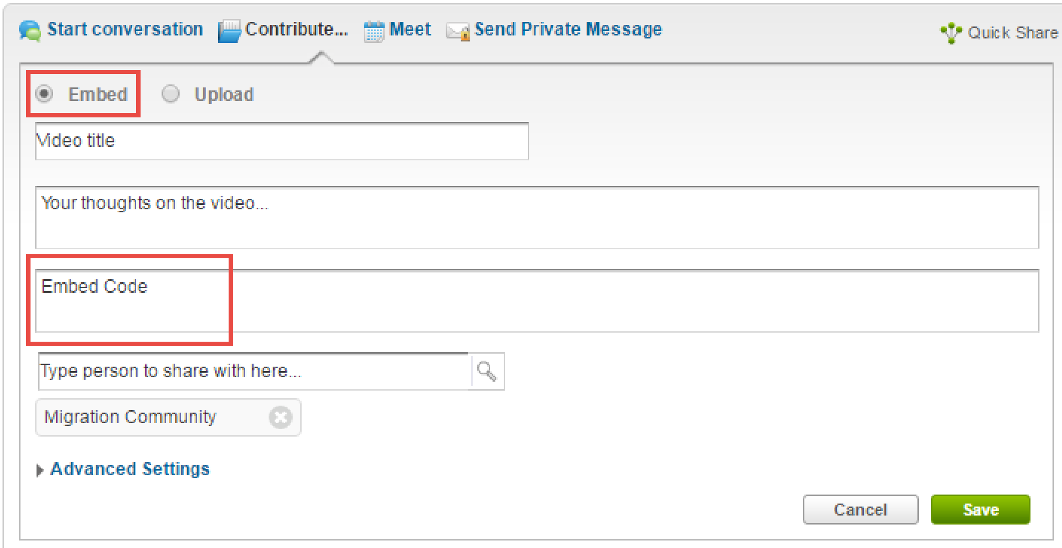


Figure 97: Embed option for video contribution

- **Upload**

  The ability to upload videos works as before and there is no functional change to this feature.

Note: If video integration is not enabled, then just the **Embed** option is available.

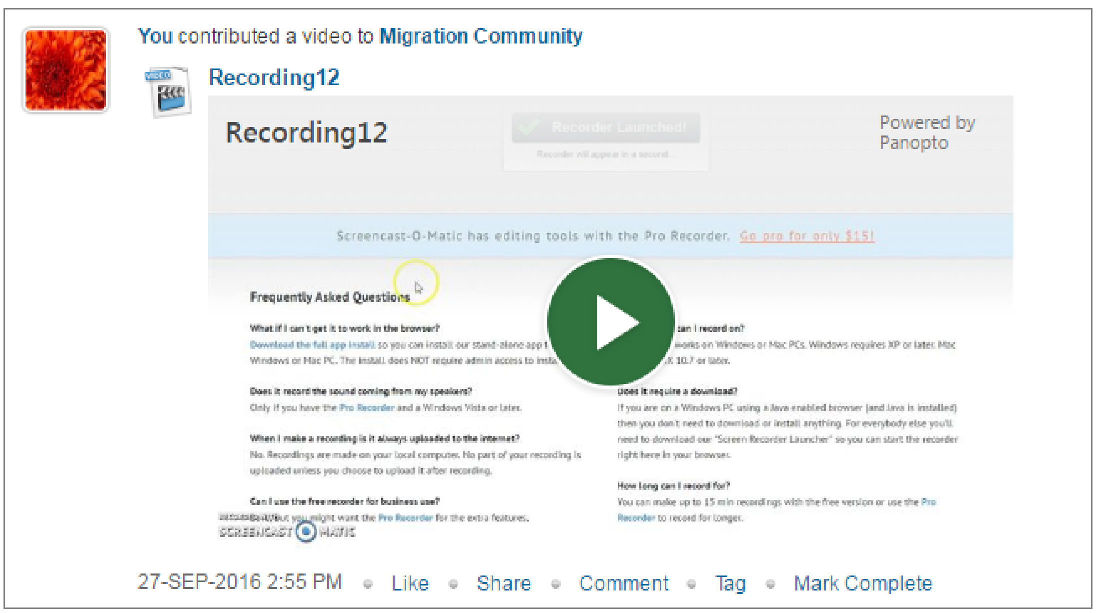


Figure 98: Inline video in Activity stream

Use case

Users need to see the thumbnails of images and videos they contribute in their activity stream itself. This helps to avoid multiple clicks and provides a better user experience.

Learning Record Store for recording social resource contributions in Saba Cloud

How did it work?

Prior to this release, Saba Cloud did not have the support to track social resources such as files, links and videos contributed by users into a Learning Record Store. Only Tin Can statements received from Tin Can content were recorded by the Learning Record Store.

How does it work now?

This update introduces the **Social LRS** service in Saba Cloud. Enabling this service allows users to track the social resources they contribute to Saba Cloud in a Learning Record Store (LRS).

System administrators can configure this feature by navigating to **System > Configure System > Services** and clicking the **Social LRS** service under **Learning Record Store**. The service is disabled by default.

Figure 99: Social LRS service

Recording Contributions

Once the **Social LRS** service is enabled, when users contribute a social resource such as file, link, and videos to Saba Cloud, a new **Mark Complete** link is displayed besides the contributed resource.

User can click the **Mark Complete** link to record the resource contribution to Saba's LRS. Once clicked, the link for that resource changes to **Marked Complete** and is disabled, indicating that the resource is already marked for tacking in the LRS. If versioning is allowed and if the user versions the resource, then the **Mark Complete** link is displayed for the new version of the resource, and the user can record the new version to Saba's LRS.

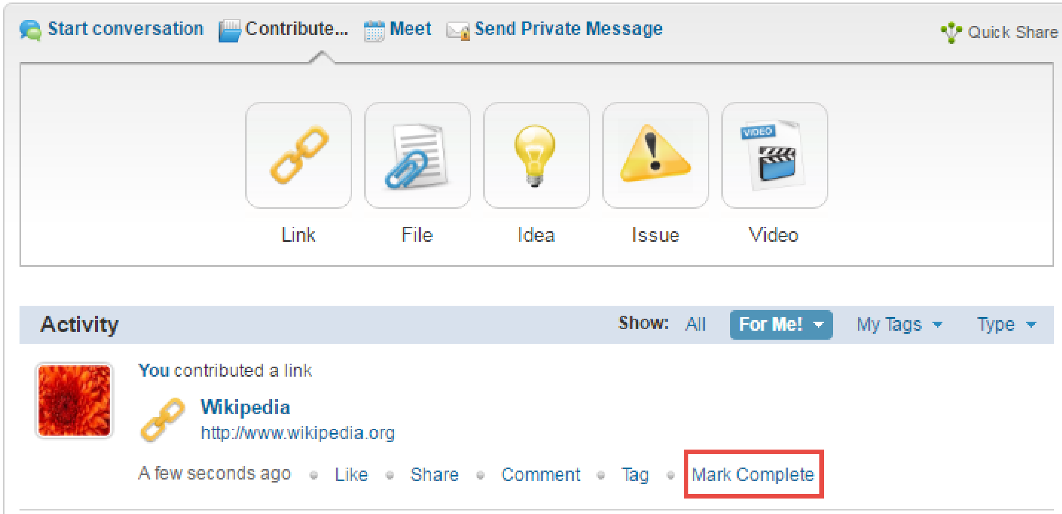


Figure 100: Mark Complete link in Activity

Figure 101: Mark Complete link on resource details page

When Social LRS recording is enabled for social resources, Saba Cloud also captures activities for the following actions on those resources:

- File
  - **Download**
  - **Preview**

  For example, a user Charles sees the following statements in his activity stream - *Charles downloaded file "Salesforce document"* or *Charles previewed file "Salesforce document"*

- Link

  Launch

  For example, a user Jena sees the following statement in her activity stream - *Jena launched file "Salesforce document"*.

Note: Even if the LRS activity capturing fails due to some reason for activities like Download, Launch or Preview, the actions are still performed.

Configuring the Display of Mark Complete Link

Note: To enable the feature, submit a support request. For assistance, contact Saba Support.

Saba Cloud controls whether social resource contributions can be recorded or not to the Saba LRS. By default, Saba Cloud displays the **Mark Complete** link for social resources including files, links and videos so that resource contributions can be recorded.

However, Saba Cloud "admin" users can configure the display of the **Mark Complete** link using certain site-level properties for the Learning Record Store. If disabled, then the link is not displayed for a social resource and users cannot record such resource contributions to the Saba LRS.

Additionally, Saba Cloud provides the ability where only certain resource contributions can be recorded but not all. If enabled, then resource contributers can decide whether they want to display the **Mark Complete** link for a resource they contribute using the **Mark as Informal Activity** checkbox in the contribution panel under **Advanced Settings**. Again, Saba Cloud "admin" users can configure the display of this checkbox using certain site-level properties for the Learning Record Store.

If the **Mark as Informal Activity** checkbox is available, then the contributer can select the checkbox while contributing a resource. If selected, then Saba Cloud displays the **Mark Complete** link for that resource allowing authorized users to record the resource contribution to Saba LRS.

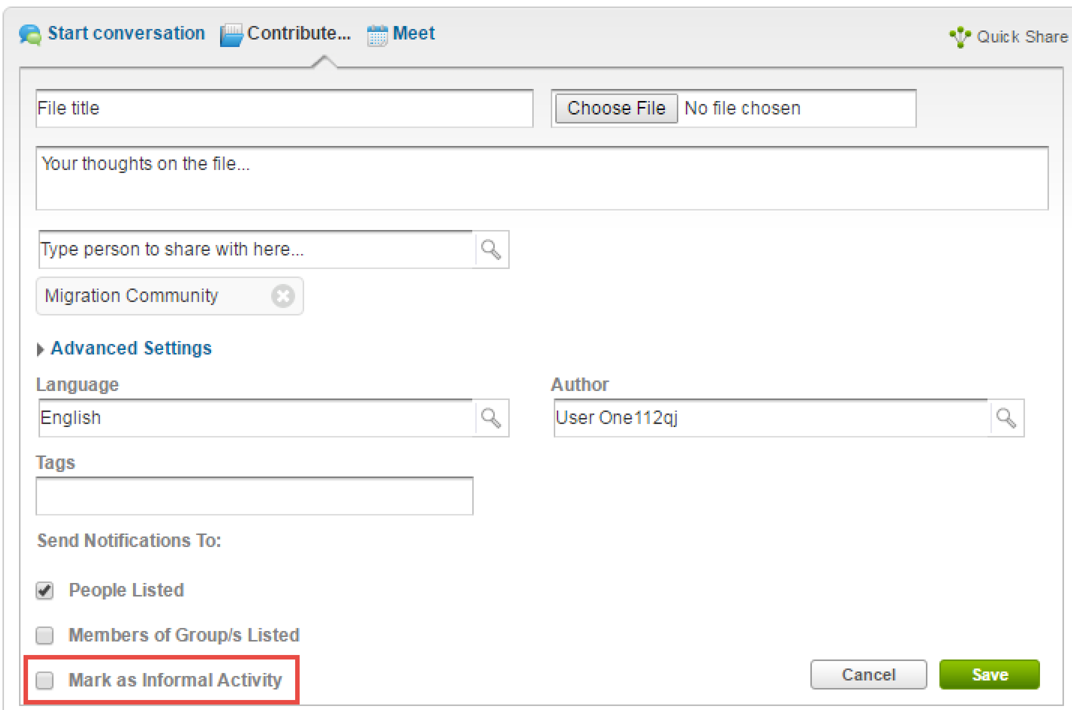


Figure 102: Mark as Informal Activity checkbox

By default, the **Mark Complete** link is displayed while the **Mark as Informal Activity** checkbox is hidden.

LRS Contributions in Activity Stream

The contributions captured in the LRS are displayed in the user's **Activity Stream** under **Me** > **Activity** > **Learning Activity**. The statement format is as follows:

<User Name> <Verb mentioned in LRS Registry> `link` *<URL Name mentioned in LRS Registry>*

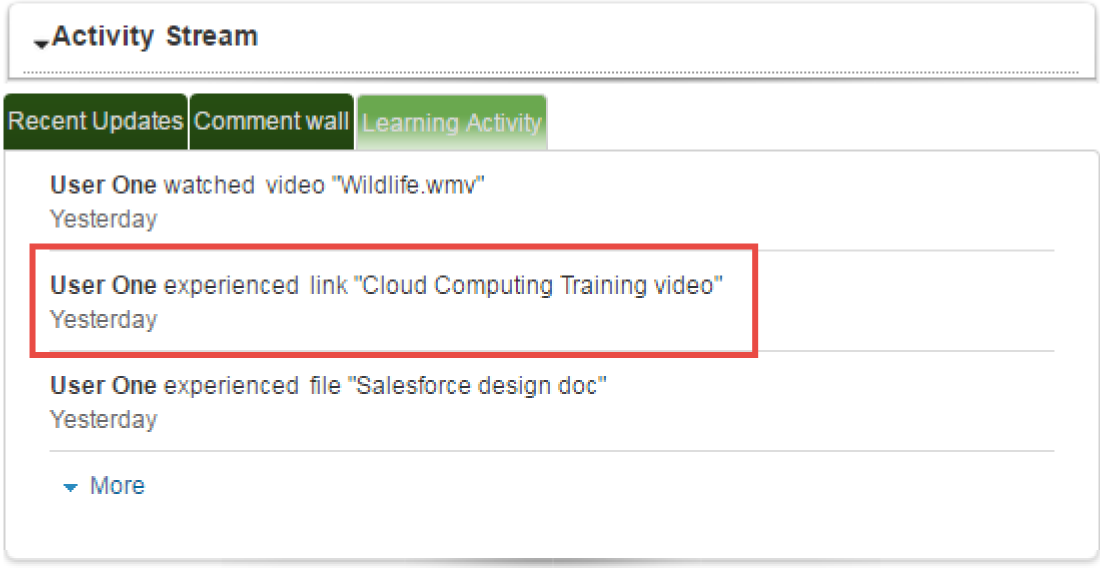


Figure 103: Formal activities in Learning Activity stream

If the **Social LRS** service is disabled, then the **Mark Complete** button is not displayed for new and existing resources. However, the **Learning Activity** stream continues to show existing feeds.

Note: The Learning Activity feeds do not support locales. For non-English locales, all feeds appear in English only.

Use case

There is a need to maintain a Learning Record Store for tracking informal learning activities of users in Saba Cloud.

Chapter 5

Marketplace

Topics:

Courses retired in lynda.com should not appear in Saba

How did it work?

Prior to this release, content that were expired or removed from lynda.com catalog were not removed from Saba Marketplace. When users selected one of these courses, they were facing errors with no specific details.

How does it work now?

Starting from this release, content that are retired in lynda.com catalog will be marked as **Expired** in Saba Cloud. Access to course created won't be discontinued but any learner who tries to launch content will see an error message.

When Saba performs a sync/bulk import operation with lynda.com, all content offered by lynda.com becomes available for Saba users. If a subsequent sync operation only shows some of the content and not all imports from the original list, content that are not available on the second sync are marked as **expired** by Saba.

Administrators can verify that the content details section under **Manage Content** show the **expired date** that is set by Saba. (this date is based on the server date and not the sync date).

By marking the content as expired, any confusion regarding the availability of content is eliminated and students will be in a position to choose alternate courses from an active list.

If a user has already been assigned to a course based on that content and tries to access it, the following error message will show:

Error occurred, Content is no longer available. You can close the player safely.

Use case

When users who are eager to enroll in a course, cannot find it but faces errors, it creates confusion. By providing meaningful error message and by giving them the details, helps them to plan for alternative options.

Saba Approver can see application details before approval

How did it work?

Prior to this release, when adding and integrating applications into Saba Marketplace, Saba Approvers could not see the details of the application that they are trying to approve for integration.

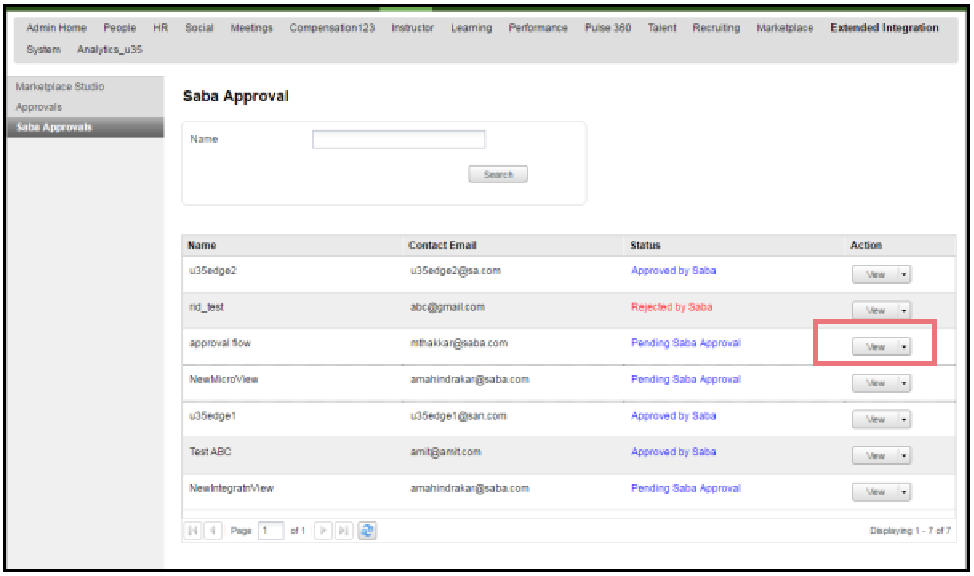
How does it work now?

In this release, a new interface provides the approvers the capability to launch and view the details of the application that they are considering to approve to integrate with Saba Cloud.

To view application details:

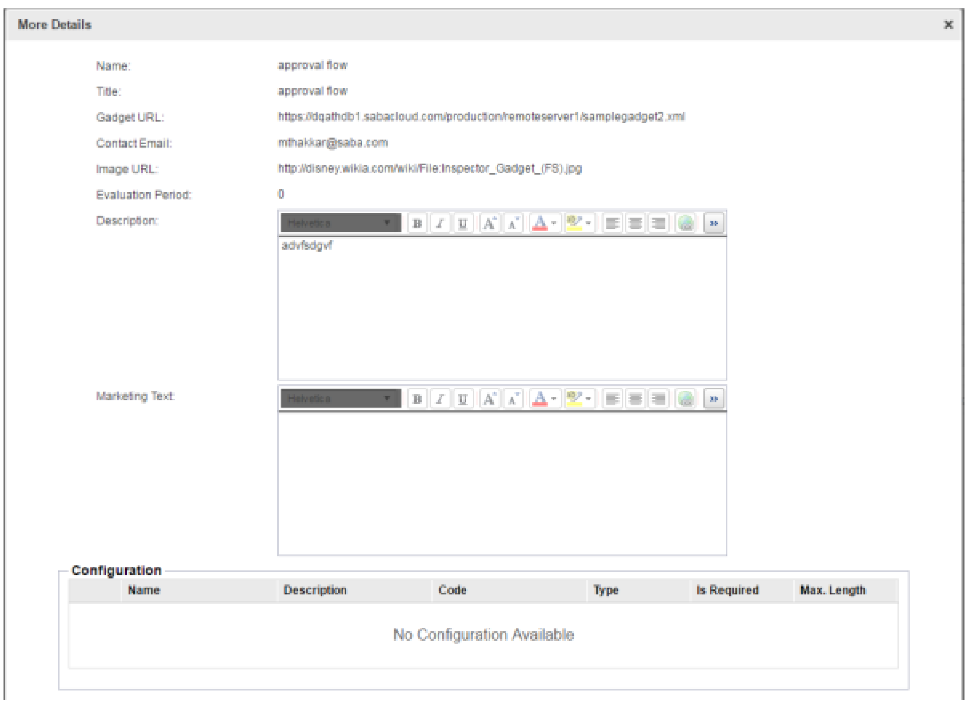
1. From Admin menu, click **Extended Integration**.
2. From the Navigation pane on the side, click on **Saba Approvals**. Applications are listed by Name, contact Email, Status and Action columns.
3. Select **View** from the **Actions** column.

Figure 104: Saba Approval screen



A pop-up screen opens and displays the details of the application in **read only** mode. Saba Approver can view the details before making a decision to Approve or Reject the integration of that application; however, they cannot edit the content in the fields.

Figure 105: Application details in non-editable mode



Use case

Saba Approvers now have more control over the application content they allow to integrate with Saba Cloud.

Audit option is available for marketplace configuration changes

How did it work?

Prior to this release, there were no provisions for capturing configuration changes in Marketplace for published vendors.

How does it work now?

In this release, this has been addressed. **Audit Details** option is added to th configuration screen. After the initial configuration, changes to all fields are audited except the following:

All vendors:

- Agree to Terms and Conditions field will not be audited.
- Password fields will be audited, but their values will not be visible.

Workday:

Currently, Import and export configurations and mappings are not audited.

To access and view the audit details of the configuration changes for a published vendor:

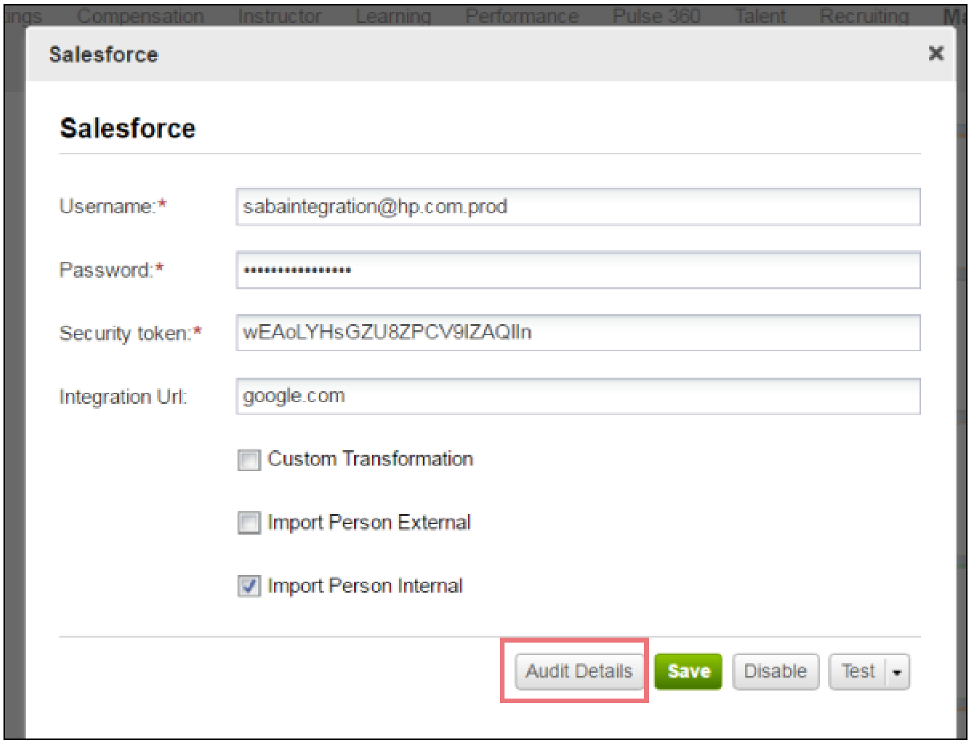
Navigate to:

Saba Cloud>**Admin**>**Marketplace**

From the displayed list of configured vendors, select the vendor name to view audit records of the configuration changes.

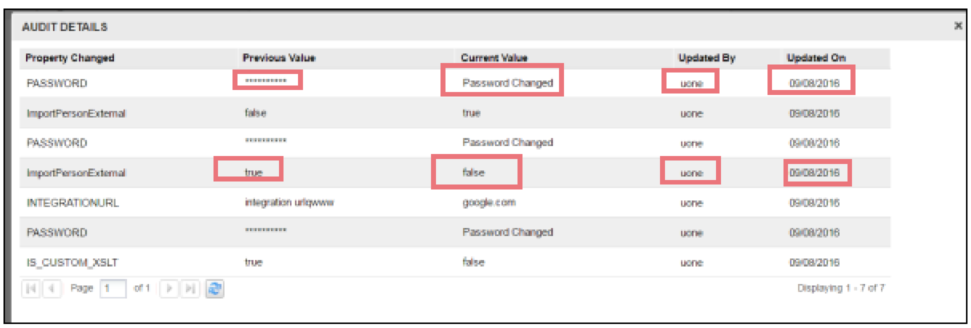
The configuration details screen launches.

Figure 106: Configuration screen for Marketplace vendor



Click on **Audit Details** to view the details of the configuration changes.

Figure 107: Audit Details of the changes



AUDIT DETAILS

Property Changed	Previous Value	Current Value	Updated By	Updated On
PASSWORD	**********	Password Changed	uone	09/08/2016
ImportPersonExternal	false	true	uone	09/08/2016
PASSWORD	**********	Password Changed	uone	09/08/2016
ImportPersonExternal	true	false	uone	09/08/2016
INTEGRATIONURL	integration urlqwww	google.com	uone	09/08/2016
PASSWORD	**********	Password Changed	uone	09/08/2016
IS_CUSTOM_XSLT	true	false	uone	09/08/2016

Page 1 of 1 Displaying 1 - 7 of 7

In the example shown for the password change, the value is not displayed but the **Updated By** field and the date on which it was changed are provided.

For the **ImportPersonExternal** field, the **Previous Value**, **Current Value**, **Changed by** and **Updated On** field all provide the details of the change.

Use case

Addition of the **Audit Details** option to Marketplace vendor configuration section provides the capability to track and analyze changes made to the settings.

Partner admin can choose which view the microapp should be available in Saba home page/profile page

How did it work?

Currently Microapps created by a partner admin can be published to home page view and profile page view. The admin cannot choose where they want the application to be available.

How does it work now?

The enhancement in this release enables the partner admin to indicate where they want the microapp to be available.

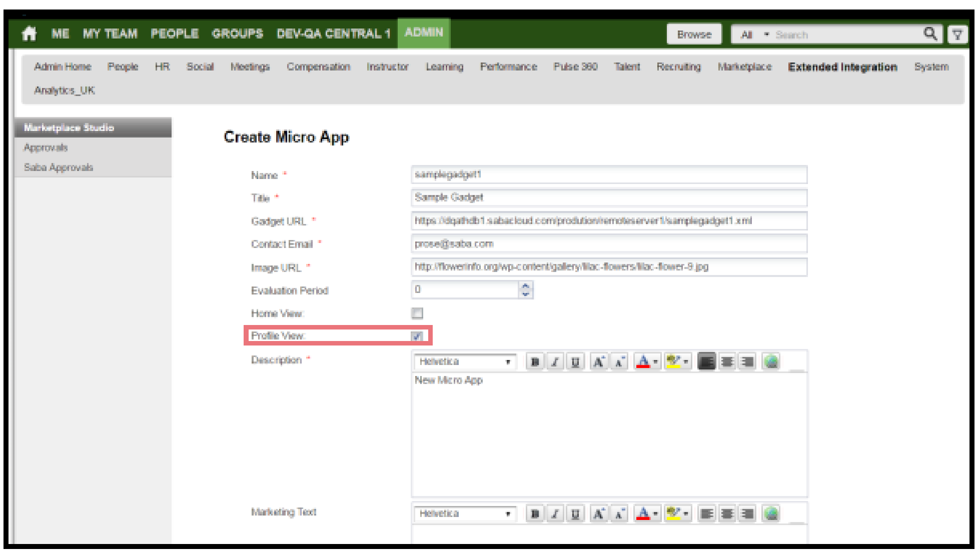
When creating the microapp, the admin can choose either the **Home View** option or the **Profile View** option or both and based on these selections, the microapp will show on the Home page, Profile page or both pages of the user.

To create a new Micro App:

Navigate to:

1. **Admin**>**Extended Integration**>**Marketplace Studio**>**Integration**
2. Click on **New Micro App** link.
3. In the **Create Micro App** screen enter the details for all required fields and select either the **Home View** or the **Profile View**.
4. Click on **Save**.

Figure 108: Create Microapp screen



Since you selected the **Profile View** option, the microapp will be available on the **Profile page** of the User. If, at a later time you want to include Home View also, you can click the **Edit** button on the corresponding MicroApp listing from the Integration page and select both options.

Use case

Partners now have better control over the microapps they create and can make appropriate microapps available in appropriate views.

Partners can publish Micro Apps to specific tenants

How did it work?

Currently when a Micro App is published, it gets published to all tenants in Saba Cloud. This limits the ability of the partners to publish it to a select few. Some applications may be applicable only for a particular vertical or a region.

How does it work now?

The enhancement in this release enables the Partner Administrator to indicate which tenant they want the Micro App or an Integration to be available to. Some applications may be applicable only for a particular vertical or a region. Partner Administrators can publish their applications and Integrations across Data Centers.

When creating the Micro App, the administrator can select a region **North America** or **EMEA**, **APAC** etc and based on these selections, the Micro App will be accessible by tenants from those regions only.

To select the tenant to give access to the Micro App:

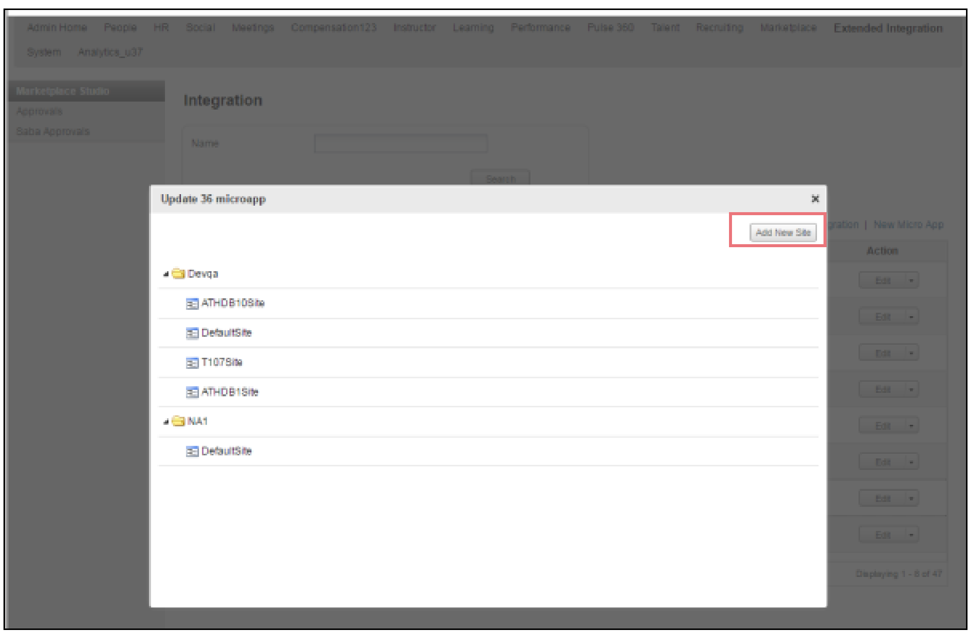
Navigate to:

1. **Admin**>**Extended Integration**>**Marketplace Studio**
2. Select the **Micro App** and click **Publish**

   A pop up screen launches that lists the sites where the Micro App is enabled.

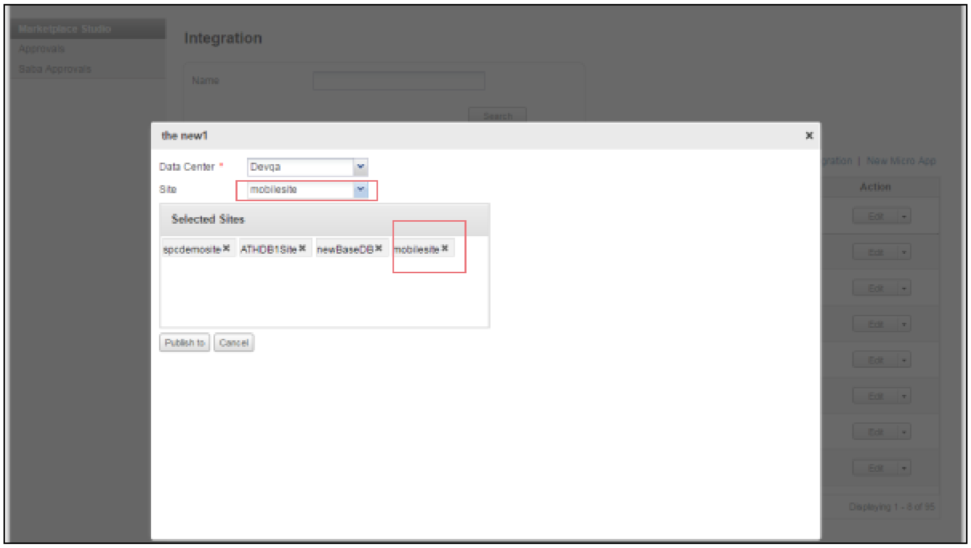
   Select the site to publish the Micro App.

Figure 109: Pending Approval for Evaluation



1. Click **Add new Site** to enter a new site to the list.
2. Click **Publish to**.

Figure 110: Add New Site to publish the Micro App



You will see the message that it was published Successfully and the new site will be added to the Data center.

Use case

Partners now have better control over the Micro Apps and Integrations they create and can choose and publish them across Data Centers and to only specific tenants and groups.

Enhancement to the Partner Approval Flow

How did it work?

In the past, partners were not able to control the evaluation flow for Micro Apps and Integrations that they created.

How does it work now?

When a Saba Partner receives a request for evaluating a Micro App, the status on the Micro App shows **Pending Approval (Evaluation)**. Once the partner approves the request and the user starts using the application, the status will be moved to **Configured in Evaluation** status.

On evaluation, when an agreement is established between the Partner and the user, the status for the Micro App is moved to **Approved** state.

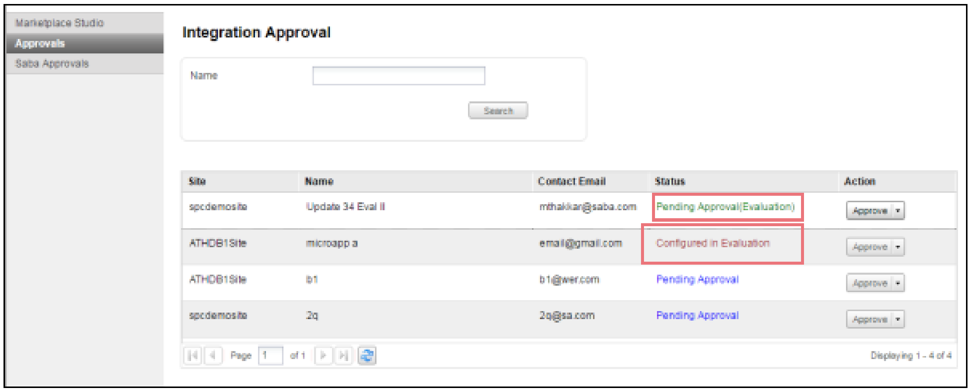
The **Evaluate this App** option will no longer display once the **Evaluate** check box is selected.

Partner Approval

To view **Micro Apps** that are in **Pending Approval** and to **Approve** or **Reject Micro Apps**:

1. Navigate to: **Admin**>**Extended Integration**>**Marketplace Studio**>**Integration**
2. Click **Approval** (Partner Approval)
3. A list of **Micro Apps** with different statuses display.
4. From **Actions** click on **Approve** for the **Pending Approval (Evaluation)**. The status is moved to **Configured in Evaluation**.
5. Choose **Reject** if you do not approve the request.

Figure 111: Pending Approval for Evaluation



Use case

Partners will now have a better control over the evaluation process and can choose to approve requests that are only relevant and applicable for a specific application or integration.

API dashboard available for Micro Apps created in Extended Integration

How did it work?

N/A

How does it work now?

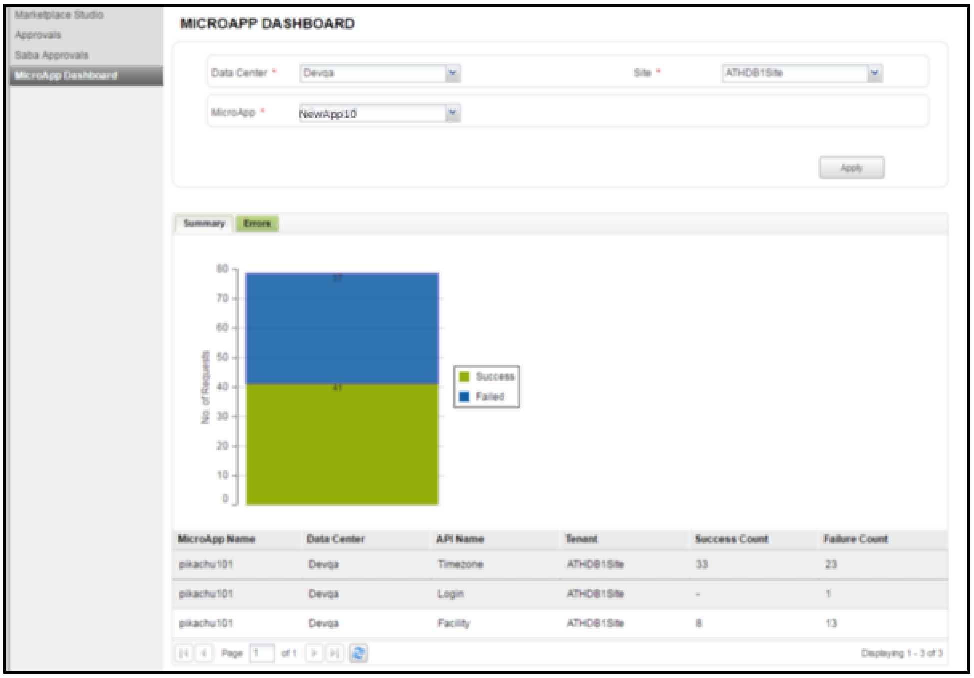
A new API dashboard is available for Partners and Saba Approvers to view and monitor user activity for the Micro Apps. The dashboard provides access to API data for each Micro App.

Micro App API dashboard

To access the **Micro Apps** API dashboard:

1. Navigate to: **Admin**>**Extended Integration**>**MicroApp Dashboard**>
2. The dashboard screen launches.
3. Select the **Data center** name, **Site** name and the **MicroApp** name
4. Click **Apply**.

Figure 112: MicroApp Dashboard Showing API activity



A summary tab displays the Summary data and the API chart. All successful activities are marked in Green and all Failed activities are marked in Blue.

Below the chart, a table displays the following: MicroApp name, Data center name, API name, tenant name, Success Count, and Failure Count.

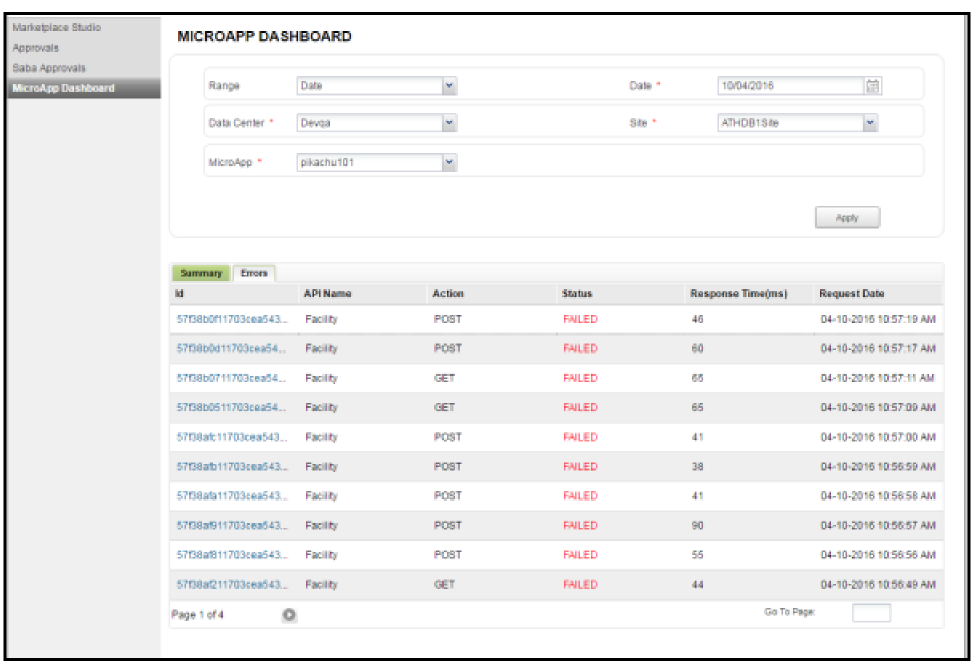
Error tab details

The Error tab provides the following data:

ID, API Name, Action (Get, Post) Status (failed, passed) Response time and the Request date.

Click on the **Id** link to launch the details of the API and the error data.

Figure 113: Dashboard with Error Tab



Use case

Saba Partners and Approvers can now view the Micro App API usage information with summary, chart and error logs.

Chapter 6

Performance

Topics:

- Add locale to Additional Info section of review form
- Assign skill through PR without any goal
- Anniversary reviews update
- Edit or delete goal progress comments
- Export and import review cycle
- Filter skills by skill group
- Limit access to reviews for new managers
- New policy for review owners to release review
- New question in Company category for Pulse 360

Add locale to Additional Info section of review form

How did it work?

The performance administrator could only add questions in English in the **Additional Info** section of the review form in the review cycle.

How does it work now?

The performance administrator can now add questions in the required locales in the **Additional Info** section of the review form.

To add questions in required locale:

1. Go to the required review form.
2. Create an **Additional Info** review section type.
3. First add questions in English locale and save the form.
4. Click the section name and then view the **Internationalize** icon on the **New Question** page.

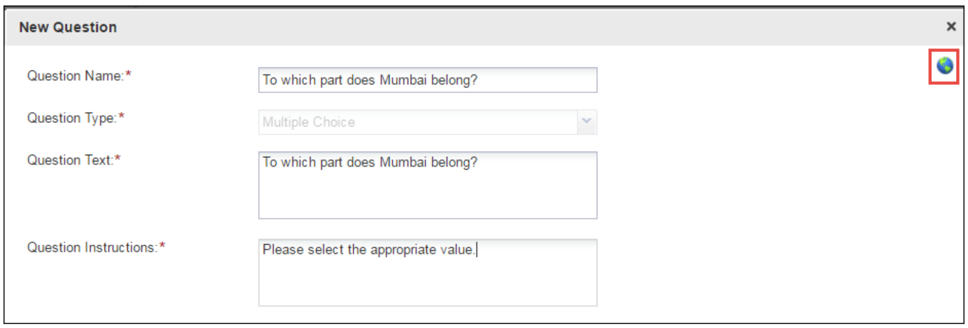


Figure 114: Internationalize icon

5. Click the **Internationalize** icon.
6. Select a new locale, update the question details in the selected locale, and click **Save**. The question will be updated in the selected locale.

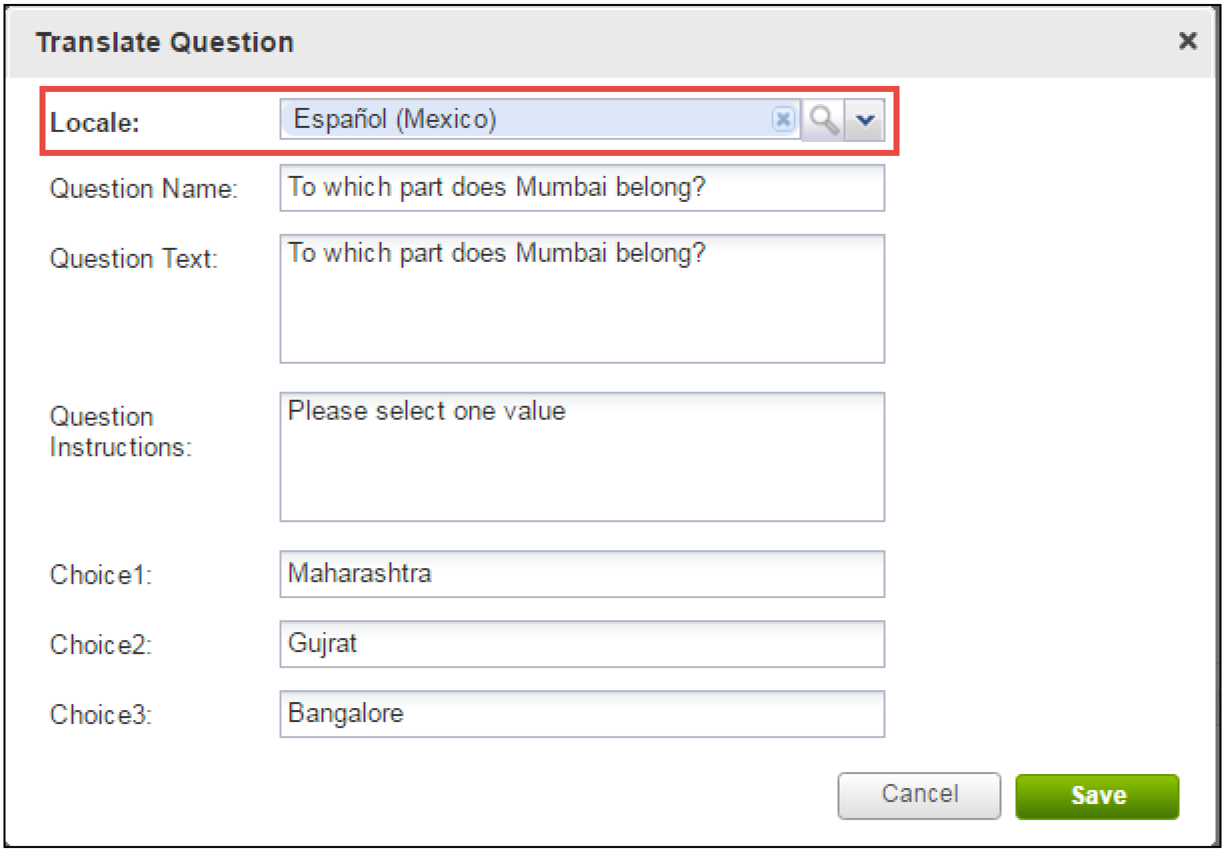


Figure 115: Translate questions in selected locale

Use case

The missing localisation support has now been added for Additional Info section specifically Multi-Choice Questions.

Assign skill through PR without any goal

How did it work?

A goal is automatically created and added to user's plan while pushing skills through prescriptive rule (PR).

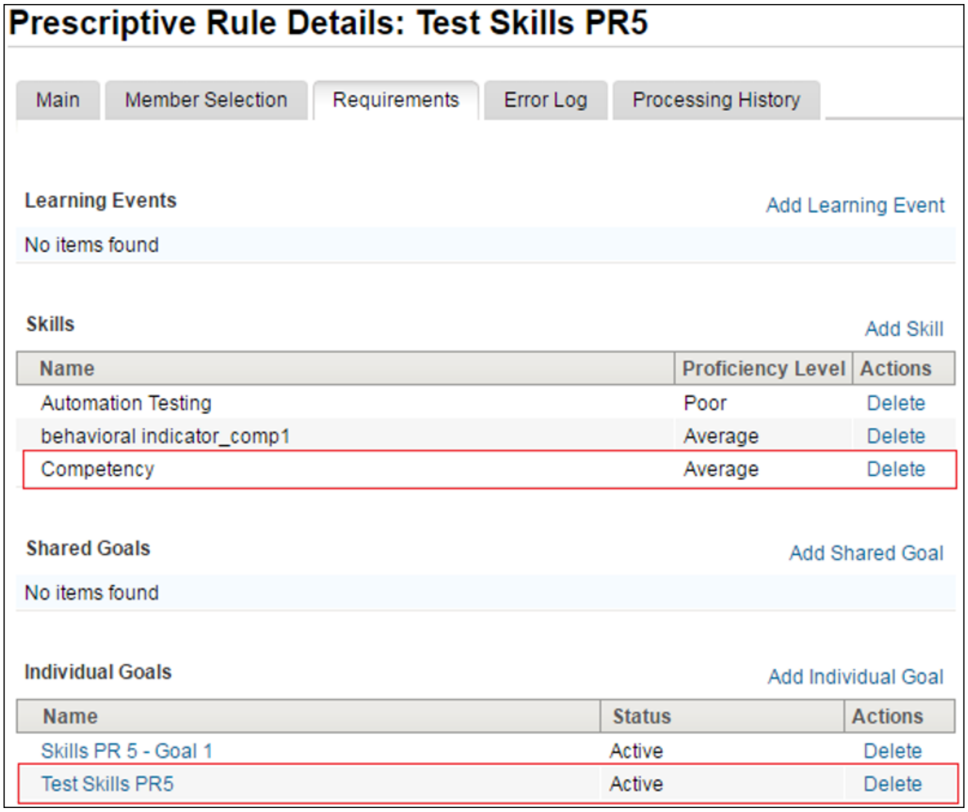


Figure 116: Skill and goal assigned via PR

Once the PR is processed, the goal & skill is pushed to the user's plan with a source as PR.

When the administrator tries to remove the skill or respective goal from the PR, then the PR removes ONLY the respective goal from the user's plan. The skill is not removed.

How does it work now?

From this update, when a skill is processed through PR, the goal will not be created automatically and only skill will get pushed to the user's plan. The skill details will show the PR name in the source. When the administrator removes newly added skill from the PR, the PR process will remove the skills from user's plan.

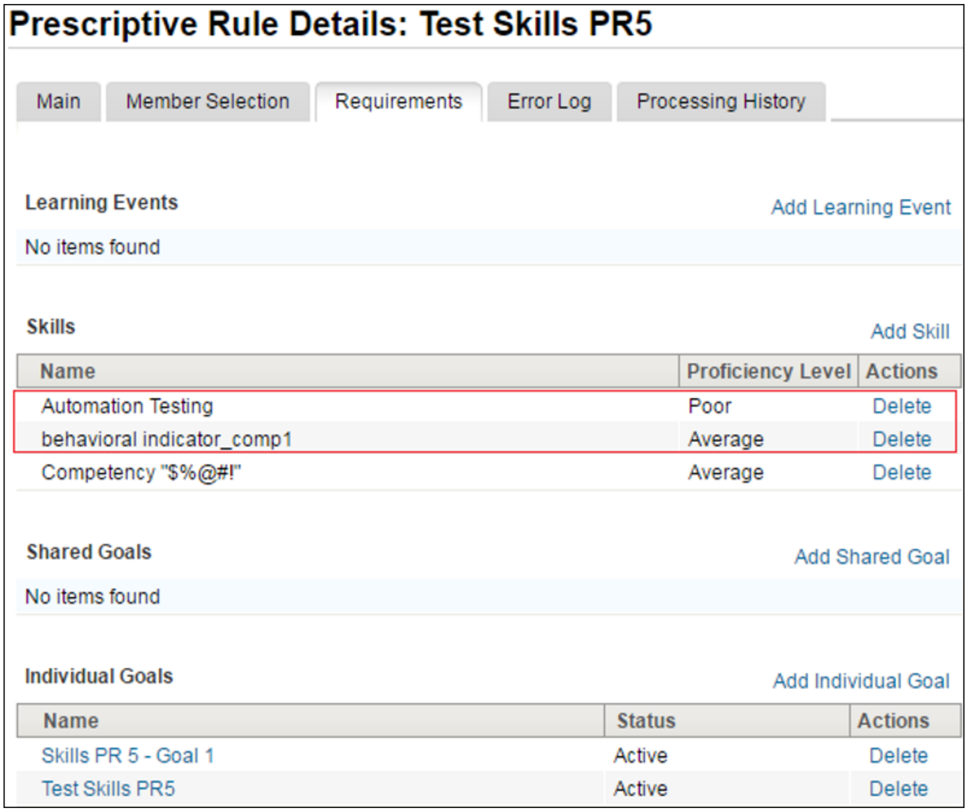


Figure 117: Updated PR behavior

If the administrator has changed the skill's proficiency level after processing the PR, then the administrator must remove the newly added skill and before processing the PR, add the same skill again to the PR with a different proficiency level. Once the PR is processed, the updated proficiency level will be pushed to the user's plan.

Use case

The goals will not be assigned to the user while pushing skills through PR.

Anniversary reviews update

How did it work?

The anniversary reviews are triggered after the x number of days from user's joining date or job starting date. These details are mentioned in the review cycle. For example, if Jane joins the company on 5th April, 2016 and in review cycle the review trigger time is 365 and the trigger is based on Joining Date, then she'll receive the review on 5th April, 2017. After joining, if Jane starts her job on 10th April, 2016 and in review cycle the review trigger time is 365 and the trigger is based on Job Starting Date, then she'll receive the review on 10th April, 2017. Once the review is pushed, then the review is not triggered for the subsequent year.

How does it work now?

From this update, multiple anniversary reviews will be created for the same user until the user's job change or termination. Once the anniversary review is triggered, the next review will be triggered based on the timeframe mentioned in the anniversary review cycle and it will be pushed to only those who fulfill the criteria. If the prescriptive rule criteria is changed in future, then the person matching with the old criteria is not processed even if the anniversary review was pushed to the learner. Thus, after x number of days only those users who matches with the current criteria for the review, will be processed.

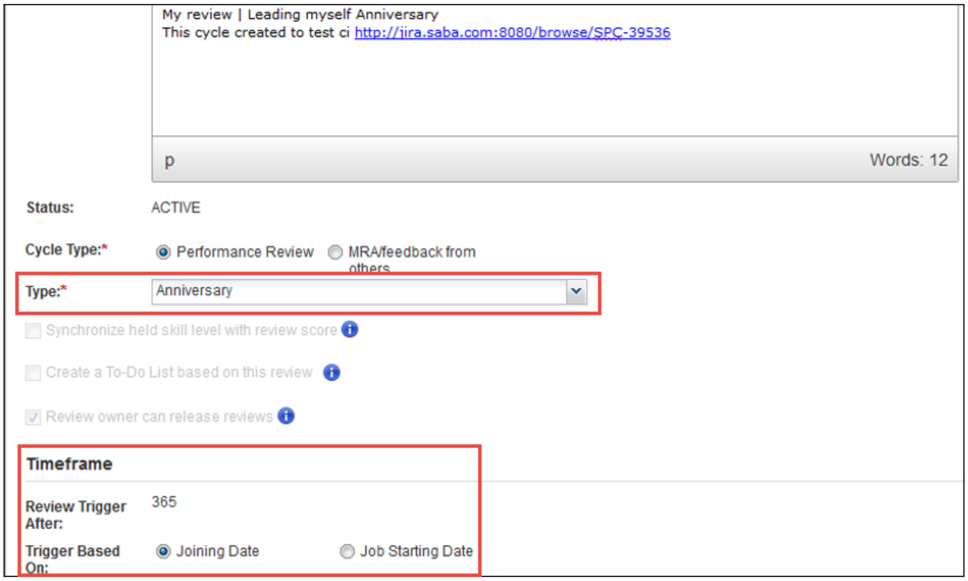
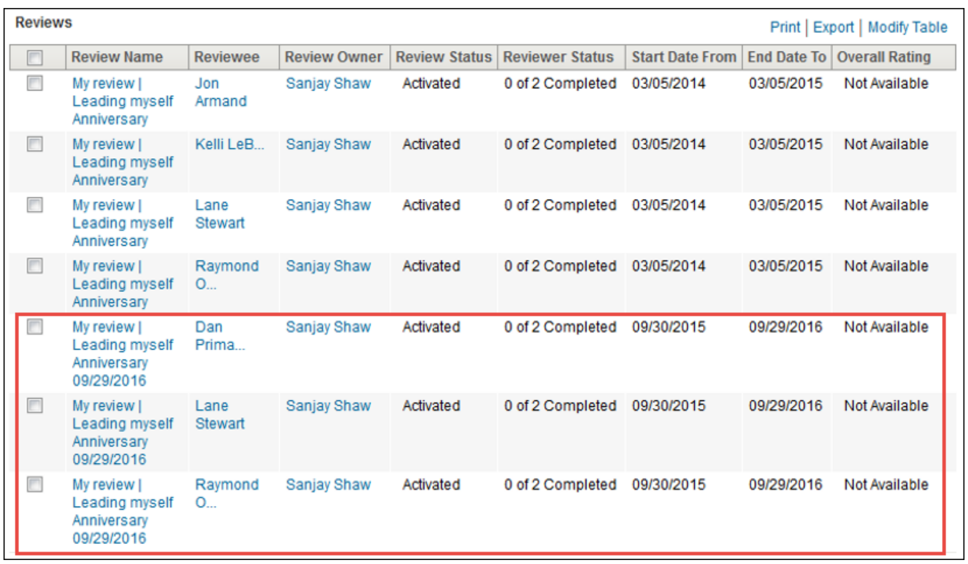


Figure 118: Anniversary review cycle

Note: The review's created on date is appended to the anniversary reviews to differentiate them from other reviews.


Reviews

Print | Export | Modify Table

	Review Name	Reviewee	Review Owner	Review Status	Reviewer Status	Start Date From	End Date To	Overall Rating
	My review | Leading myself Anniversary	Jon Armand	Sanjay Shaw	Activated	0 of 2 Completed	03/05/2014	03/05/2015	Not Available
	My review | Leading myself Anniversary	Kelli LeB...	Sanjay Shaw	Activated	0 of 2 Completed	03/05/2014	03/05/2015	Not Available
	My review | Leading myself Anniversary	Lane Stewart	Sanjay Shaw	Activated	0 of 2 Completed	03/05/2014	03/05/2015	Not Available
	My review | Leading myself Anniversary	Raymond O...	Sanjay Shaw	Activated	0 of 2 Completed	03/05/2014	03/05/2015	Not Available
	My review | Leading myself Anniversary 09/29/2016	Dan Prima...	Sanjay Shaw	Activated	0 of 2 Completed	09/30/2015	09/29/2016	Not Available
	My review | Leading myself Anniversary 09/29/2016	Lane Stewart	Sanjay Shaw	Activated	0 of 2 Completed	09/30/2015	09/29/2016	Not Available
	My review | Leading myself Anniversary 09/29/2016	Raymond O...	Sanjay Shaw	Activated	0 of 2 Completed	09/30/2015	09/29/2016	Not Available

Figure 119: Anniversary reviews

If the previous anniversary review is still active for an employee, then it will remain active, but an anniversary review for the current year will be created. Manager has the provision to cancel the old review. If the review cycle is marked as complete or cancel, then the anniversary reviews will not be created for that cycle.

If the system admin is trying to override the overall score through data import, then it will not override the score for anniversary reviews as its not supported. The system admin will be able to create historic reviews for anniversary review cycle using the Review Score object name in data import. Such reviews will be named as ReviewCycleName_date where date is the review creation date.

Use case

Performance administrator can now create a single anniversary cycle and it will continue to create reviews until the cycle is either cancelled or closed.

Edit or delete goal progress comments

How did it work?

A user associated with a goal can add comments and change the progress of the goal, but there was no provision to edit or delete any comments, once given.

How does it work now?

The people administrator and end user can now edit or delete their comments on the goal provided the following new privileges are enabled. The privileges have been introduced in the **Shared Goal** component:

- Can Edit Self Comments - By default, this privilege is enabled. When enabled, the user can edit their own comments on the goal. An edit icon appears next to the self comments.
- Can Delete Self Comments - By default, this privilege is enabled. When enabled, the user can delete their own comments on the goal. A delete icon appears next to the self comments.
- Can Edit All Comments - By default, this privilege is enabled for Performance admin only. When enabled, the user can edit all the comments on the goal. An edit icon appears next to all the comments.
- Can Delete All Comments - By default, this privilege is enabled for Performance admin only. When enabled, the user can delete all the comments on the goal. A delete icon appears next to all the comments.

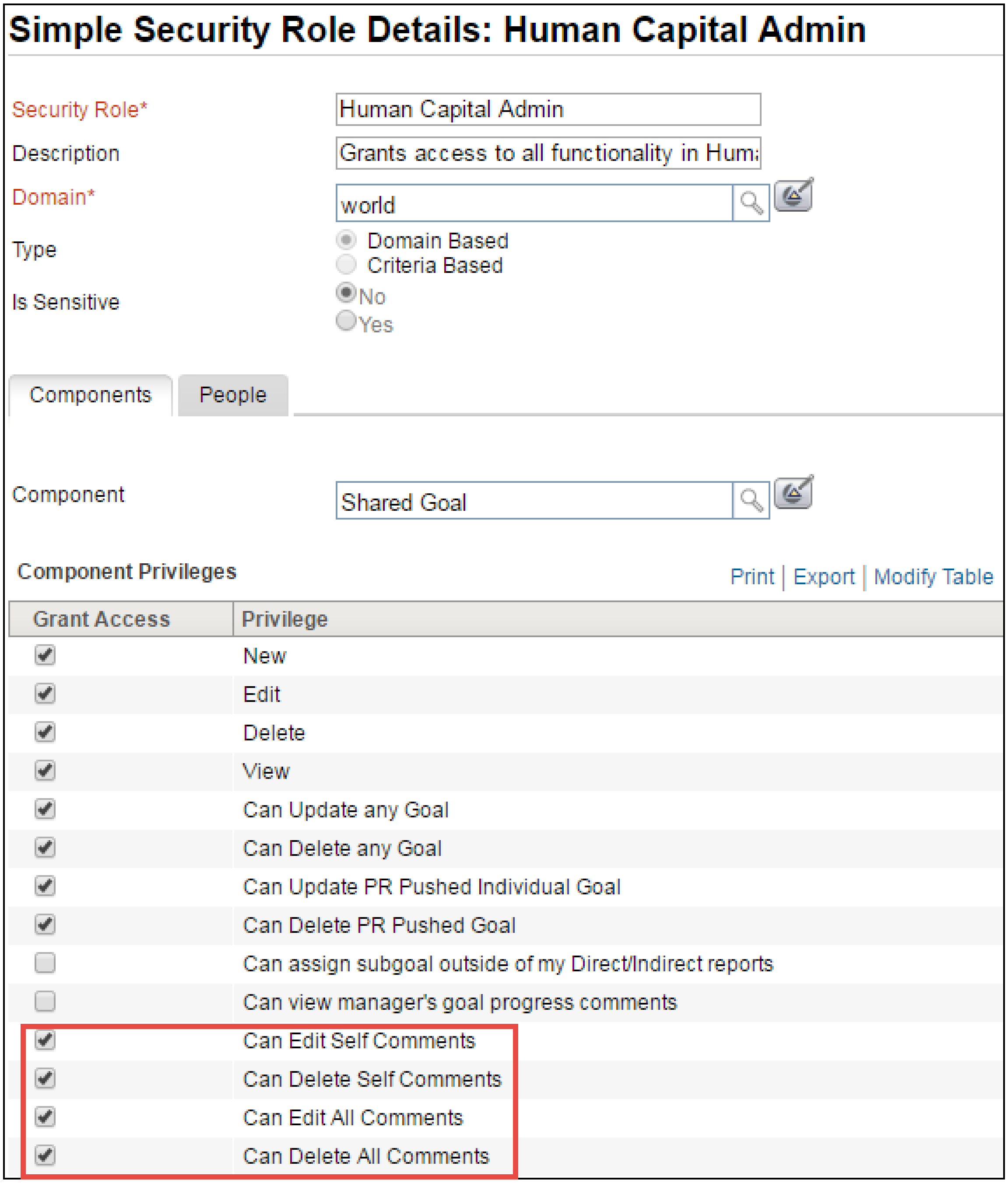


Figure 120: New privileges in Shared goal

The user will not be able to take any actions on the first comment of the goal. The user can edit and delete only his/her comments. Once the goal is completed, if the user tries to reactivate the goal and delete the last comment (about goal reactivation), then the goal moves to its previous state.

Note: The progress of the goal is dependent on the goal's last comment.

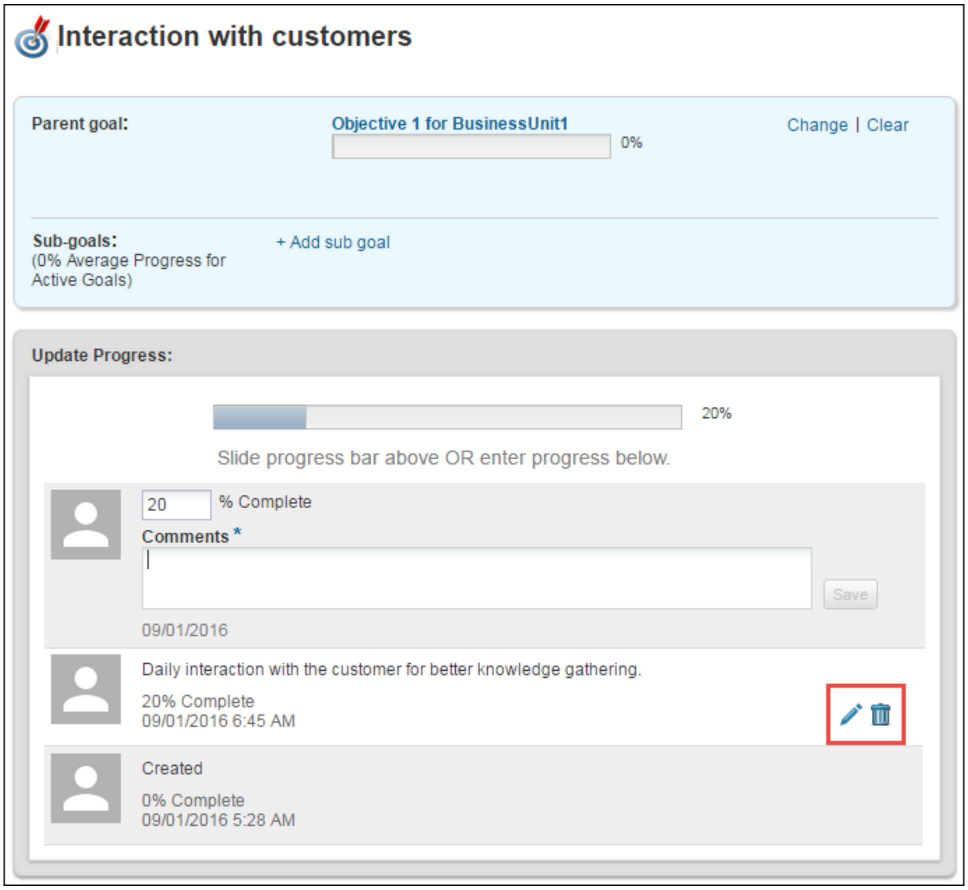


Figure 121: Edit or delete goal

The goal progress comments being entered, edited, or deleted are being captured in the audit trail on the Goal progress details page. This supports only silent auditing.

Audit Trail

Print | Export | Modify Table

Action	Timestamp	Previous Value	New Value	Author	Reason
Delete Progress Comment	09.09.2016 7:34:10 AM	0% : Deactivated vccdsds	-	Pat Rose	Silent auditing
Edit Progress Comment	09.09.2016 7:34:03 AM	0% : Reactivated	0% : Reactivated edited by prose	Pat Rose	Silent auditing
Insert progress comment	09.09.2016 7:33:47 AM	-	0% : added by prose	Pat Rose	Silent auditing
Delete Progress Comment	09.09.2016 7:31:28 AM	0% : oklll	-	yg1 yg1	Silent auditing
Insert progress comment	09.09.2016 7:31:10 AM	-	0% : oklll	yg1 yg1	Silent auditing
Edit Progress Comment	09.09.2016 7:30:42 AM	0% : Deactivated	0% : Deactivated vccdsds	yg1 yg1	Silent auditing
Update : Approval Status	02.02.2016 11:42:16 AM	Pending Approval	Approved	mgr001 mgr001	audit with reason
Update : Exclude From Review	02.02.2016 11:42:16 AM	false	true	mgr001 mgr001	Silent auditing

Figure 122: Goal Audit Trail

Use case

This feature now enables manager and employee to edit or delete their own comments as well as any comments if they have the correct permissions.

Export and import review cycle

How did it work?

For a review cycle, a copy feature exists that creates an exactly same review cycle using the existing review cycle. It copies the cycle on the same environment, hence there was a need to have a provision to copy the review cycle from one environment to another.

How does it work now?

In this update, export and import functionality has been introduced for review cycle where the performance administrator can export the required review cycle and import the same on another environment. The export functionality will capture all the details associated with the review cycle including forms and audiences in an XML file. Administrator can export the review cycles at any state.

To export and import review cycle:

1. Navigate to **Performance** > **Manage Reviews** > **Review Cycles**.

2. Search for an review cycle which needs to be exported.
3. Click **Export Cycle** under **Actions** column corresponding to the review cycle. The XML file is downloaded. The file will be named as review cycle and export date timestamp.

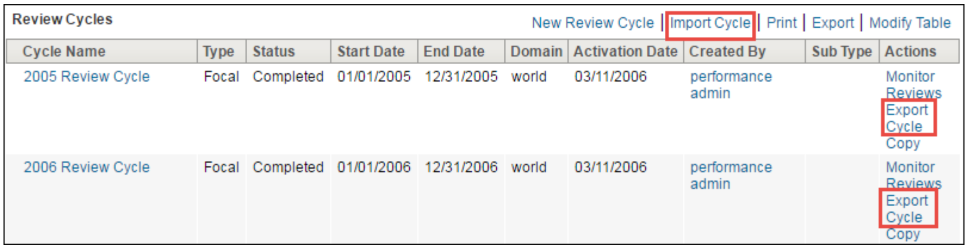


Figure 123: Export and Import review cycle

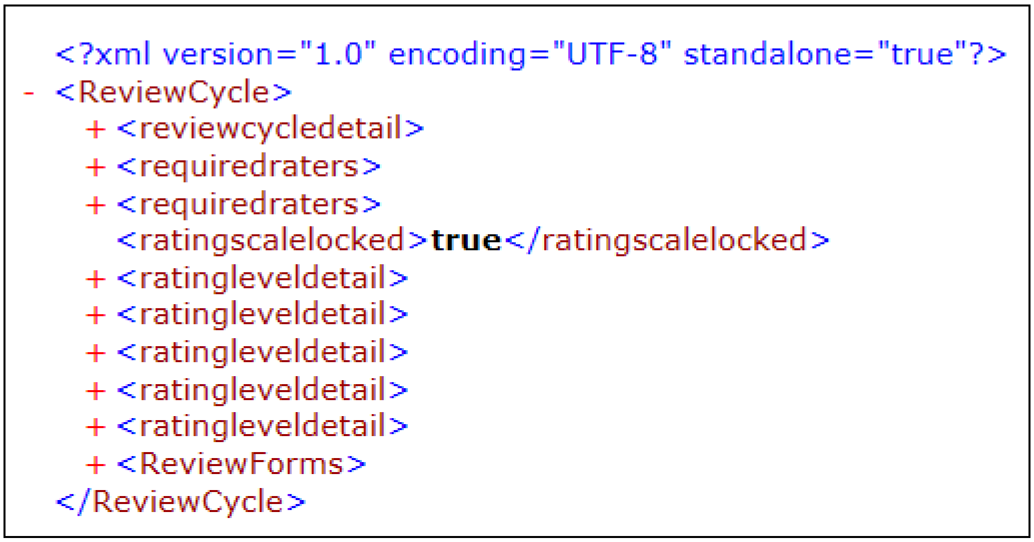


Figure 124: Exported review cycle XML file content

4. Go to the environment where you want to import the review cycle.
5. Log into the application and perform step 1.
6. Click **Import Cycle**.

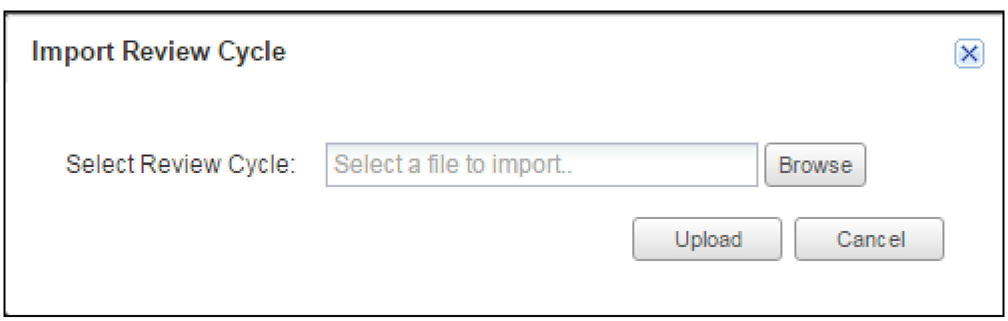


Figure 125: Import review cycle

7. Click **Browse** to locate the exported file.
8. Click **Upload**. The review cycle is imported. If the import is successful or failed, the details will be added in the logs.

The following items are not available in the XML file:

- Internationalization of cycle, form, or a section name and instructions

- Internationalization of questions for a review cycle with an Additional Info review form
- Any search criteria set or saved for the forms
- Audiences set on the third step of cycle creation and on summary page

If any of the following objects do not exist in the target environment, then on successful import the object will be empty:

- To-Do List
- Goal categories
- Skills and skills groups
- Organization
- Adhoc approvers (specify individual) in an approval chain - If a specific individual added to an approval chain does not exist in the target environment, then that user will be skipped and the approval chain with remaining users will be imported with updated approval level.

If a review form with a same name already exists on the target environment, then it will be associated to the existing form or new form will be created. Once the review cycle is imported, the review cycle will be moved to Draft state. The administrator must activate the review cycle manually.

This feature is applicable for all review types.

Use case

The performance administrator can now utilize the export and import review cycle functionality to copy the review cycles from one environment to another like from sandbox to production environment. This will greatly improve implementation time and reduce potential re-key errors.

Filter skills by skill group

How did it work?

Prior to this update, the end users could filter the skills using **Type**, **Source**, **Filter by To-Do List** on the **My Plan** and **My Team** > *<Team Member>* > **Plan** page.

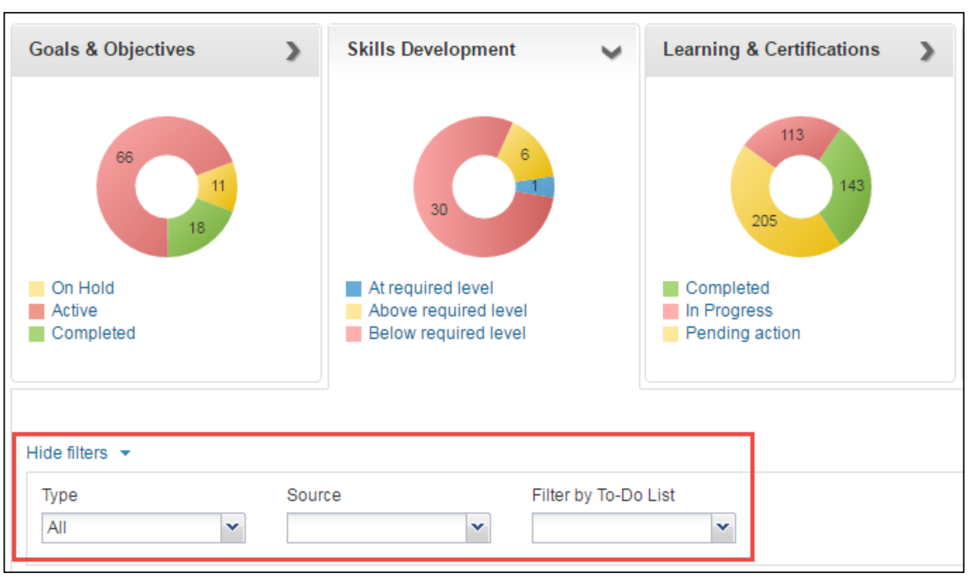


Figure 126: Filters on Skills Development tab

How does it work now?

A new filter **Skill Group** has been added to the **Skills Development** tab that allows the user to sort the skills based on the group name. The **Skill Group** filter displays all the skill groups that are available in the system irrespective of any skill belonging to the group, is assigned to the user or not. The user can select only one skill group at a time. If any skill group is not selected, then all the skills assigned to the user will be displayed in the search results.

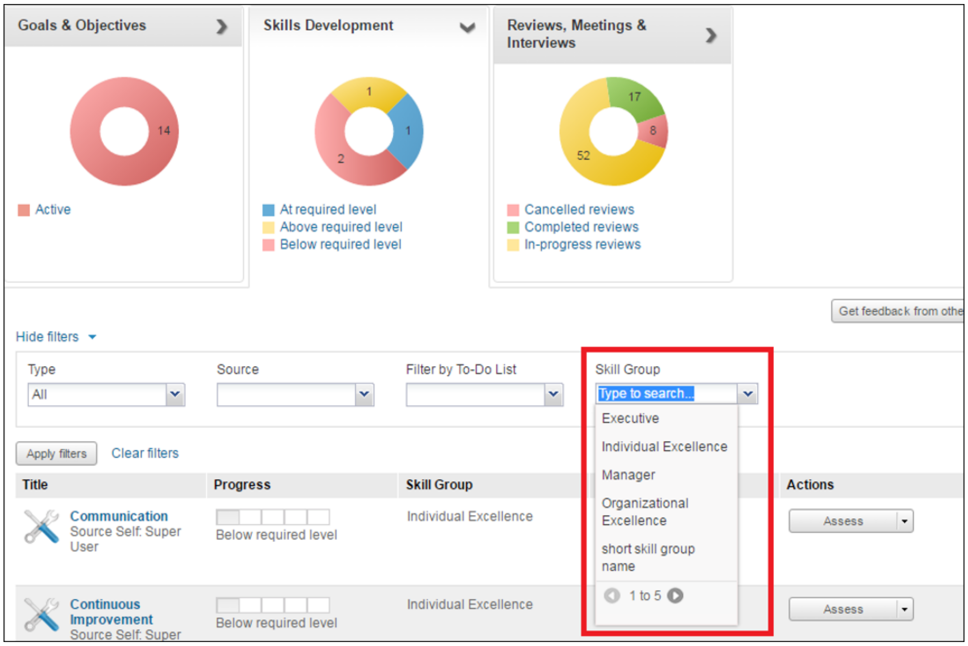


Figure 127: Skill Group filter for Skills on My Plan page

The same filter is also available when the manager accesses team member's plan.

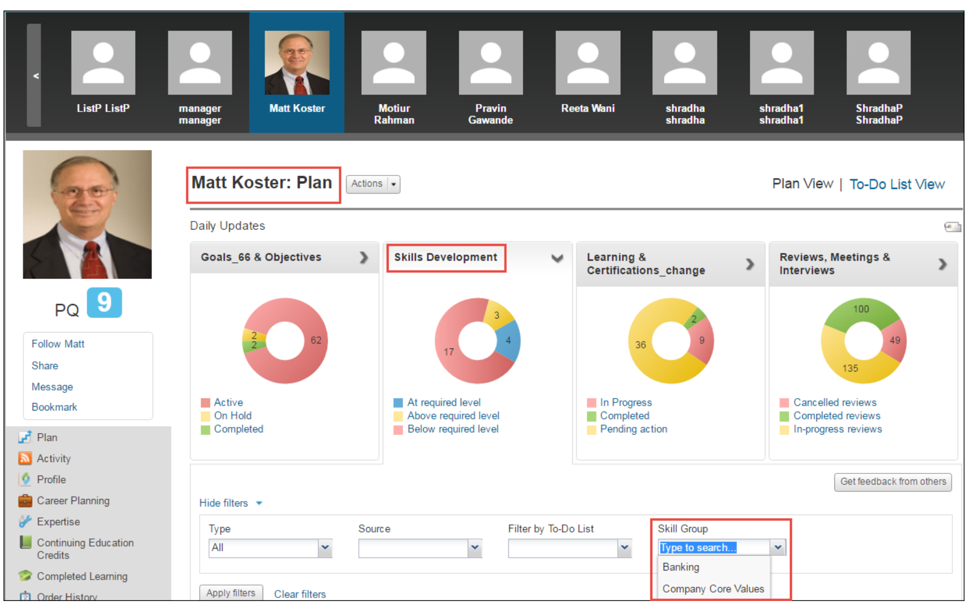


Figure 128: Skill Group filter for Skills on Team member's Plan page

Use case

Users will now be able to filter skills by groups under ME > My Plan.

Limit access to reviews for new managers

How did it work?

A current manager, who is a review owner can access employee's review by navigating to My Team > <team-member> > My plan and clicking the desired review. But, once the manager is changed, then that new manager can still access the employee's review who has the previous manager. There is a need to update the behavior since the old reviews need to be confidential between the old manager and the employee.

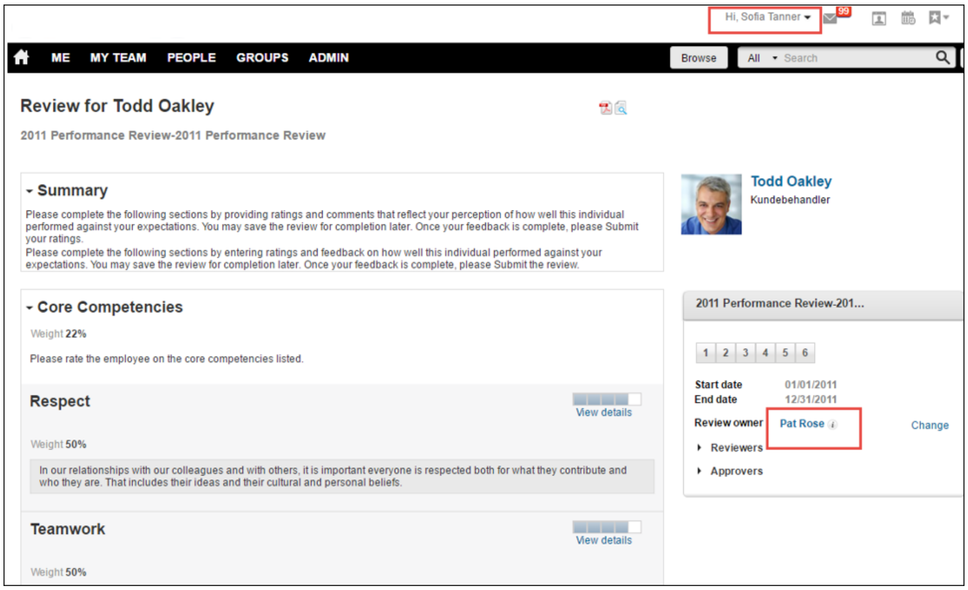


Figure 129: Old review access behavior

How does it work now?

The access to the reviews owned by the old managers is now governed by the following privileges introduced in the **Person, Internal** component for the **Internal Manager Basic Privileges** security role:

- **Reviews - Direct Managers and Indirect Managers Can View Sensitive Information** - Allows the new direct and indirect managers to view the sensitive information, such as ratings and comments in the reviews owned by the old managers. By default, this privilege is enabled. When this privilege is disabled, the new manager will not be able to view the team member's sensitive review information.
- **Reviews - Alternate Managers Can View Sensitive Information** - Allows the alternate managers to view the sensitive information, such as ratings and comments in the reviews owned by the old managers. By default, this privilege is enabled. When this privilege is disabled, the new alternate manager will not be able to view the team member's sensitive review information.

Note: If the above privileges are disabled, then the pie chart shows the count of review but the listing will not be shown due to the mismatch between the numbers shown on the pie chart and the listing.

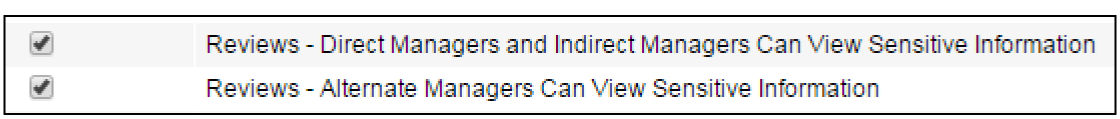


Figure 130: New privileges for reviews for managers

Use case

The new privileges added to restrict new managers from viewing past reviews where they were not the review owner. This supports EMEA Work Council regulations.

New policy for review owners to release review

How did it work?

Prior to this update, review owner could release review to the reviewee. In case the review owner is not available, performance administrator could release the review on behalf of the review owner. There was no provision to restrict the review owner from releasing the review.

How does it work now?

From this update, the performance administrator can choose whether the review owner can release the review or not. A new policy **Review owner can release reviews** is introduced in the **Review Cycle** > **Cycle Description** tab that decides whether the review owner can release the review or not.

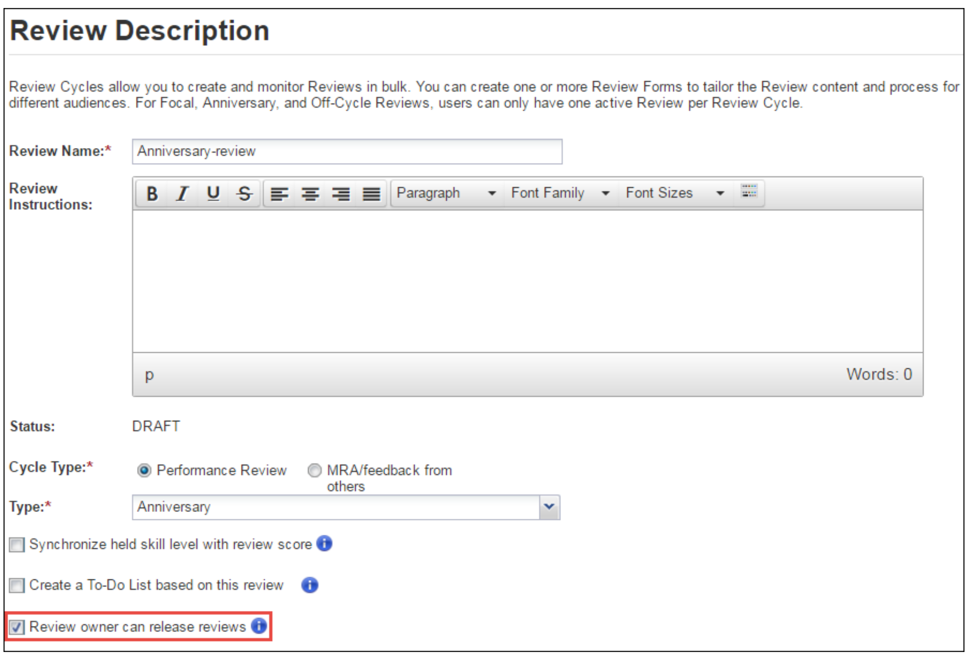


Figure 131: New policy on the review cycle

By default, this checkbox is enabled. If it is disabled, the **Release** option is not shown to the review owner on the approved reviews. Only performance administrator can release those reviews on behalf of the review owner.

Note: This policy is available only for anniversary, focal, and off cycle reviews.

On the My Plan page, when the reviewee hovers on the **Release the review** milestone, the tool tip indicates that the Performance admin will release the review.

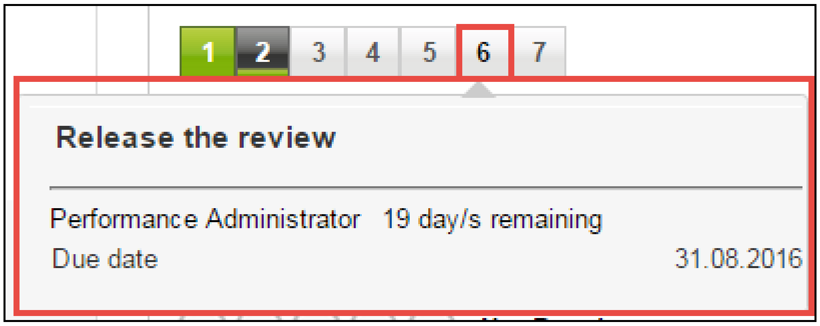


Figure 132: Tool tip on Release the review milestone

Use case

Performance administrator can now restrict managers from releasing reviews. This will allow admin to release approved reviews in bulk.

New question in Company category for Pulse 360

How did it work?

Prior to this update, the **Company** category in **Pulse 360** had the following questionnaire.

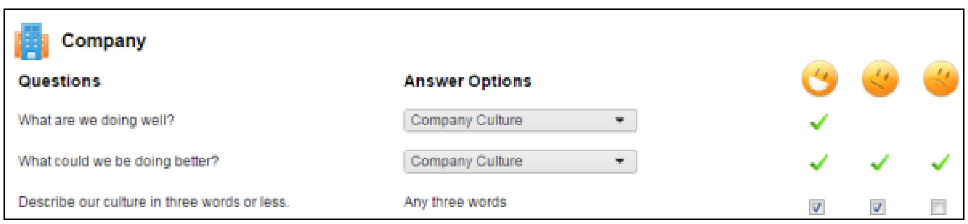


Figure 133: Old questions under the Company category

How does it work now?

In this update, the following enhancements has been made to Pulse 360.

New question in Company category

A new question **Describe your preferred future culture in three words or less** has been added to the **Company** category to capture the FUTURE culture. This will allow companies to understand not only their current culture but also the kind of culture their employees would like to see in the future. By default, its enabled for all the emoticons.

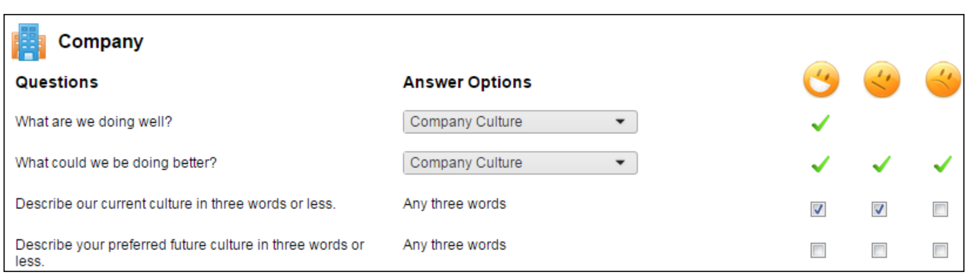


Figure 134: New questions under the Company category

It will appear on the **How's it going?** portlet on selecting the desired emoticon. The end user will have to enter 3 words that will describe the company's culture in future, one keyword per box.

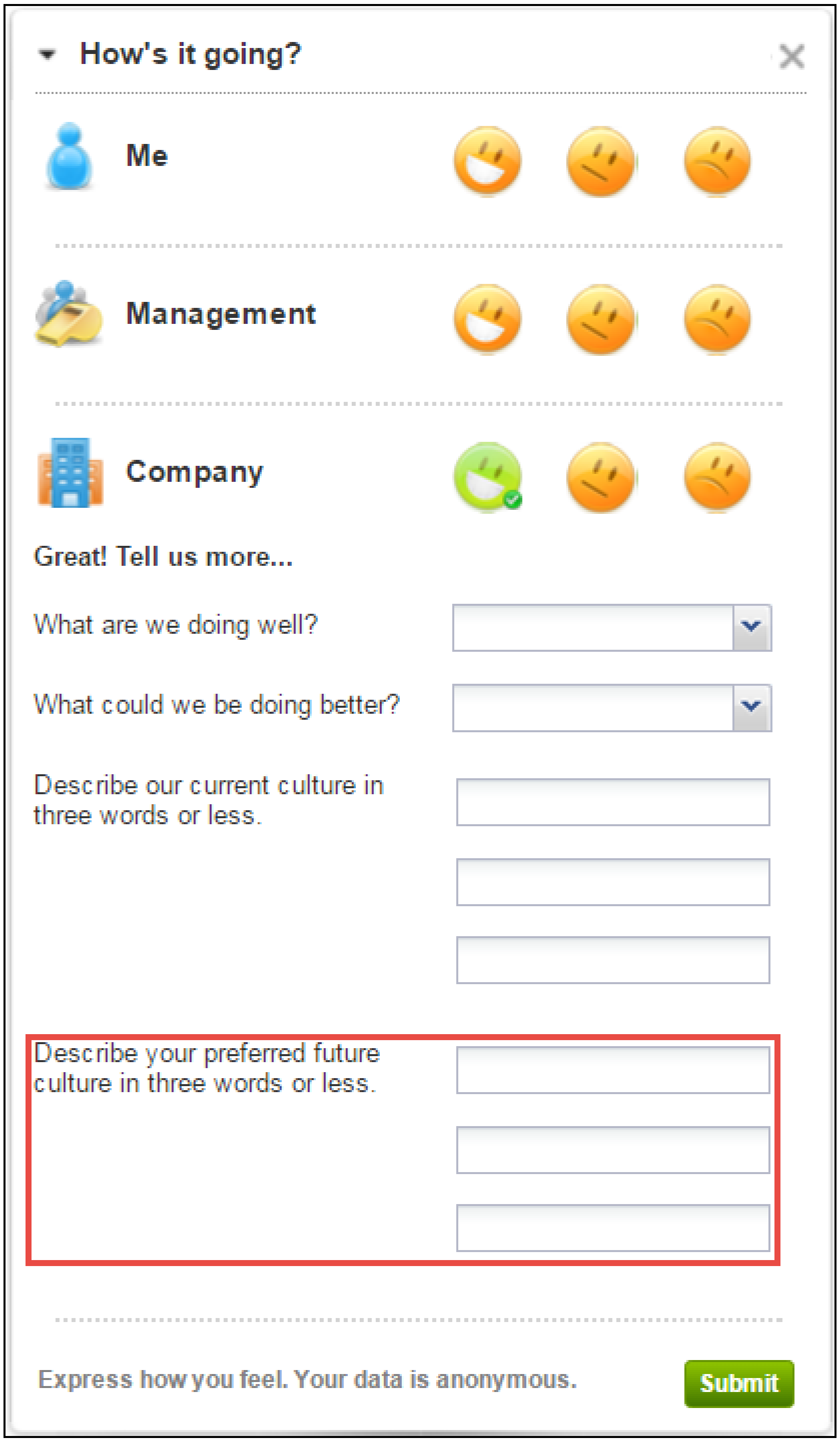


Figure 135: New question on How's it going? portlet

Once all the employees are done with the survey, these words will then be shown in the dashboard **Manage Pulse 360** > **Dashboard** > Expand **Company** category.

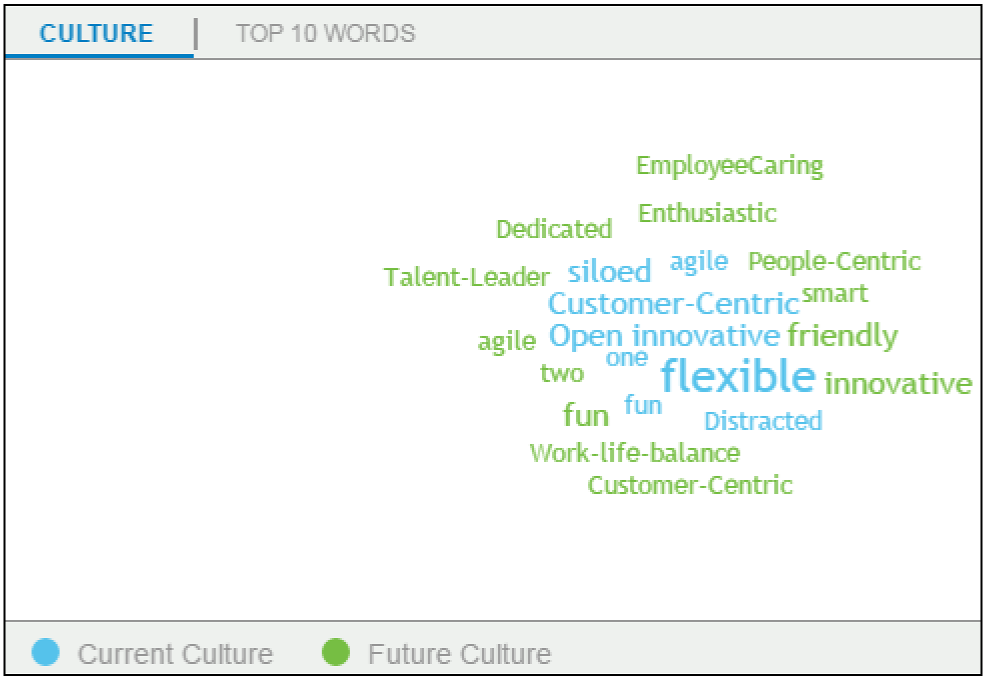


Figure 136: Tags mentioned in culture

Pulse will now list top 10 keywords for both Current and Future culture. It also provides supporting statements based on an algorithm. The admin can also filter these words by clicking the **Current Culture** and **Future Culture** labels. The admin can click the **TOP 10 WORDS** label to view the maximum entered words for both current and future culture.

Figure 137: Top 10 words about culture

Based on the top 10 words, an auto-generated culture statement is shown in the widget. The algorithm used to create this statement is:

1. Create a **Top 10** list for the current culture.
2. Create a **Top 10** list for future culture.
3. From the future culture list, go through the words with highest votes to the lowest votes and find the first two words that are **NOT** on the current culture list. Add these keywords as 1 and 2 in that auto generated statement.

Note: If algorithm 3 cannot be computed, then the auto-generated statement will appear as *We have a culture that aspires to be more <Future 1> and <Future 2> while continuing to be very <Future 3> and <Future 4>*.

where <Future 1> and <Future 2> are the top two unique words from the future list and <Future 3> and <Future 4> are next top two unique words from the future list that are not part of <Future 1> and <Future 2>.

4. From the future culture list, go through the words with highest votes to the lowest votes and find the first two words that are on the current culture list. Add these keywords as 3 and 4 in that statement.

Note: If algorithm 4 cannot be computed, then the auto-generated statement will appear as *We have a culture that is <Current 1> and <Current 2> and aspires to be more <Future 1> and <Future 2>*.

where <Current 1> and <Current 2> are top two unique words from the current list and <Future 1> and <Future 2> are top two unique words from the future list and not in current top two words.

Use case

This enhancement will now allow the business to get a better understanding of the working culture that the employees want to see in the future.

Chapter 7

Pulse 360

Topics:

New question in Company category for Pulse 360

How did it work?

Prior to this update, the **Company** category in **Pulse 360** had the following questionnaire.

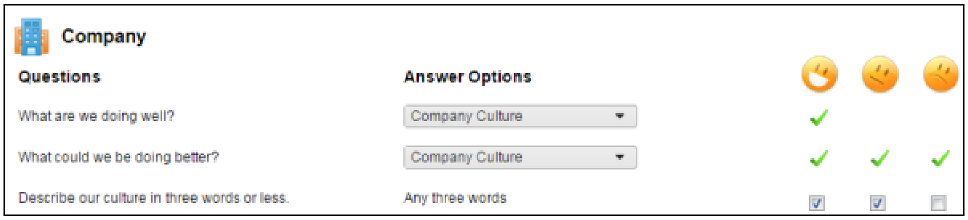


Figure 138: Old questions under the Company category

How does it work now?

In this update, the following enhancements has been made to Pulse 360.

New question in Company category

A new question **Describe your preferred future culture in three words or less** has been added to the **Company** category to capture the FUTURE culture. This will allow companies to understand not only their current culture but also the kind of culture their employees would like to see in the future. By default, its enabled for all the emoticons.

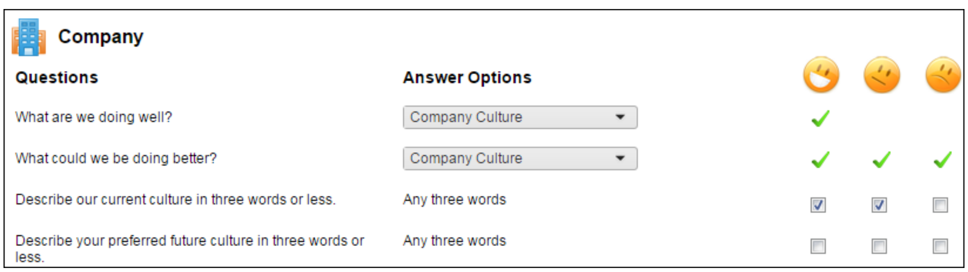


Figure 139: New questions under the Company category

It will appear on the **How's it going?** portlet on selecting the desired emoticon. The end user will have to enter 3 words that will describe the company's culture in future, one keyword per box.

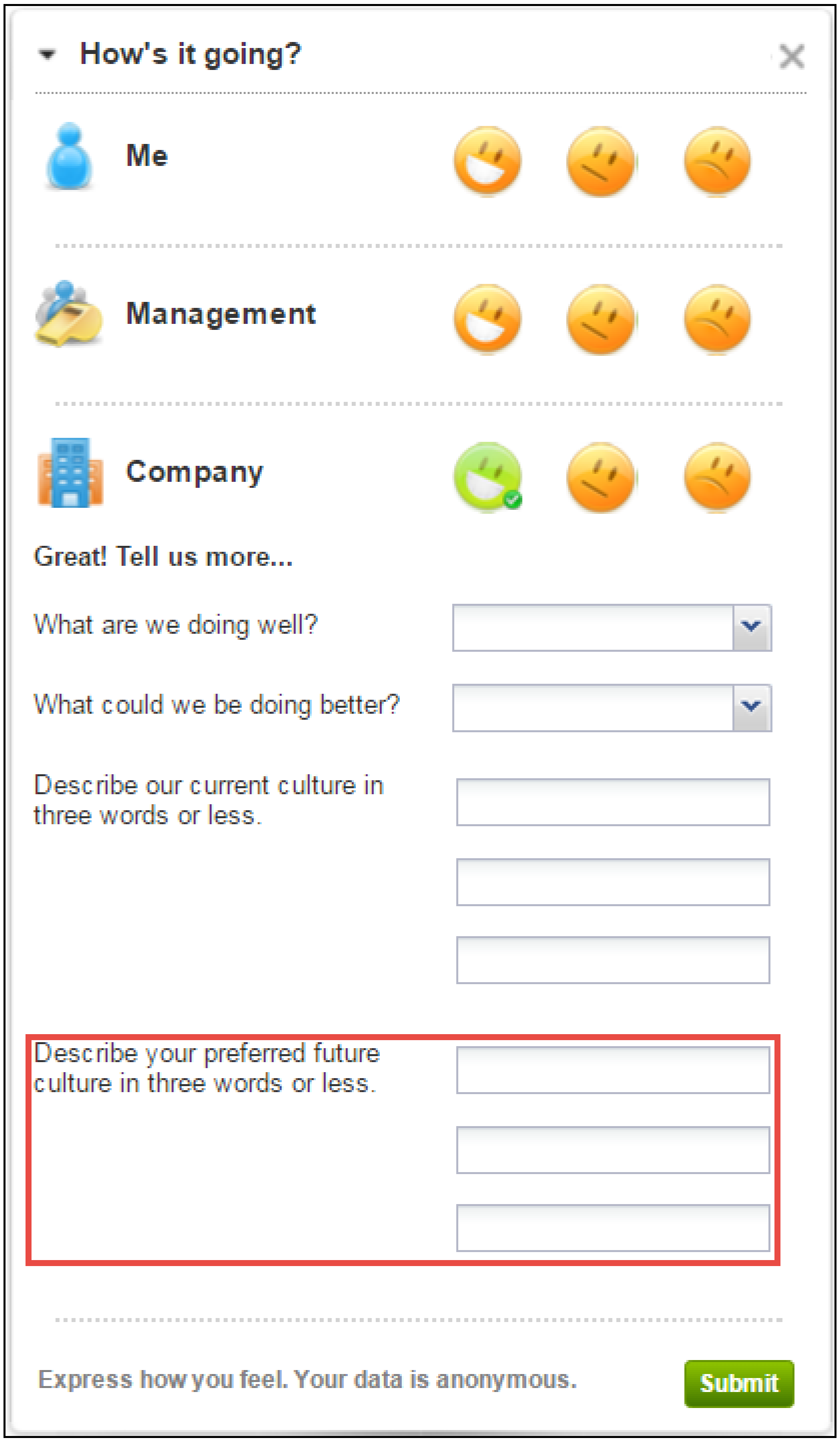


Figure 140: New question on How's it going? portlet

Once all the employees are done with the survey, these words will then be shown in the dashboard **Manage Pulse 360** > **Dashboard** > Expand **Company** category.

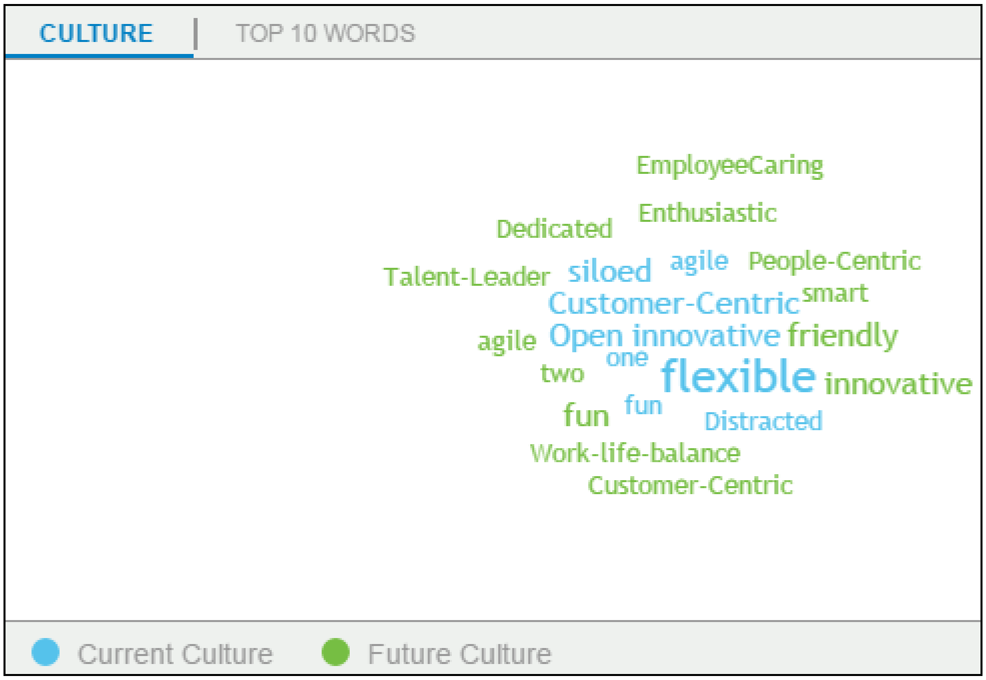


Figure 141: Tags mentioned in culture

Pulse will now list top 10 keywords for both Current and Future culture. It also provides supporting statements based on an algorithm. The admin can also filter these words by clicking the **Current Culture** and **Future Culture** labels. The admin can click the **TOP 10 WORDS** label to view the maximum entered words for both current and future culture.

Figure 142: Top 10 words about culture

Based on the top 10 words, an auto-generated culture statement is shown in the widget. The algorithm used to create this statement is:

1. Create a **Top 10** list for the current culture.
2. Create a **Top 10** list for future culture.
3. From the future culture list, go through the words with highest votes to the lowest votes and find the first two words that are **NOT** on the current culture list. Add these keywords as 1 and 2 in that auto generated statement.

Note: If algorithm 3 cannot be computed, then the auto-generated statement will appear as *We have a culture that aspires to be more <Future 1> and <Future 2> while continuing to be very <Future 3> and <Future 4>*.

where <Future 1> and <Future 2> are the top two unique words from the future list and <Future 3> and <Future 4> are next top two unique words from the future list that are not part of <Future 1> and <Future 2>.

4. From the future culture list, go through the words with highest votes to the lowest votes and find the first two words that are on the current culture list. Add these keywords as 3 and 4 in that statement.

Note: If algorithm 4 cannot be computed, then the auto-generated statement will appear as *We have a culture that is <Current 1> and <Current 2> and aspires to be more <Future 1> and <Future 2>*.

where <Current 1> and <Current 2> are top two unique words from the current list and <Future 1> and <Future 2> are top two unique words from the future list and not in current top two words.

Use case

This enhancement will now allow the business to get a better understanding of the working culture that the employees want to see in the future.

Pulse custom surveys

How did it work?

Surveys in Saba Cloud could be consumed only through class evaluations. There was no means of delivering and consuming surveys independent of a class.

How does it work now?

With this update, Saba Cloud introduces the **Saba Pulse Custom Surveys** feature, where administrators can create custom surveys that can be delivered and consumed independent of a class.

Note: You cannot use custom surveys in Learning or Recruitment surveys.

To use this feature, administrators need to make the following configurations:

New Service

To enable this feature, system administrators must enable the following service under **Pulse 360** service:

- **Custom Survey**

  By default, this service is disabled.

Figure 143: Custom Survey service

New Security Role

System administrators must grant the following security role to users who need to administer Pulse 360 custom surveys:

- **Pulse Custom Survey Admin**

  By default, this role is granted the required privileges on the following components:

  - Pulse Custom Survey
  - MenuVisibility-PulseAdmin

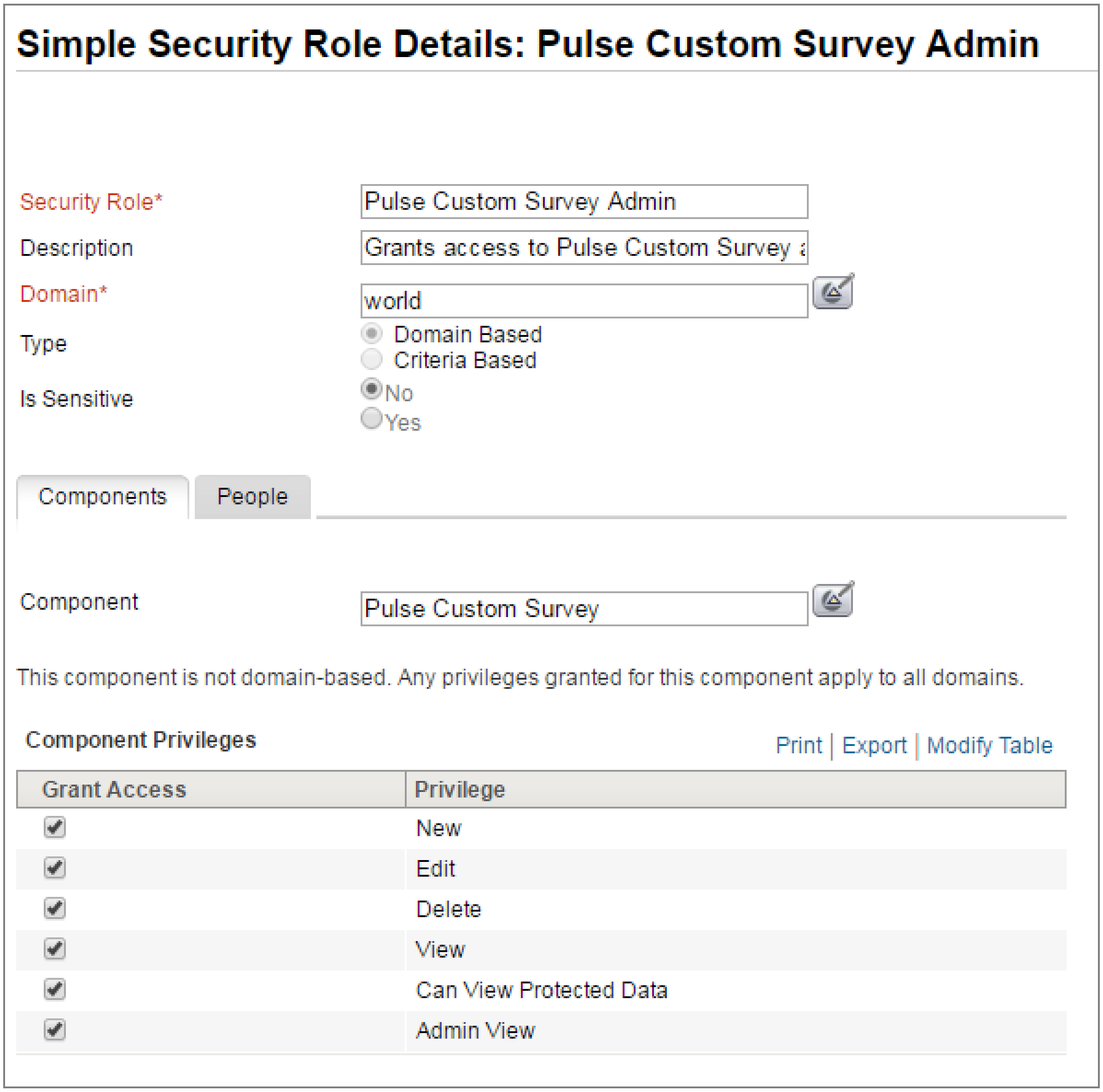
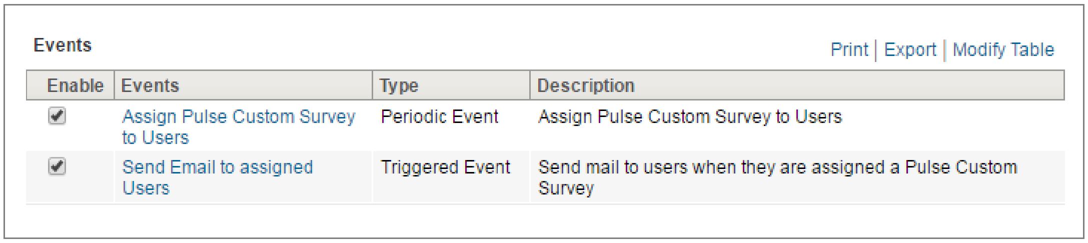


Figure 144: Pulse Custom Survey Admin role

New Notifications

System administrators can configure the following notifications for custom surveys:

- **Assign Pulse Custom Survey to Users**
- **Send Email to assigned Users**



Events

Print | Export | Modify Table

Enable	Events	Type	Description
✔	Assign Pulse Custom Survey to Users	Periodic Event	Assign Pulse Custom Survey to Users
✔	Send Email to assigned Users	Triggered Event	Send mail to users when they are assigned a Pulse Custom Survey

Figure 145: Custom Survey notifications

Pulse Custom Survey Administration

Once all configurations are in place, the Pulse custom survey administrators can create and monitor custom surveys from the new **Survey Administration** menu under **Pulse 360**.

To create a new custom survey, click the **Create Custom Survey** menu link, select the required folder in the assessment library and click the **New** button. Specify the details in the new survey wizard and publish the survey. Once you create a custom survey, you can use this survey in the launch survey wizard and assign it to designated users. Pulse custom surveys cannot be reused in any other areas of Saba Cloud, such as in class evaluations.

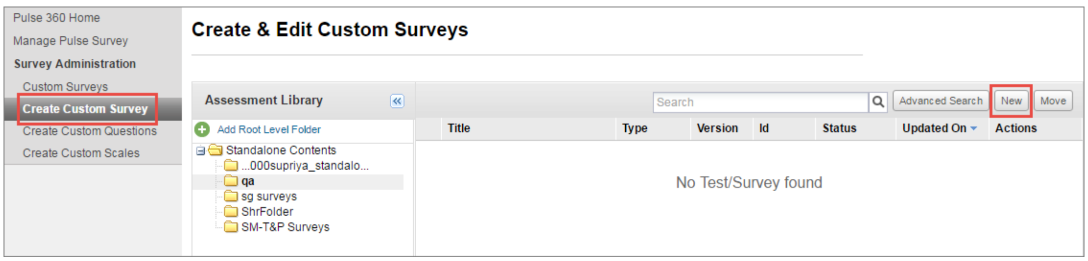


Figure 146: Custom survey creation

To launch a new custom survey, click the **Custom Surveys > Create Custom Survey** link. This opens the custom survey creation wizard. This is a 4-step wizard where you can perform the following:

1. **Survey Launch Information** - Add basic information such as survey name, ID, start and end dates, and so on.
2. **Add Survey** - Select an existing survey either from Custom, Learning and Recruiting options. Only one survey can be added.
3. **Assign Survey** - Assign the survey to designated members who can be selected manually and/or using smartlists. Smartlists are processed only when the custom survey is activated. However, administrators can preview members selected by the smartlist even before activation.
4. **Summary** - Preview the survey details and either save as draft or activate the survey.

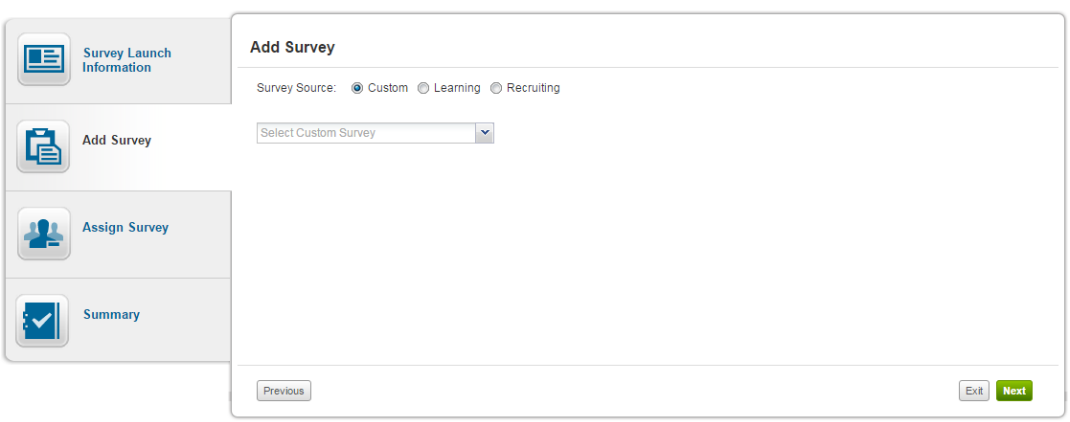


Figure 147: Custom survey launch wizard

Custom Survey Consumption

Once a custom survey is activated, Saba Cloud assigns it to designated members through the **Assign Pulse Custom Survey to Users** periodic notification. Users can take the survey only when the survey's start date is reached. When users attempt the survey, Saba Cloud launches it in a new content player template **Pulse Custom Survey Player template**.

Use case

Organizations need to use surveys not only as part of class evaluation, but also for several other reasons such as to measure the training department's effectiveness in delivering quality training or to launch a opinion poll for a selected set of users or groups, and so on. Additionally, an important use of surveys is to present the survey results data to administrators in the organization for analysis. Therefore, Saba Cloud needs to have the ability to create and deliver standalone surveys that can have varied consumption and reporting patterns.

Chapter 8

Talent

Topics:

Control display of experts in career planning

How did it work?

The people who have gained expertise in skills associated with the job appears in the **Experts** tab of the job added in the career path. This tab displays all the people who have attained expertise in the skills of the job. There was a need to display the most qualified people as expert resources instead of all.

How does it work now?

From this update, the **Experts** tab of the job will display only the most qualified people as experts. This will be dependent on the value mentioned in the new setting **Enter the threshold percent at which someone is considered to be an expert** under **Succession@Work** > **Career Planning** service.

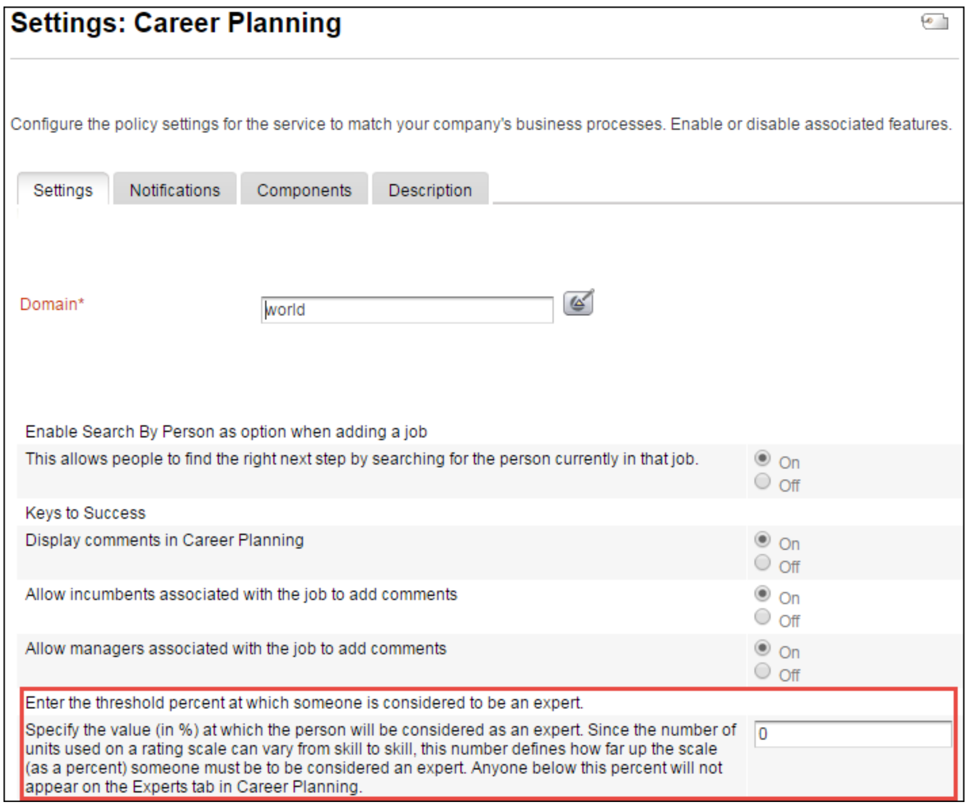


Figure 148: New setting for Experts in Career Planning

The default value of this setting is 0%. The value must be in the range of 0% to 100%. This value is required and cannot be blank. Now, based on this value, the people in the **Experts** column will be shown accordingly. For example, if you specify **80%** in the setting, then the people who have attained 80% proficiency in the skills associated with that job will be shown in the **Experts** tab.

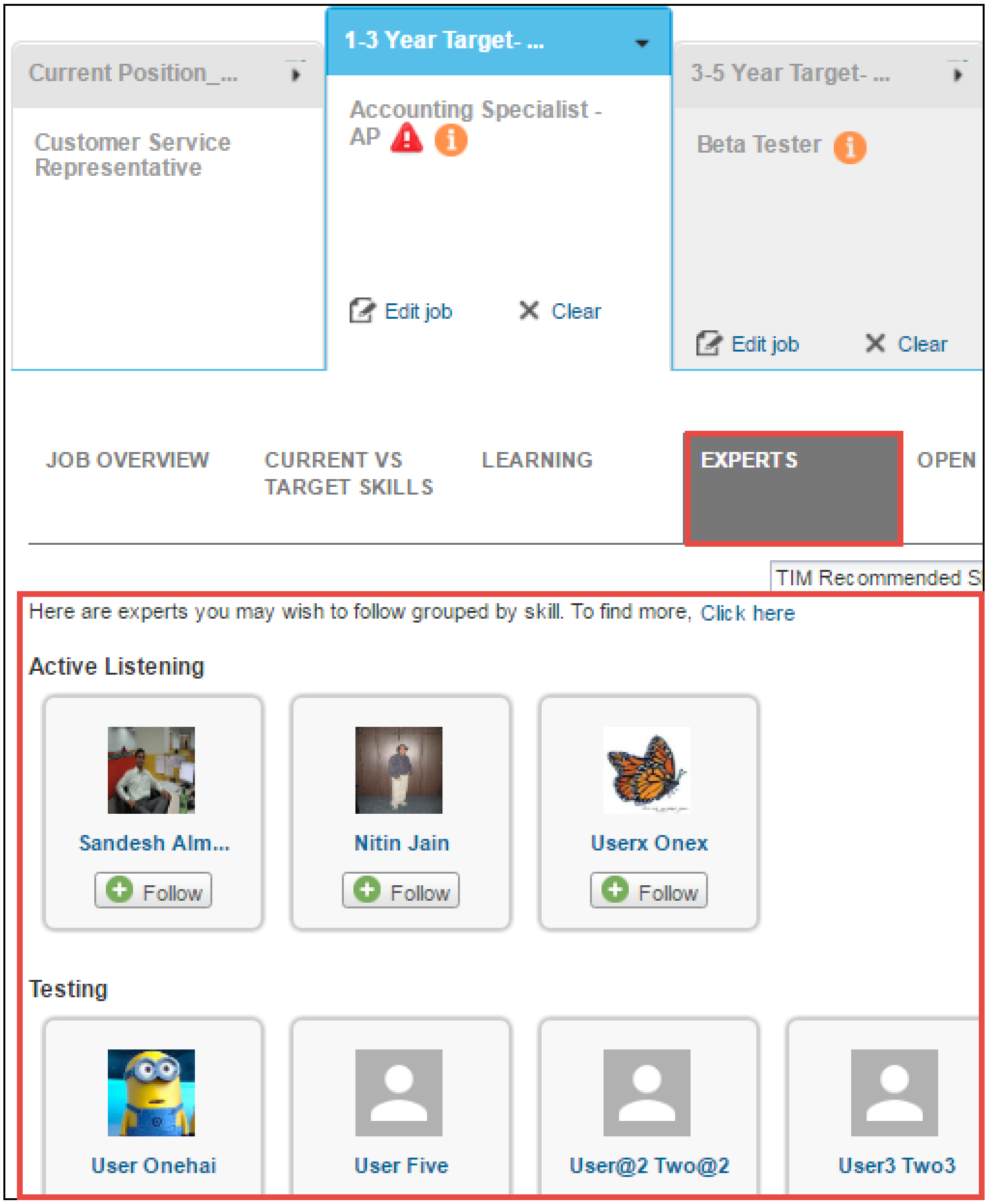


Figure 149: Experts tab

If there are many people with the same level, then such experts are grouped and shown in random order while others will be shown in descending order of the level.

Use case

A company is training its employees in a new skill area. While the overall competency level is low (because the skill is new), the company does not want anyone flagged as an expert until a certain **threshold** level of expertise is attained. In this case, the company decides to set that threshold at 80% of the max attainable value. The company uses a 5-point scale for this skill so a worker must be rated at 4 or 5 to have the system flag them as an expert in that skill.

Display Career Planning section on Talent Profile irrespective of career paths

How did it work?

The **Career Planning** section on the person's **Talent Profile** was governed by the **Career Planning** service. But, if the person had not created any career paths, then the section would not appear, even though the service was enabled.

How does it work now?

From this update, the **Career Planning** section will appear on the person's Talent Profile even when the person has not created any career paths. In such a case, the *No career paths have been created.* message appears. When the **Career Planning** service is disabled, the section is hidden.

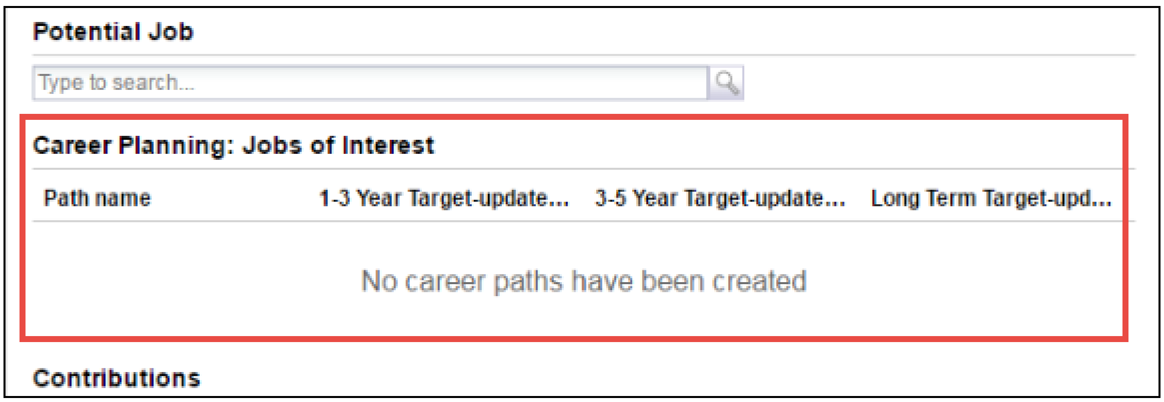


Figure 150: Career Planning section

Use case

A manager can do a better job of prompting the team to create career paths, if there is a visual reminder like an empty career path on the Talent Profile page. With this reminder, the manager will be able to trace the missing information and inform people about it.

Display talent attributes on hovering person in N-box view

How did it work?

On hovering the person in N-box view, it only use to show the person's name and designation.

How does it work now?

From this update, along with the name and designation, person's following talent attributes are also shown on hovering the person in N-box:

- Ethnically Diverse - Display values as **Unknown** and **Yes**. If the **Ethnically diverse for their region of origin, other than due to gender.** checkbox in the person's full profile is selected, it will be shown as **Yes** or as **Unknown**.

This attribute will appear only when is_diverse attribute is enabled in Configure System > Services > User Profile > Components > Core profile.

- Retirement Risk - Display person's retirement risk. This attribute will display the options based on the values selected in the person talent profile data.
- Performance Review Score - Display person's focal review score. This attribute will appear only when the **Reviews** service under **Performance** is enabled.

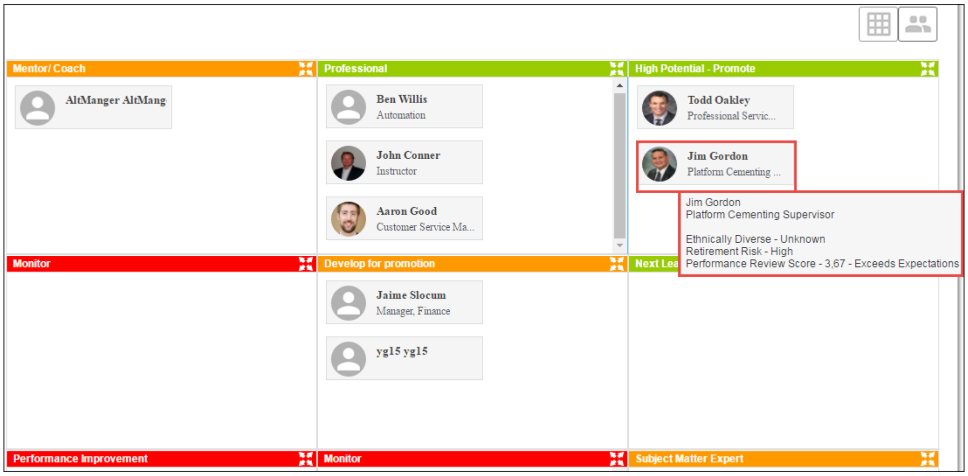


Figure 151: Talent attributes in N-box view

These changes will reflect in all the N-box across the application.

Use case

A manager or a talent administrator calibrating people within a N-box needs to be able to evaluate a lot of information quickly. Hence, having the talent information readily available can greatly improve the efficiency of the decision making process of placing a person on the grid. The metrics for a person's diversity, retirement risk, and most recent performance review score will now be visible when hovering over a person's box.

Export/print n-box view to Excel and PDF

How did it work?

There was no provision to either export the n-box view to excel or print it to PDF.

How does it work now?

From this update, the manager, talent administrator, and performance administrator can now export the current n-box view to excel and print it to PDF. Launch the n-box and then click **Export to Excel** or **Print** from the **Actions** dropdown list.

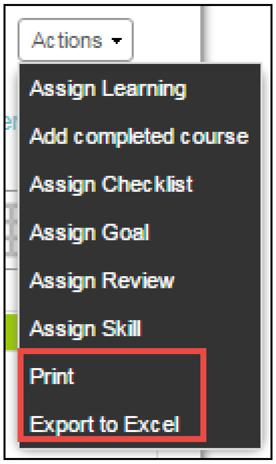


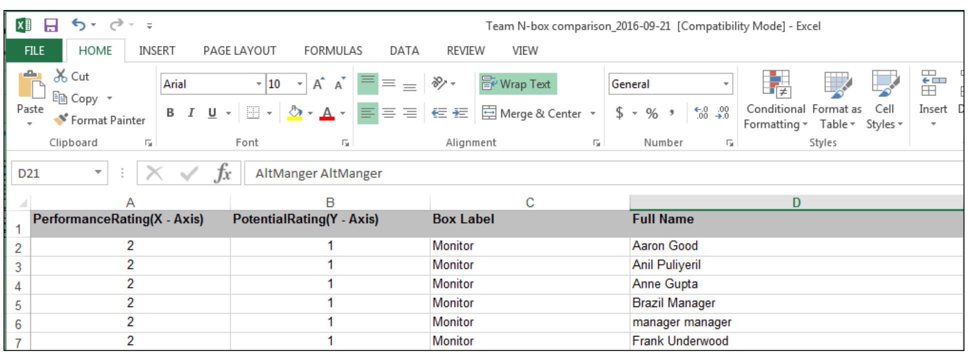
Figure 152: Actions dropdown list

Based on the selected option, the current n-box view will be shown.

To export the n-box to excel:

1. Navigate to talent pool where you want to compare people.
2. Click **Compare** > **N-box**.
3. Click **Actions** > **Export to Excel**. The .xls file gets downloaded.
4. Click the file to open and verify the details.

Note: Only 8 people can be shown per box. If more people exist, then additional pages will be generated to accommodate the coverage.



PerformanceRating(X - Axis)	PotentialRating(Y - Axis)	Box Label	Full Name
2	1	Monitor	Aaron Good
2	1	Monitor	Anil Puliyeril
2	1	Monitor	Anne Gupta
2	1	Monitor	Brazil Manager
2	1	Monitor	manager manager
2	1	Monitor	Frank Underwood

Figure 153: N-box view in Excel

To print the n-box to PDF:

1. Navigate to talent pool where you want to compare people.
2. Click **Compare** > **N-box**.
3. Click **Actions** > **Print**.
4. Click the **Printer Friendly View** icon. The **Printer Friendly View** opens.
5. Change the destination to save it as PDF. Ensure **Background graphics** is selected in **Options**.
6. Click **Save**. The file will be saved in the chosen destination folder and the PDF opens in browser.

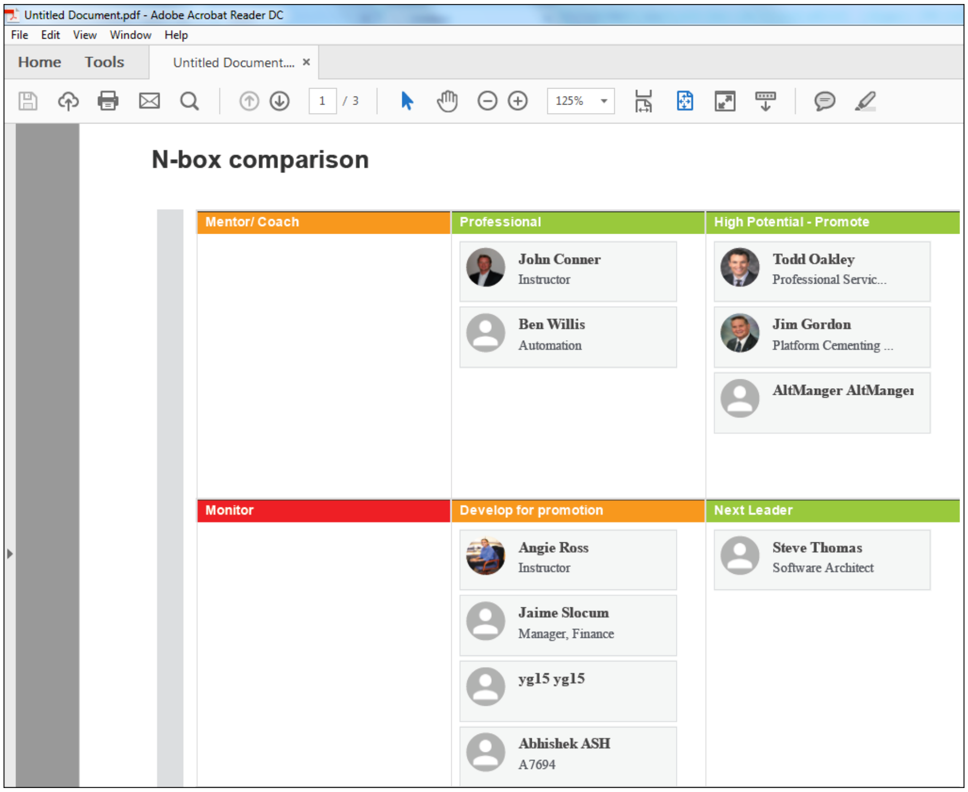


Figure 154: N-box view in PDF

Use case

A user needs to capture data at a point in time. Since there is no provision to save the n-box view in Saba Cloud, an export and print would preserve the data at a point in time.

Hover messages for potential rating and departure risk on Talent pool views

How did it work?

On hovering the bar images of **Potential Rating** and **Departure Risk** in the Talent pool, there was no clear indication about the selected ratings.

How does it work now?

From this update, hover messages will be shown on the bar image under the **Potential Rating** and **Departure Risk** columns. The messages on the popup will be updated based on the changes made in the person's Talent Profile.

Note:

These messages appear in both Manager and Talent admin views.

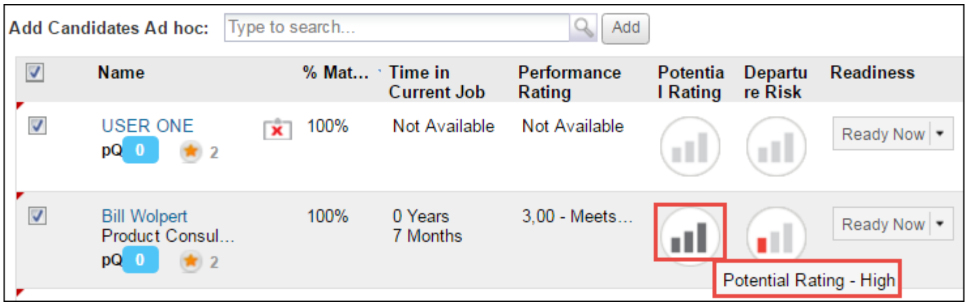


Figure 155: Hover message on Potential Rating column

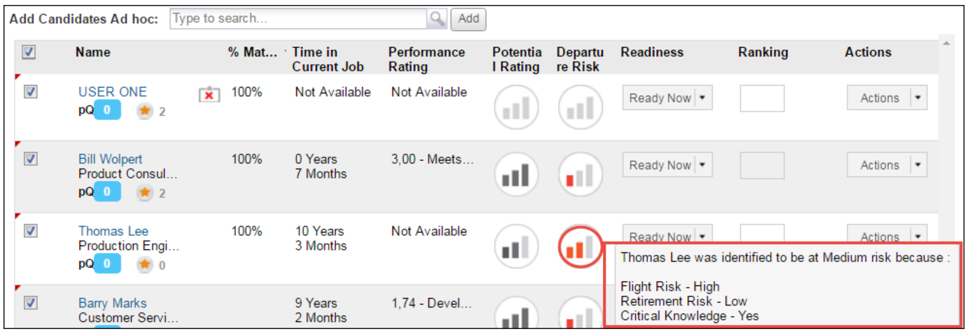


Figure 156: Hover message on Departure Risk column

Use case

A manager working on talent pools for her organization couldn't relate with the bar images shown under **Potential Rating** and **Departure Risk**. Hence, on hovering the bar images, a popup appears that explains the criteria to determine the rating.

Surface job details and attachments from Job details on Profile page and in Career Planning

How did it work?

An employee's profile page and their career path did not provide the job description, responsibilities, and attachments associated with the job.

How does it work now?

From this update, attachments can now be added to the job object and seen in both Career Planning, and Profile views.

Profile page

On the Profile page, the Job title is now hyperlinked which opens a popup with job description, responsibilities associated with the job, and attachments. This data is fetched from the Job details filled by the HR admin. If the HR admin has attached any documents related to skills, then those documents will surface on the popup under the **Attachments** heading. The employee can click the attachment name and access the file.

Note: The visibility of attachment is based on the privileges assigned to the logged-in user on attachments. The security rules still apply so if an attached document is marked as private, then only those individuals with **Can view private attachments** enabled on the **System** component, can view.

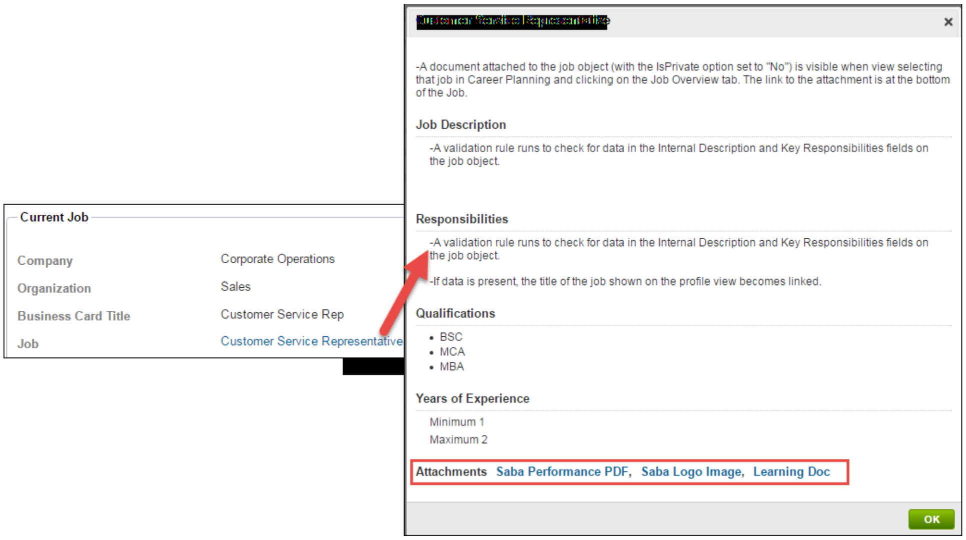


Figure 157: Job description with Attachment section on Profile

Career Planning

The **Attachments** section is also added under the **JOB OVERVIEW** tab of a career path. The employee can click the attachment name and access the file.

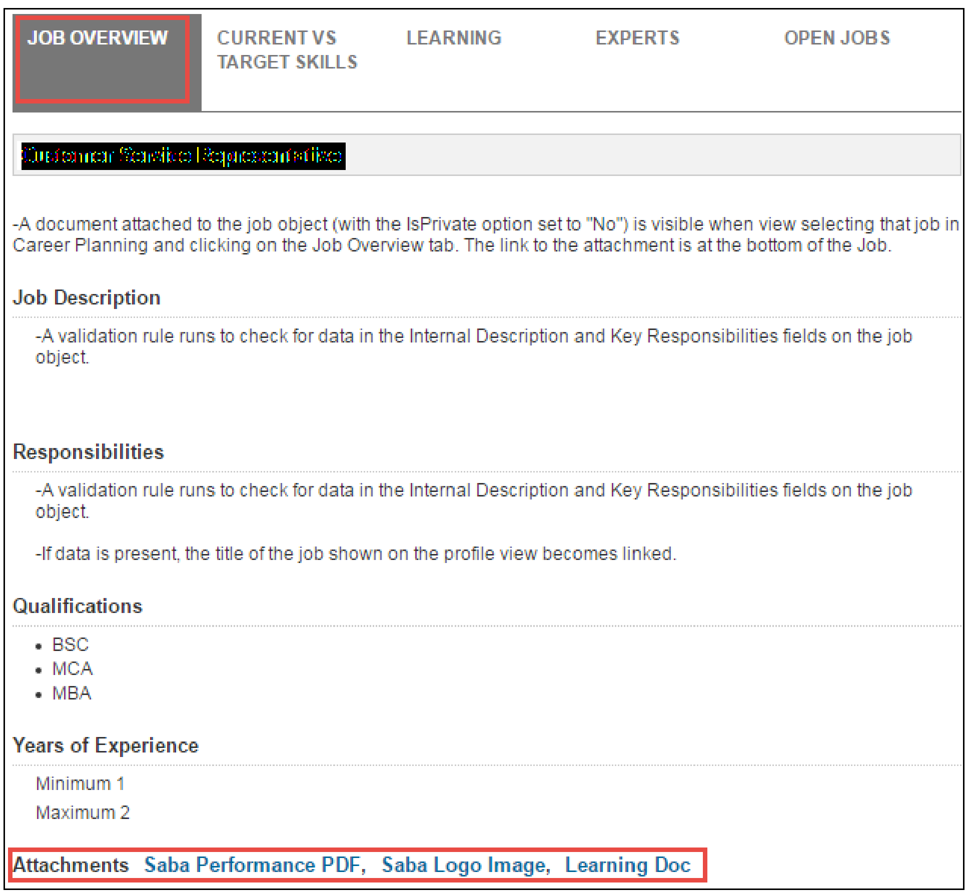


Figure 158: Job description with Attachment section in career path

If the **Recruiting@Work + Internal Opportunities** service is enabled and a job requisition exists for the same job, then additional details, such as Qualifications, Years of Experience and job requisition template description appears at the top of the profile page.

Use case

A user, who does not have Career Planning feature, can still make the pertinent job information, such as the job description and associated skills available to employees via their Profile page. The HR administrator fills the job information into the job and attaches a list of skills to the same job. Employees associated with that job can now go to their profile page, click the job title to view its details in a popup. They can also view attachments with skills on the profile page as well.

Surface Actions menu on N-box view

How did it work?

The manager could assign learning, reviews, skills, and etc to his/her direct and alternate team members through **MY TEAM** > **Overview** > **Team Actions**. There was a need to assign the same to the members who are plotted on n-box.

How does it work now?

From this update, the manager will be able to assign the following to the members who are plotted on n-box:

- Learning
- Completed course
- Checklist
- Goal
- Review
- Skill

In the n-box view, **Actions** dropdown list has been added from where the manager can assign the above plan items to the ones who are plotted on the n-box. The manager will be able to assign plan items to his direct, alternate, and other team team members that are plotted on n-box.

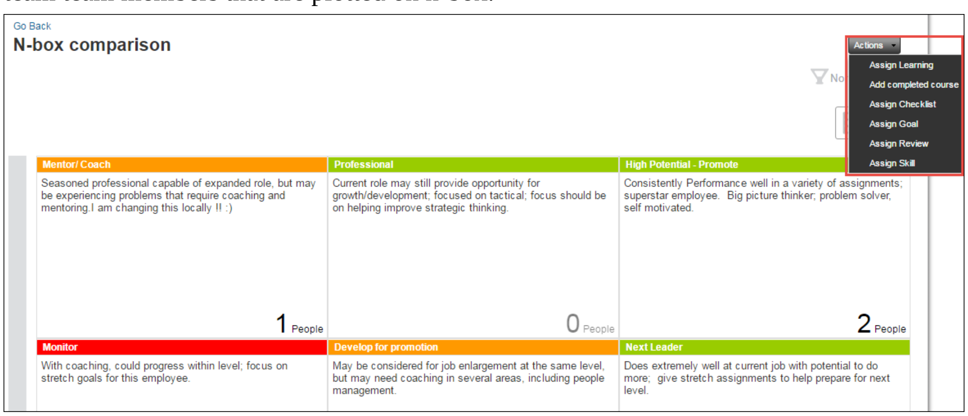


Figure 159: Plan actions

While assigning the plan item to people, the manager will be able to choose between **Currently plotted**, **Direct team**, or **Alternate team**. Once the plan item is assigned, it will appear in the person's plan.

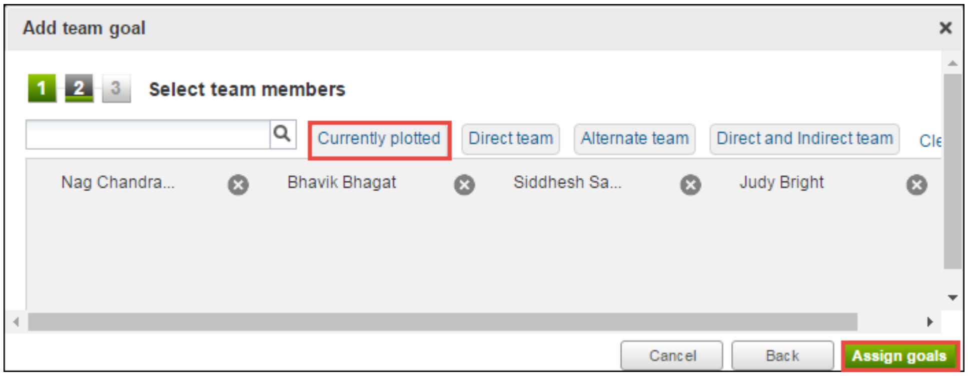


Figure 160: Assign goal to currently plotted people on N-box

Use case

A user is performing a calibration and wants to add something to an employee's plan. With this new functionality, they can click **Actions** button and easily add a goal, assign learning, or a variety of other items. There is no longer a need to navigate away from the N-box page.

Chapter 9

Recruiting

Topics:

- Auto reject candidates with incomplete profile
- Display custom and extended custom fields on candidate's profile
- Job requisition summary digest
- Multiple career sites
- New setting to pull job description in requisition
- New keywords in offer letter template
- Smarter one click approval from email
- Manage onboarding forms in HR admin flow
- Reposition Terms and Conditions
- UI enhancements on the Hiring Team page

Auto reject candidates with incomplete profile

How did it work?

When the candidate's profile is incomplete (mandatory fields are not filled after the job application), then the candidate is moved to the **Complete** status in the **New** tab.

How does it work now?

Candidates can now be auto-rejected if the mandatory fields are missing or not added on the profile so that only the genuine candidates are processed further who have added the necessary and required details on their profiles.

In this update, new settings **Candidate has not filled the mandatory fields X days post application** and **X Days Notification-Candidate Auto-rejection for Incomplete profile** have been introduced under **Recruiting@Work + Internal Opportunities**.

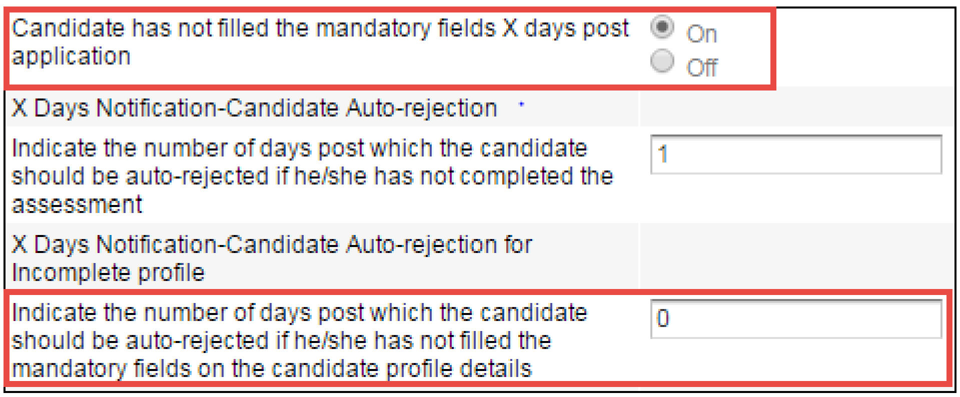


Figure 161: New settings for candidate auto rejection

By default, the **Candidate has not filled the mandatory fields X days post application** setting is disabled. When it is enabled and the number of days are mentioned in the **X Days Notification-Candidate Auto-rejection for Incomplete profile** setting, then the candidate's profile will be rejected after the mentioned days. These settings will work only after the periodic notification **Candidate Auto Rejection** event is triggered. Based on the information provided in the above settings, the candidates will be auto rejected from the system. In the Hiring team group, the candidates with incomplete profile appears in the **New** tab > **Incomplete** link.

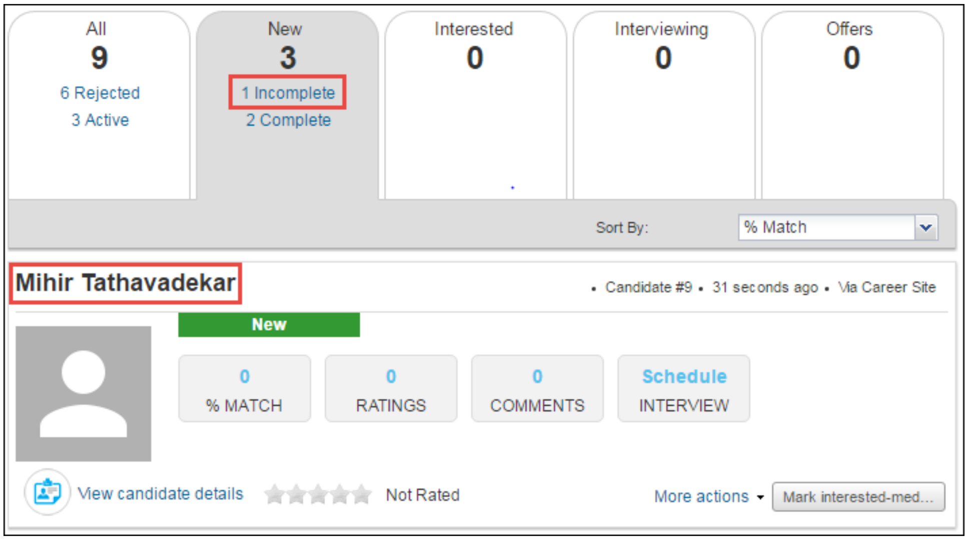


Figure 162: Incomplete profile candidates in New tab

If the candidate does not fill the information before X days, the candidate will be rejected with the reason as **Incomplete profile**.

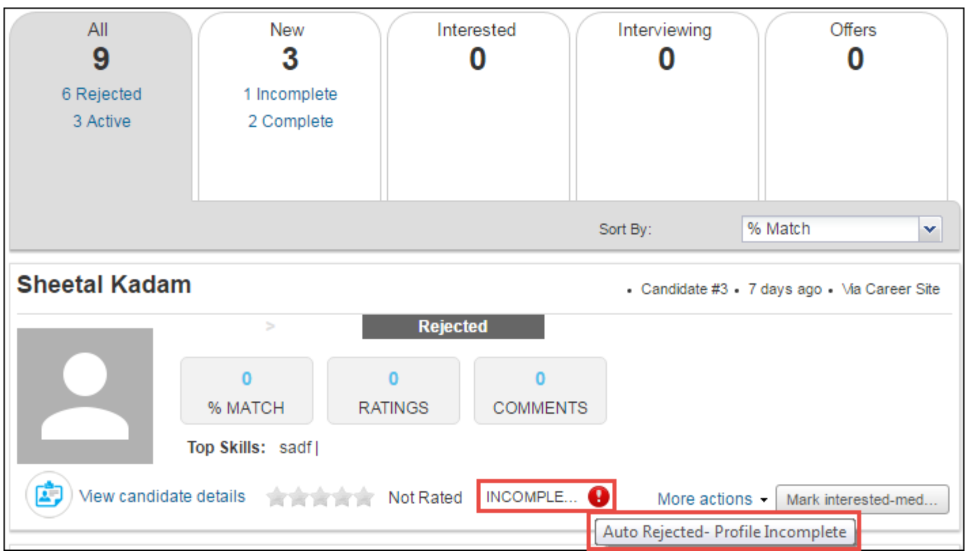


Figure 163: Auto rejected candidates

Such rejected candidates will be then moved to **All** tab > **Rejected**.

Note: These candidates can once again re-apply for the same job requisition.

Use case

Candidate is auto-rejected if the mandatory fields are missing or not added on the candidate's profile.

Display custom and extended custom fields on candidate's profile

How did it work?

Prior to this update, if any details are added in the candidate's custom fields (under **Additional details** section), then those fields are not populated on the candidate's **Profile** tab.

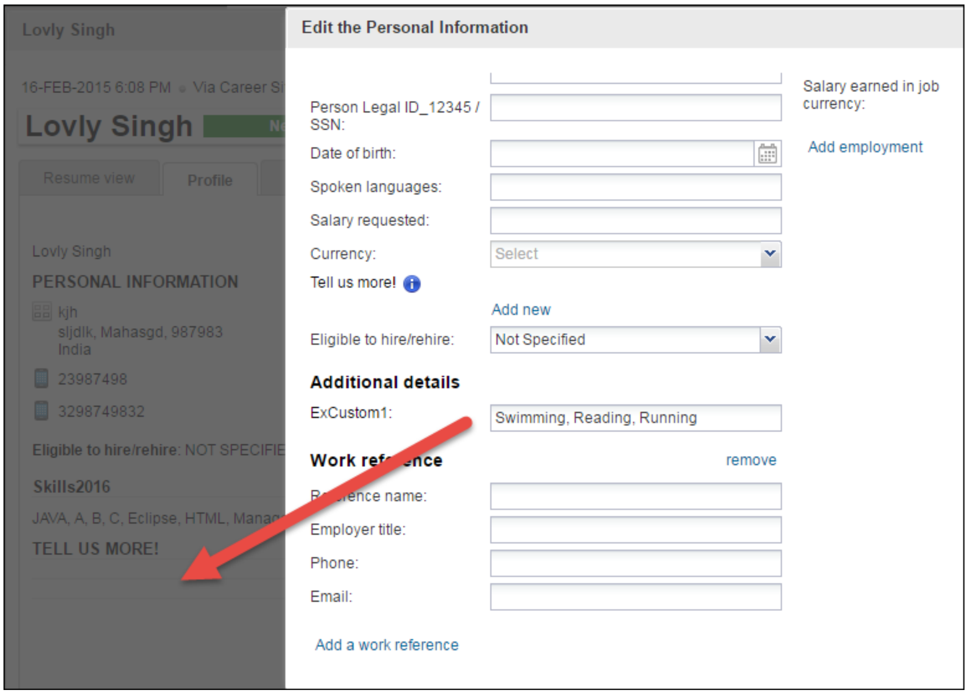


Figure 164: New setting to pull job description

Also, there was a need to update the look and feel of the Career site login page.

How does it work now?

From this update, any additional details available in the candidate's custom fields will now be surfaced on the candidate's **Profile** tab.

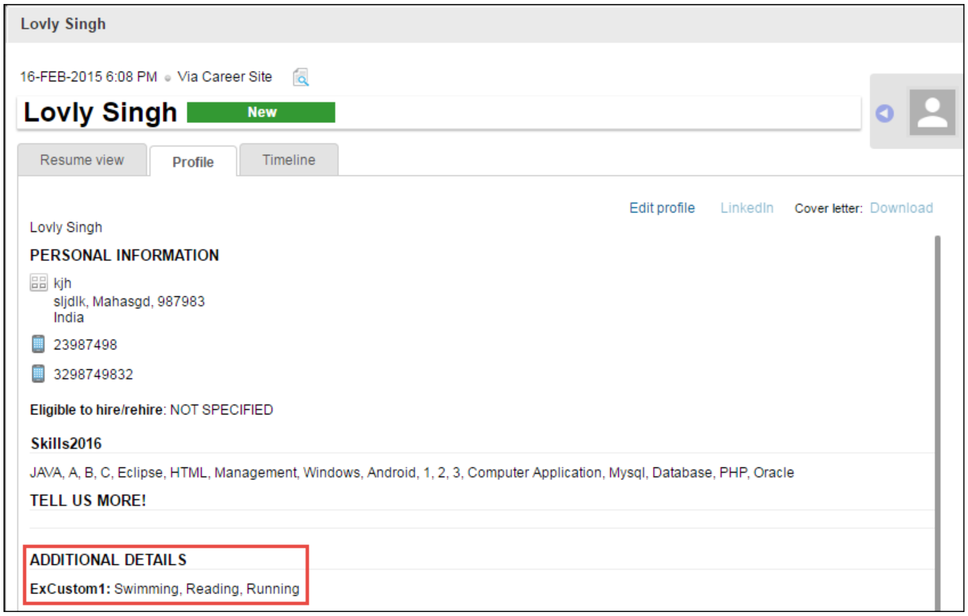


Figure 165: New setting to pull job description

The Profile tab is accessible from:

- Go to My Team > Jobs > Job Requisitions > Go to Hiring Team > Click any candidate > View candidate details > Profile tab.
- Go to People > Jobs > My Job Requisitions > Go to Hiring Team > Click any candidate > View candidate details > Profile tab.
- Go to Admin > Recruiting > Manage Candidates > Search any candidate > Click candidate name link > Profile tab.

The custom fields are also shown on **Step 2 Candidate details** when a candidate applies for a job.

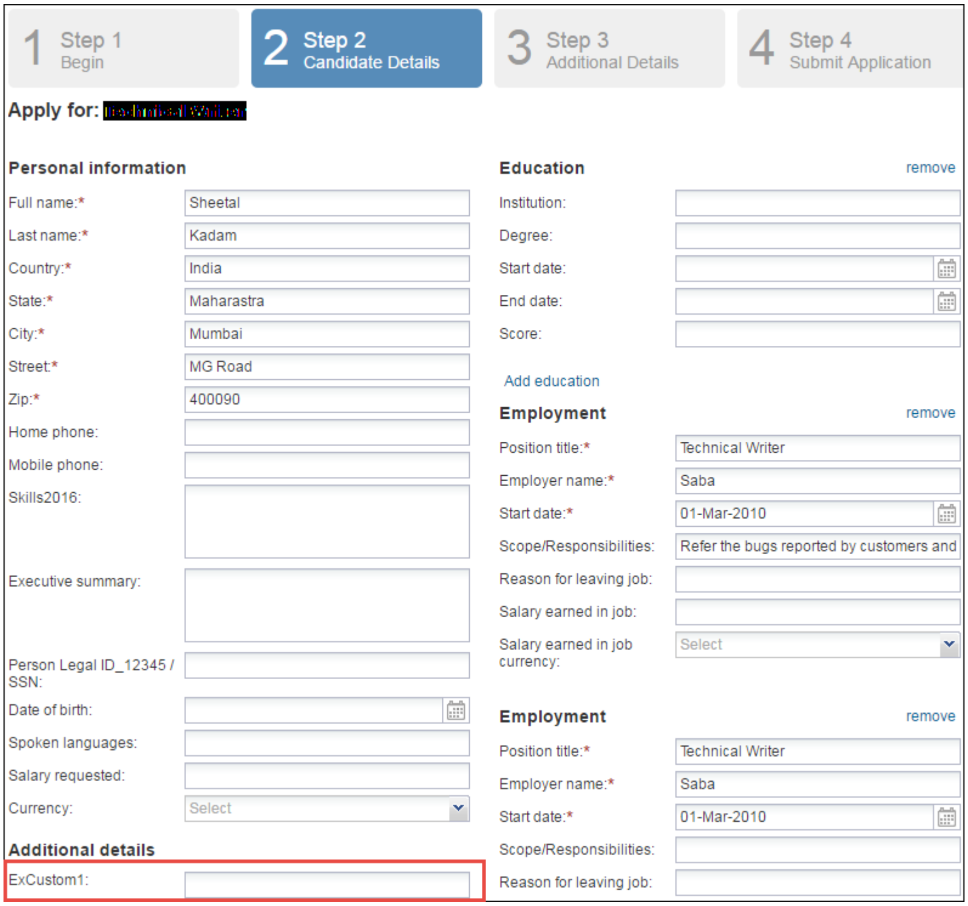


Figure 166: Fill custom fields while applying for job

Use case

This now improves the candidate's profile view by showing the custom fields.

Job requisition summary digest

How did it work?

Prior to this update, there was no provision to receive any digest notifications or summary updates for requisition.

How does it work now?

From this update, the recruiter and hiring manager will be able to receive a requisition summary through email either weekly or monthly. A new field has been introduced on the *<user name>* > **Account Preferences** > **Job Requisition Summary**.

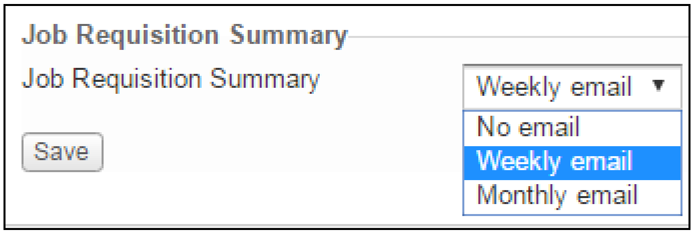
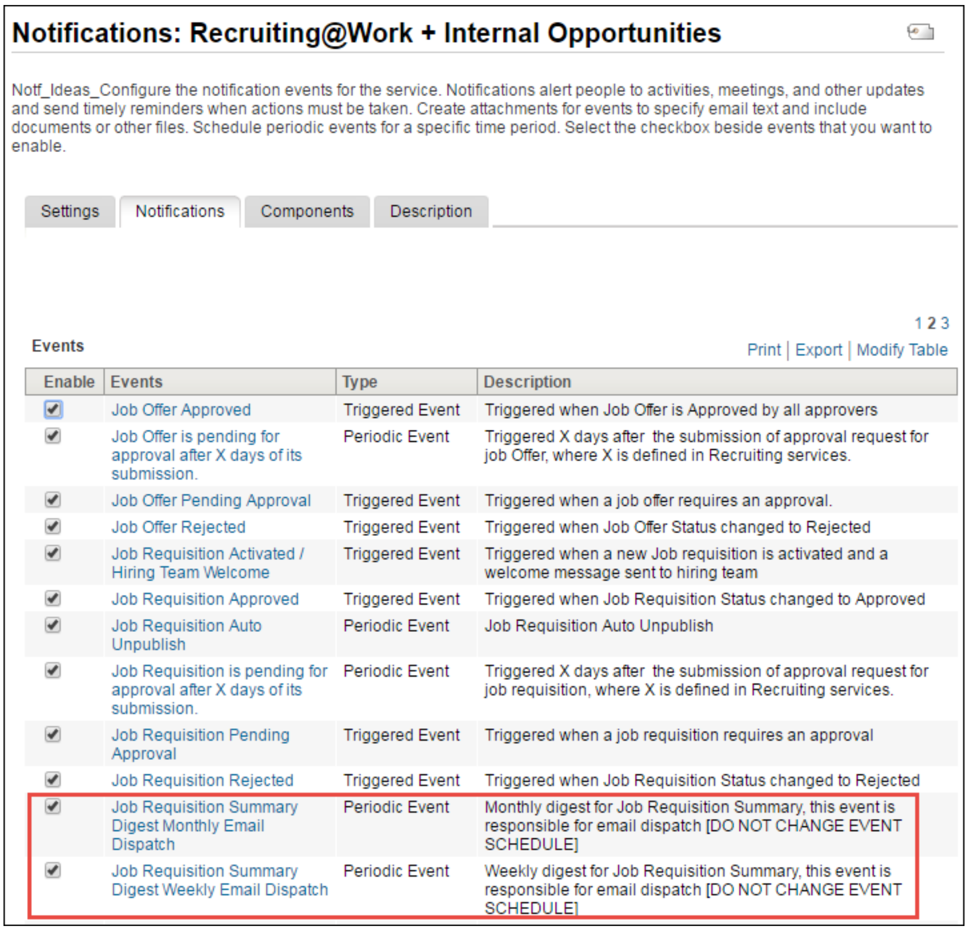


Figure 167: Job Requisition Summary

By default, **No email** will be selected for this field. The user may select either **Weekly email** or **Monthly email**. The emails will be triggered only when the **Job Requisition Summary Digest Monthly Email Dispatch** and **Job Requisition Summary Digest Weekly Email Dispatch** notifications are enabled. By default, these notifications are enabled. These notifications will be triggered only when the **Process mailer service queue** notification under the **Collaboration** service is enabled.



Notifications: Recruiting@Work + Internal Opportunities

Notf_Ideas_Configure the notification events for the service. Notifications alert people to activities, meetings, and other updates and send timely reminders when actions must be taken. Create attachments for events to specify email text and include documents or other files. Schedule periodic events for a specific time period. Select the checkbox beside events that you want to enable.

Settings | Notifications | Components | Description

1 2 3

Events

Print | Export | Modify Table

Enable	Events	Type	Description
✔	Job Offer Approved	Triggered Event	Triggered when Job Offer is Approved by all approvers
✔	Job Offer is pending for approval after X days of its submission.	Periodic Event	Triggered X days after the submission of approval request for job Offer, where X is defined in Recruiting services.
✔	Job Offer Pending Approval	Triggered Event	Triggered when a job offer requires an approval.
✔	Job Offer Rejected	Triggered Event	Triggered when Job Offer Status changed to Rejected
✔	Job Requisition Activated / Hiring Team Welcome	Triggered Event	Triggered when a new Job requisition is activated and a welcome message sent to hiring team
✔	Job Requisition Approved	Triggered Event	Triggered when Job Requisition Status changed to Approved
✔	Job Requisition Auto Unpublish	Periodic Event	Job Requisition Auto Unpublish
✔	Job Requisition is pending for approval after X days of its submission.	Periodic Event	Triggered X days after the submission of approval request for job requisition, where X is defined in Recruiting services.
✔	Job Requisition Pending Approval	Triggered Event	Triggered when a job requisition requires an approval
✔	Job Requisition Rejected	Triggered Event	Triggered when Job Requisition Status changed to Rejected
✔	Job Requisition Summary Digest Monthly Email Dispatch	Periodic Event	Monthly digest for Job Requisition Summary, this event is responsible for email dispatch [DO NOT CHANGE EVENT SCHEDULE]
✔	Job Requisition Summary Digest Weekly Email Dispatch	Periodic Event	Weekly digest for Job Requisition Summary, this event is responsible for email dispatch [DO NOT CHANGE EVENT SCHEDULE]

Figure 168: Job Requisition Summary notifications

Based on the option selected for **Job Requisition Summary** on your account preferences, an email will be sent to the recruiter and/or hiring manager.

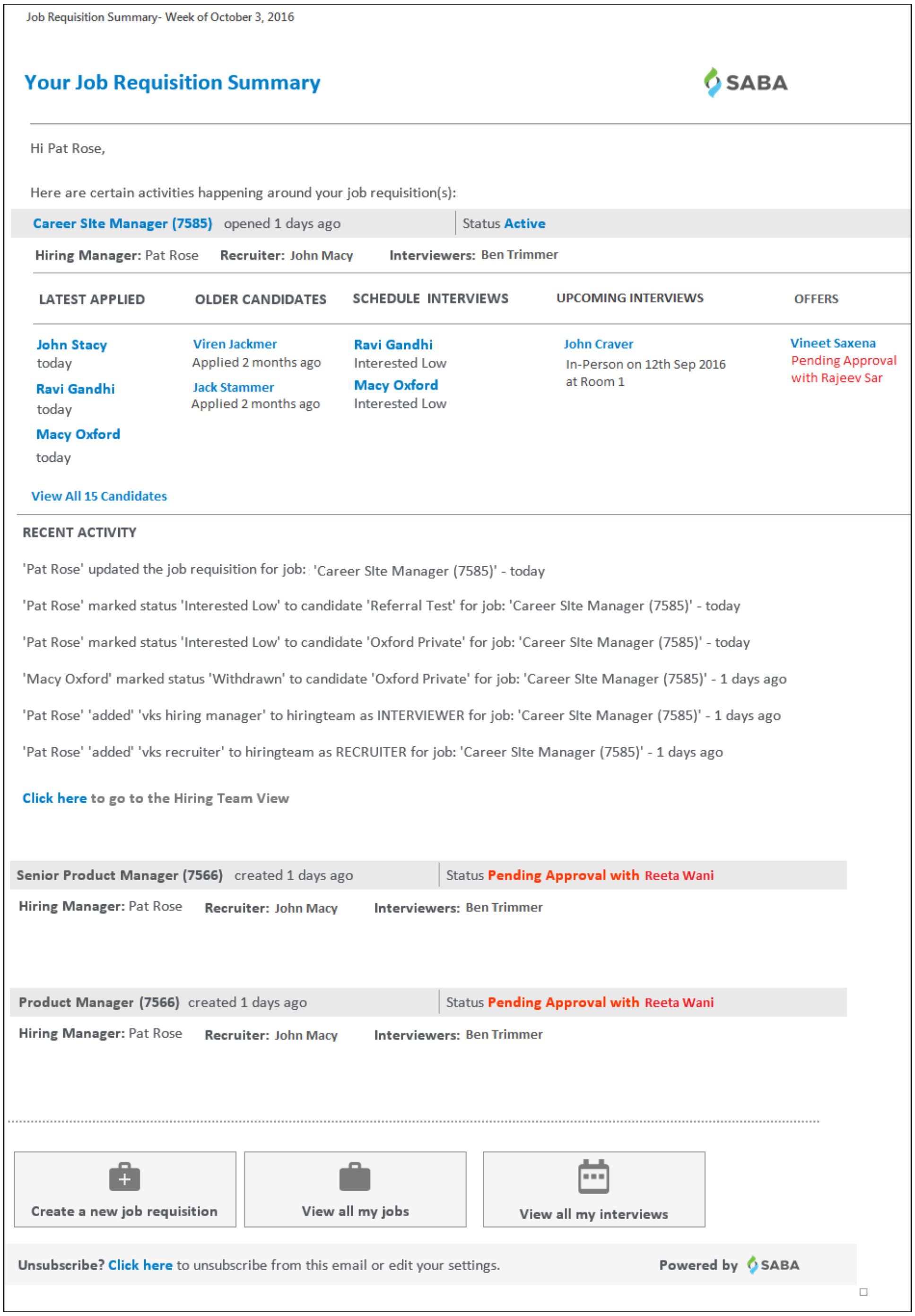


Figure 169: Job Requisition Summary email (Part 1)

The notification email will show detailed report on each requisition associated with the logged-in user. The details shown are:

- Job requisition name - On clicking this link the user is navigated to requisition's hiring team page.
- Status
- Hiring Manager's name, Recruiter's name, and Interviewer's name
- Latest candidates applied
- Older candidates - Displays older candidates so that the hiring team screen these candidates quickly and take some actions on them.
- Upcoming interviews

- Schedule interviews
- Offers made
- Recent Activity - Shows the updates that appears in the activity stream.
- Click here link to navigate the user to hiring team view

If there is no data, then the hiring manager and recruiter will not receive any email. You can download the candidate's resume by clicking the candidate's name. Under every candidate, the candidate's current status is mentioned. It also indicates with whom the job requisition or candidate's job offer is pending with for an approval.

The above sections of the job requisition will be repeated for every **Active** and **Pending Approval** job requisitions provided the data is available for each section. If the data is unavailable, then the section will not be displayed in the notification.

Use case

The individual hiring managers and recruiters can now opt to get job requisition summary email digests at weekly or monthly interval. Hiring managers and recruiters are well-informed and stay up-to-date with the latest happenings around their job requisitions with hyperlinks to directly access the job requisition's hiring team view.

Multiple career sites

How did it work?

Prior to this update, the recruiting administrator could create only one career site which was a default site where all the job openings across all the locations were published.

How does it work now?

From this update, the recruiting administrators can create multiple career sites, associate each with a region or group and also brand them independently. This will maintain the look and feel to various job sites that ties back to sites or regions. The administrator can also publish the job openings to the selected career site. The administrator can also set a default time zone for each career site. Analytics enables user to distinguish between the job sites while reporting on applications and provides an ability to users to view all the available jobs from an All Jobs site or toggle to other available job sites.

The recruiting administrator must navigate to the default career site and click **Add Career Site** to add multiple career sites.

To add multiple career sites:

1. Navigate to **ADMIN** > **Recruiting** > **Manage Career Sites** > **Career Sites** > *<career-site-name>*.
2. Click **Add Career Site**.
3. Enter the following details.

Table 103: Career Site Fields

Field Name	Description
Name	Provide a name for the career site.
URL Identifier	URL identifier that is appended to your site's URL to form the URL for the career site. For example:**ht~tps://<your_default_career_site_url>-<new_ca~reer_site_url_identifier>**

Field Name	Description
Description	Provide a description for the new career site.
Is Private	Select the checkbox to make it as private career site. This site will be accessible only to those with whom the career site URL will be shared.
TimeZone	Select the desired time zone based on your current local~ ity.
Marketing Communication	Address potential applicants with information about your company. The marketing communication appears in the front section of the career site home page. Use the rich text formatting bar to add images and apply formating. The width must be around 862 pixels.
Locales	Select the locate in which you want to display the text.
Edit Theme	Change the theme based on the career site's location.

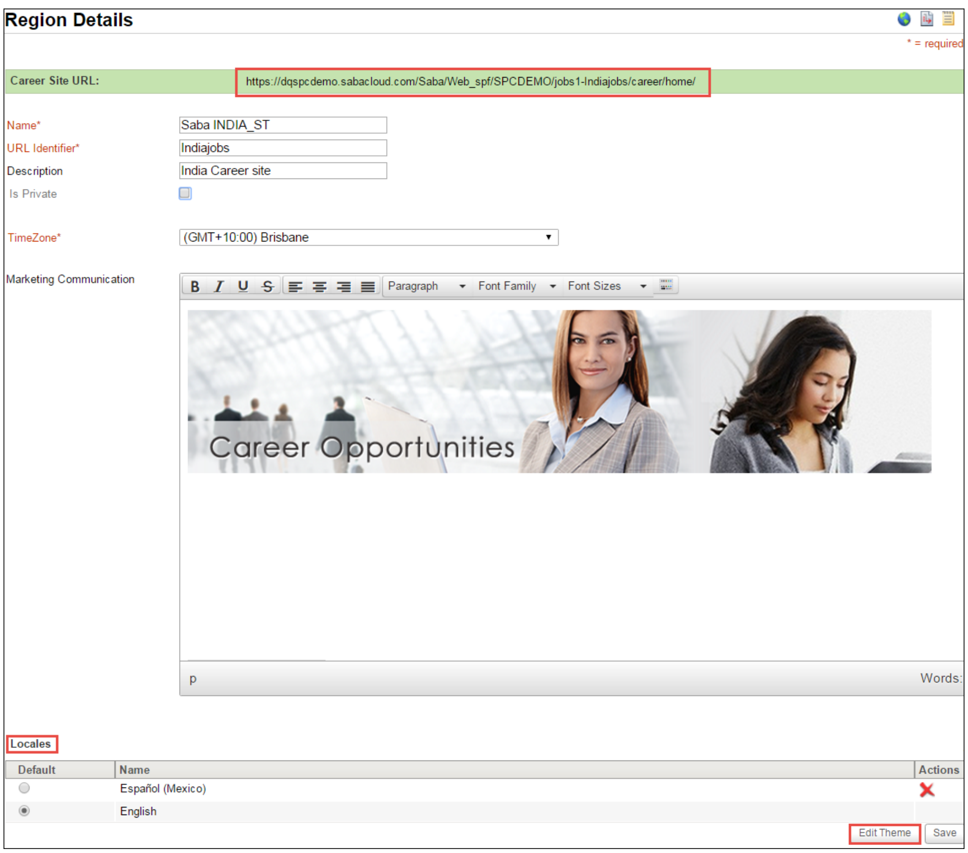


Figure 170: Multiple career site

4. Click Save. The new career site - location wise is created.
5. Click **Activate** corresponding to the newly created site to activate it. Click **De-activate** to deactivate the site.

Note: The user will not be able to deactivate the default career site.

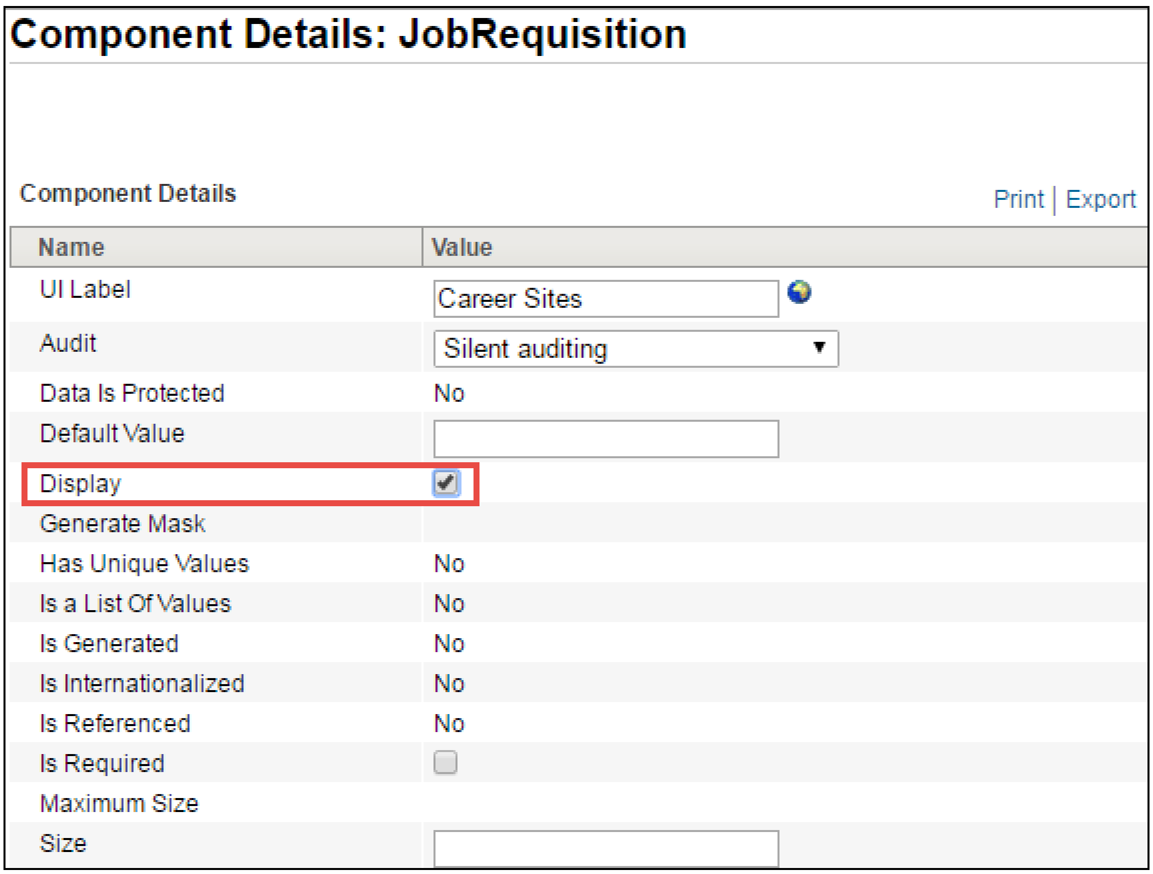
Career Sites

Add Career Site

Name	Description	Actions
All Jobs	All Jobs	De-activate
North America	North America Jobs	Activate
Oxford University	Private Region	De-activate
Saba Africa	Saba Africa Careers	De-activate
Saba APAC	APAC Career site	De-activate
Saba Europe	Saba Europe Careers	Activate
Saba India	India Careers	De-activate
Saba Middle-East	Middle-east careers	De-activate
Saba UK	UK Career Site	Activate
Saba US	US Career Site	De-activate

Figure 171: Multiple career site

6. Click **Save**.
7. Navigate to **System** > **Configure System** > **Services** > **Recruiting@Work + Internal Opportunities** > **Components**.
8. Click **JobRequisition**.
9. Navigate to **attributes** > **regions**.
10. Select the **Display** checkbox.



Component Details: JobRequisition

Component Details

Print | Export

Name	Value
UI Label	Career Sites
Audit	Silent auditing
Data Is Protected	No
Default Value	
Display	
Generate Mask	
Has Unique Values	No
Is a List Of Values	No
Is Generated	No
Is Internationalized	No
Is Referenced	No
Is Required	
Maximum Size	
Size	

Figure 172: Regions attribute

11. Click **Save** twice.

Once the career site is created and the attribute is enabled, the **Career sites** dropdown list starts appearing in the **Job Postings & Services** tab of the job requisition. The admin and hiring manager will be able to select multiple career sites to post the job requisition on multiple sites. Every job by default will be posted on the default site and then on the selected multiple career sites. Also, all the deeplinks and emails that includes an URL, gets the URL of the default site.

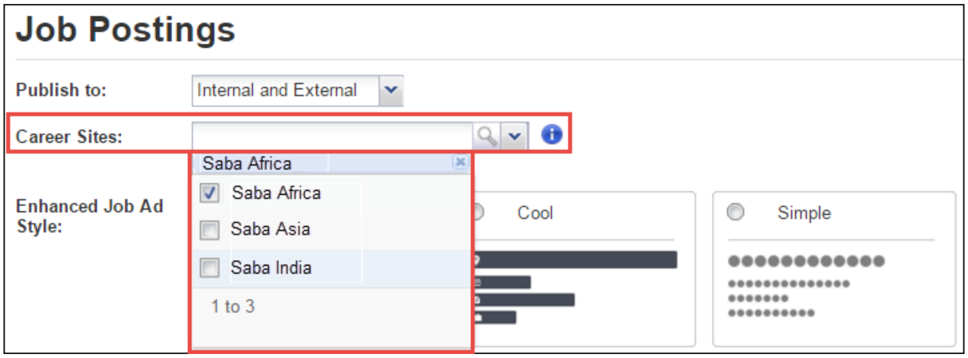


Figure 173: Job Postings & Services tab

While logging into the Career site, the user can also search for the job based on the career site's location.

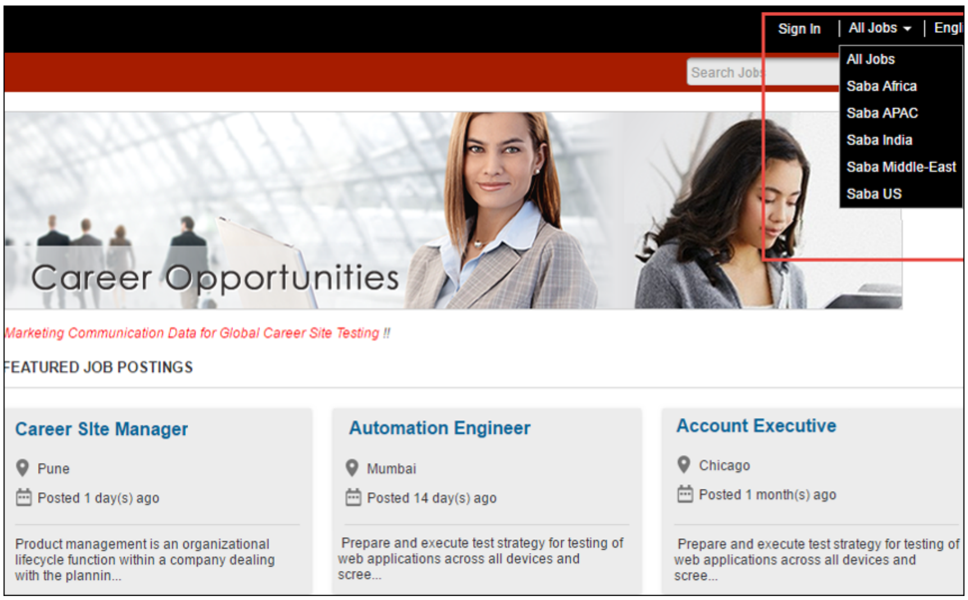
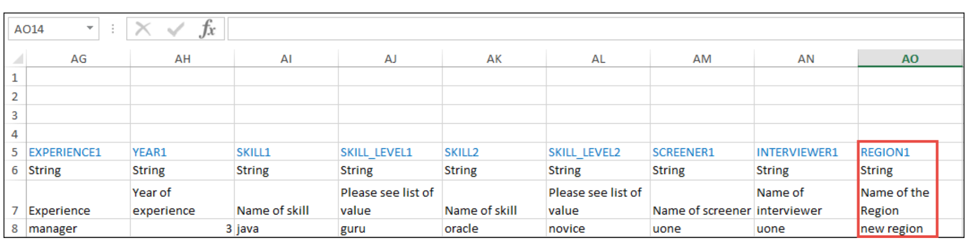


Figure 174: Career site login page

Data Import

In the job requisition import via CSV, a new column **REGION1** has been added to provide the regions where the job will be posted. The admin can mention multiple regions by separating it by commas. This column is optional. If the value is not provided, the job will be by default posted to the global region.



AO14

	AG	AH	AI	AJ	AK	AL	AM	AN	AO
1									
2									
3									
4									
5	EXPERIENCE1	YEAR1	SKILL1	SKILL_LEVEL1	SKILL2	SKILL_LEVEL2	SCREENER1	INTERVIEWER1	REGION1
6	String	String	String	String	String	String	String	String	String
7	Experience	Year of experience	Name of skill	Please see list of value	Name of skill	Please see list of value	Name of screener	Name of interviewer	Name of the Region
8	manager	3	java	guru	oracle	novice	uone	uone	new region

Figure 175: Job Requisition data file

Use case

This feature now allows recruiting administrators to post job requisitions specific to certain regions which are individually branded.

New setting to pull job description in requisition

How did it work?

When a recruiting administrator or a manager tries to create a job requisition using a template, then the job description is pulled from the template. If a new requisition is created, then the job description field is blank and there was no provision to pull this data from any source.

How does it work now?

From this update, whenever a recruiting admin or a hiring manager creates any new job requisition, the **Job Description** field on the job requisition now has the value pulled directly from the jobs defined by HR. To support this, a new setting **Do you wish to inherit Job Description from the Job defined by HR? If no, it will be inherited from the Job Req Template.** has been introduced in **Recruiting@Work + Internal Opportunities** service. By default, this setting is disabled. When this setting is enabled, the job description and key responsibilities are pulled from the job that is created by an HR (**HR** > **Manage Jobs** > **Jobs**), clubbed, and displayed under the **Job Description** on the requisition. If the HR has not mentioned any information in these fields, then the **Job Description** field in the requisition will be blank.

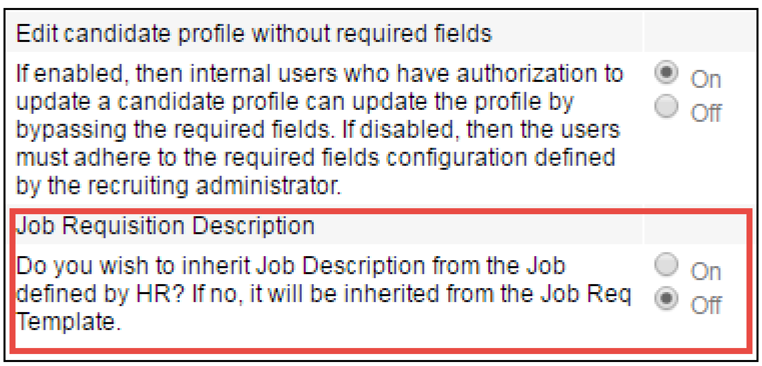


Figure 176: New setting to pull job description

If an administrator or manager tries to update the job in the existing requisition, then a confirmation message appears that asks whether you want to overwrite the existing job description from the new job or not.

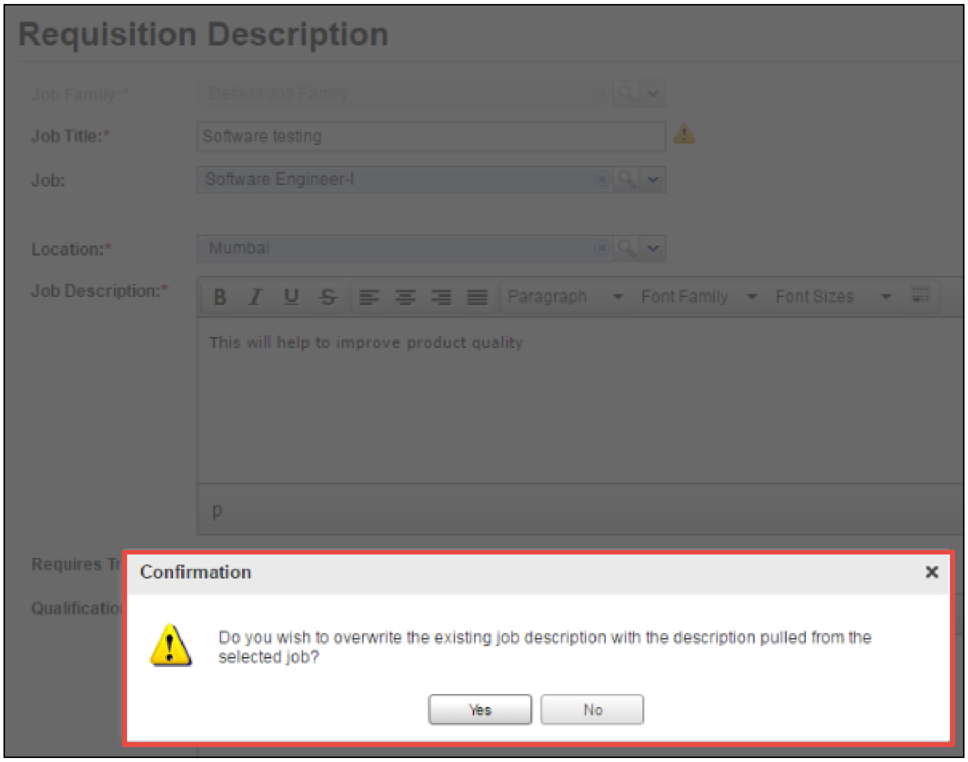


Figure 177: Confirmation message to overwrite job description

Use case

The job requisition used to inherit majority of information from the template itself. It would have been more usable if the requisition pulls the data from the job defined by the HR. Through this enhancement, the job description can now be pulled from the respective job instead of an existing requisition template, based on the business rule.

New keywords in offer letter template

How did it work?

The candidate's address fields and custom fields were not part of the offer letter since the corresponding keywords were not part of the offer letter template. In addition to this, the offer letter template had keywords related to candidate's full name instead of first name and last name.

How does it work now?

From this update, the hiring manager or recruiter can now use candidate's first name and last name instead of a full name and address keywords in the offer letter template so that the offer letter will show the corresponding details. The following keywords are now part of the offer letter template:

- @JobOffer_JobOffer_Candidate_First_Name@
- @JobOffer_JobOffer_Candidate_Last_Name@
- @JobOffer_JobOffer_Candidate_Address_Line_One@
- @JobOffer_JobOffer_Candidate_Address_Line_Two@
- @JobOffer_JobOffer_Candidate_City@
- @JobOffer_JobOffer_Candidate_State@

- @JobOffer_JobOffer_Candidate_Country@
- @JobOffer_JobOffer_Candidate_Zip_Code@
- @JobOffer_JobOffer_Custom0@
- @JobOffer_JobOffer_Custom1@
- @JobOffer_JobOffer_Custom2@
- @JobOffer_JobOffer_Custom3@
- @JobOffer_JobOffer_Custom4@
- @JobOffer_JobOffer_Custom5@
- @JobOffer_JobOffer_Custom6@
- @JobOffer_JobOffer_Custom7@
- @JobOffer_JobOffer_Custom8@
- @JobOffer_JobOffer_Custom9@

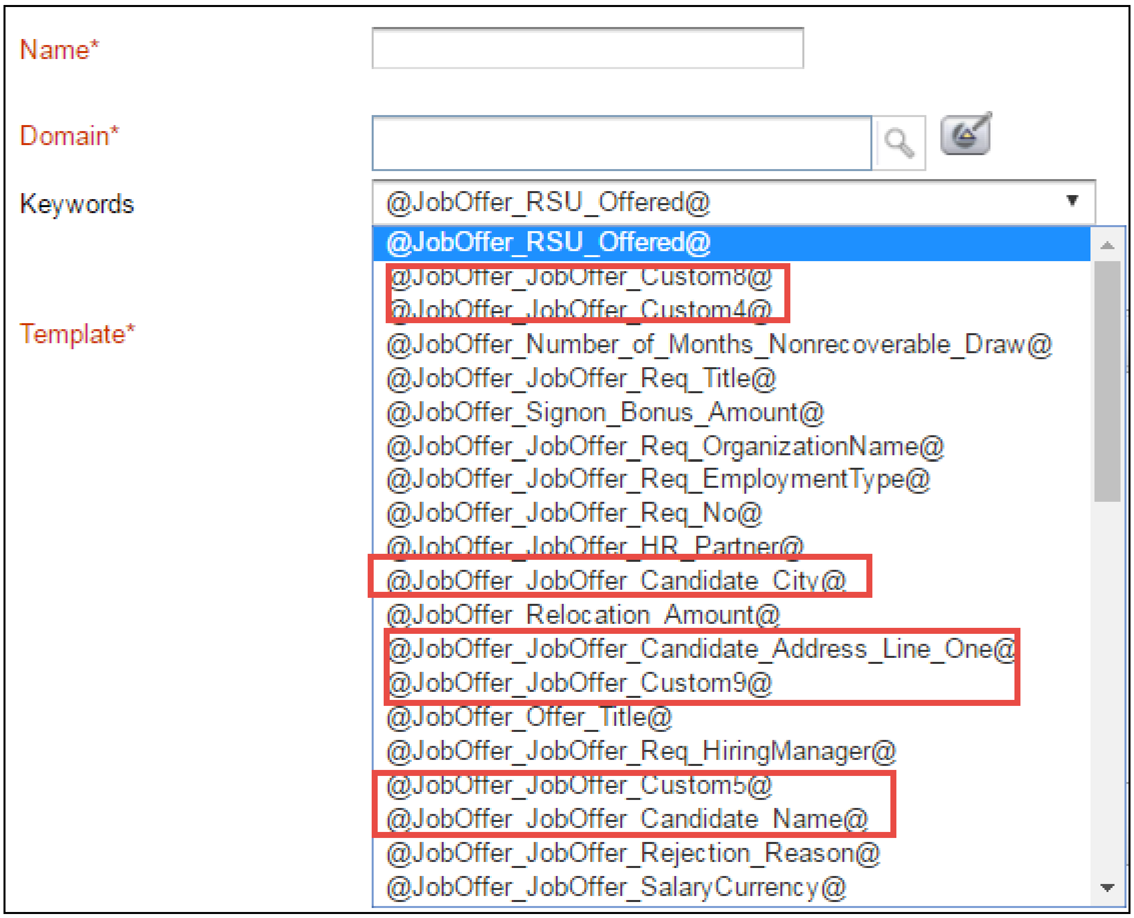


Figure 178: New keywords for offer letter

If the above keywords are added to the offer letter template, then when the hiring manager or recruiter appends this letter template to the offer, the name, address, and custom details from the **Candidate Information** tab will be shown in the offer letter.

Use case

The users will now be able to use the full fledged offer letter wizard to generate offer letters for the candidates.

Smarter one click approval from email

How did it work?

There were security issues with the job requisition and the job offer approval notifications.

How does it work now?

In this update, one time certificate functionality has been introduced for the job requisition and job offer deeplinks within the notifications, where once the certificate (associated with the deeplink) is used, it expires.

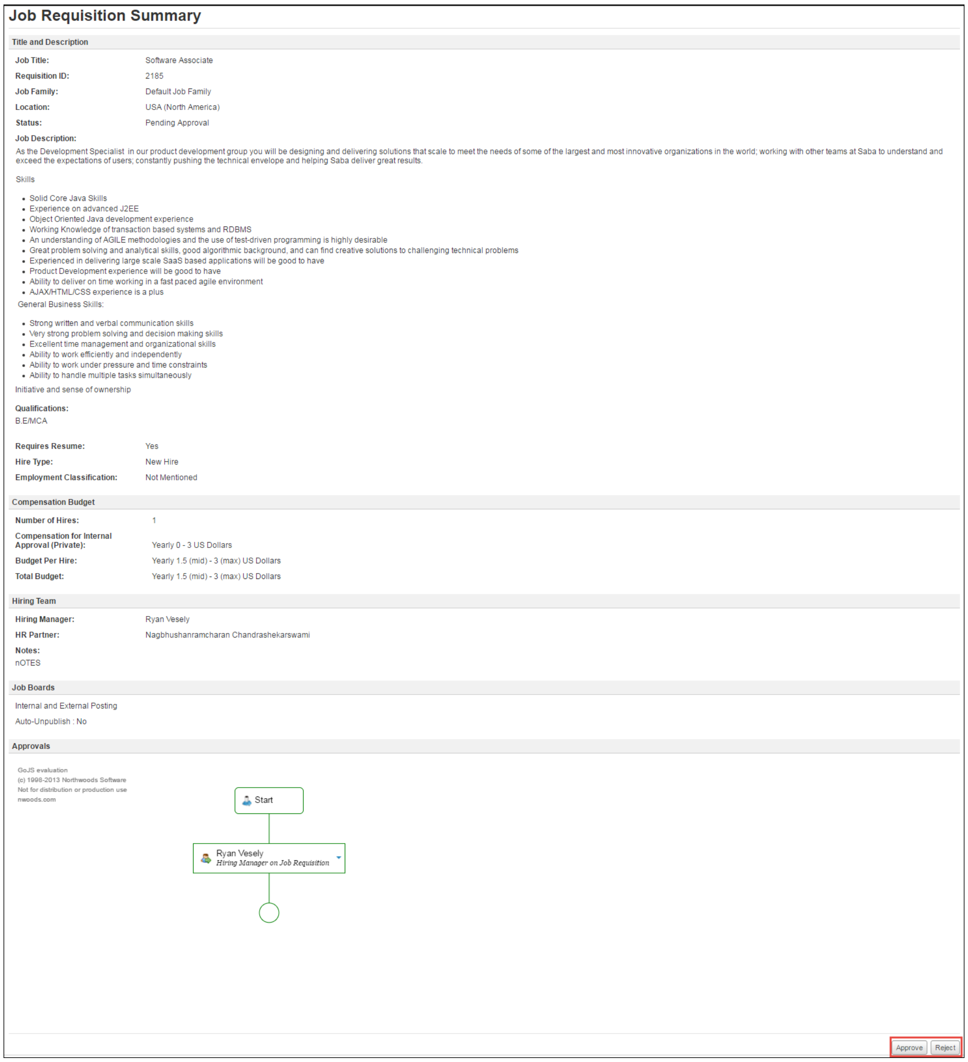


Figure 179: Job requisition summary

When the approver clicks the job requisition/job offer deeplink from the notification, the requisition summary/offer summary page opens without the navigation panel and control panel. The logged-in user's information will not appear on the top. The approver can either approve or reject it.

Note: The approver must not forward such emails to another user. A disclaimer is mentioned in the notification emails too.

Once the approver takes any action, he/she is logged out from the system. Also, the certificate also expires, which means if the approver clicks on the same certificate again, then he/she needs to log into the application. The same thing happens when the approver duplicates the browser page after taking any action.

Figure 180: Job requisition notification

Use case

The security breach can now be minimized if the email is accidentally forwarded to any other user. This feature will enhance the security around unauthorized access of the one click URL (attached with authorized user's auto-login certificate).

Manage onboarding forms in HR admin flow

How did it work?

The recruiting administrator could view candidate's shared and personal type of onboarding forms by navigating to **HR** > **Manage Onboarding Forms**.

How does it work now?

The recruiting administrator can now only view **Global** type of onboarding forms by navigating to **HR** > **Manage Onboarding Forms**. Also, the documents are sorted in alphabetical order.

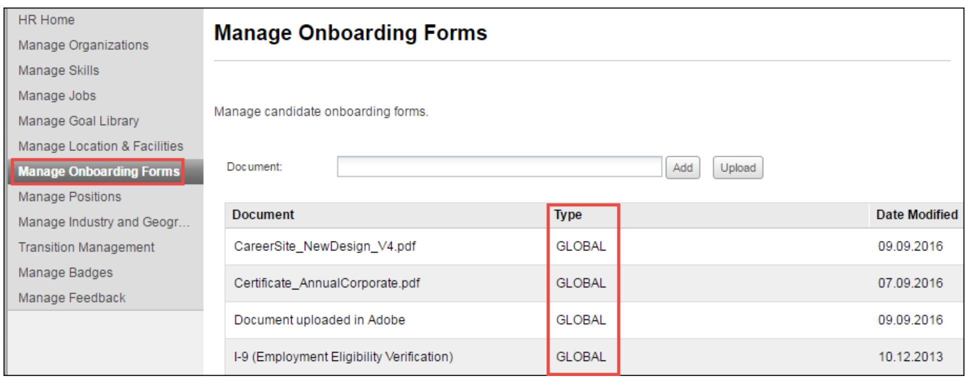


Figure 181: Onboarding forms

Use case

This feature will help in maintaining the privacy of the documents, hence only Global type of documents will be visible to the recruiting administrator.

Reposition Terms and Conditions

How did it work?

There was a need to reposition the Terms and Conditions section to make it a conspicuous hyperlink.

How does it work now?

The following changes are made on the Career site:

1. The **Complete form to apply** link is now changed to a button on the Career site Login page.
2. The position of the **Terms and Conditions** hyperlink has been changed. This is applicable to all the Career site login pages where Terms and Conditions appear.

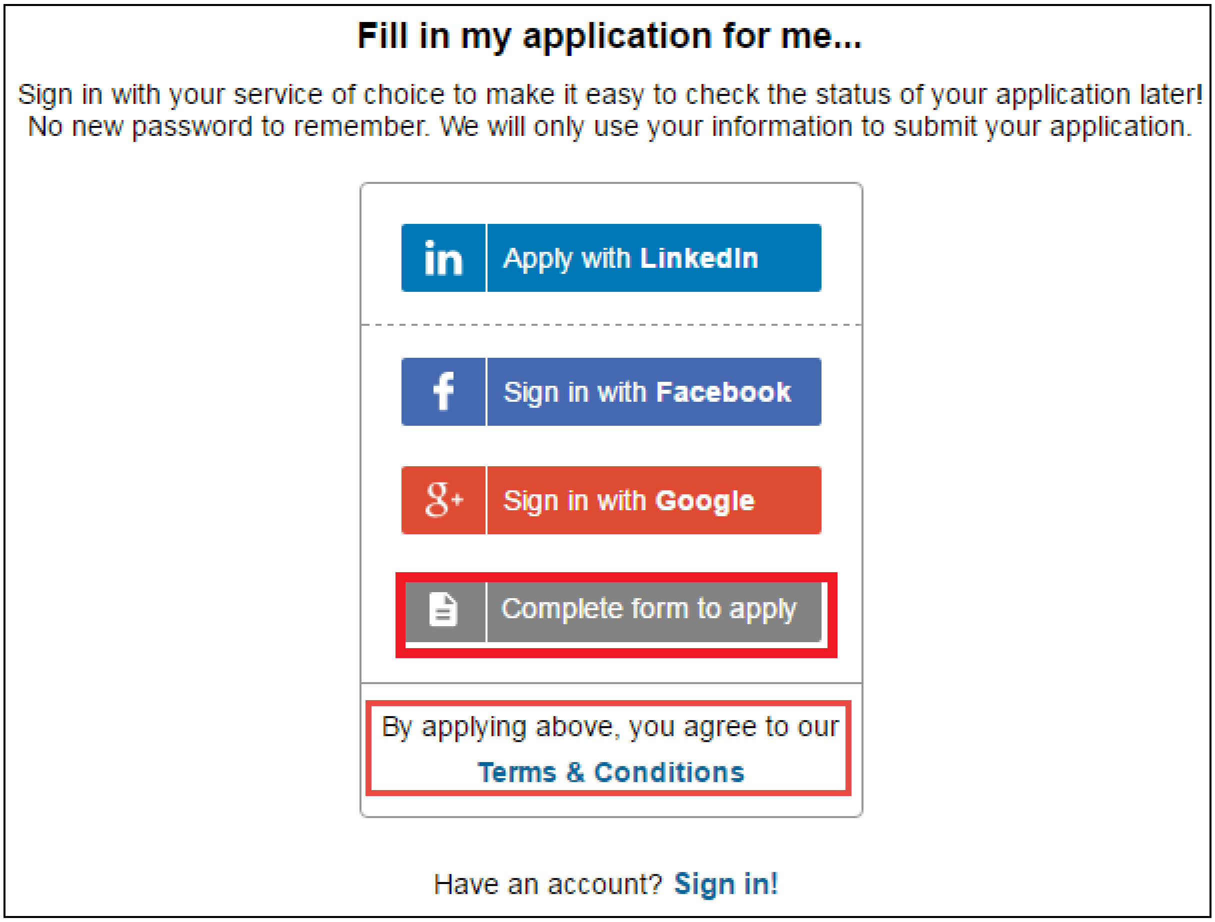


Figure 182: Login page after applying for job

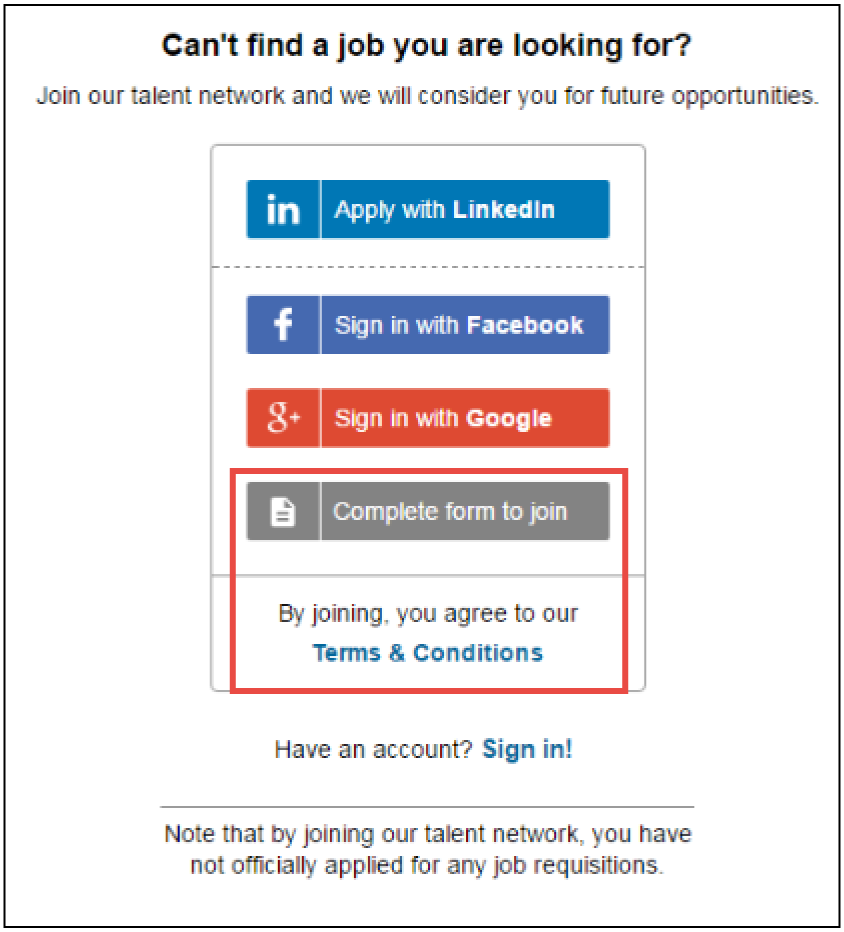


Figure 183: General resume submission view

3. The Login page is now updated.

Note: The text **Apply with** and **Sign in!** can now be localized.

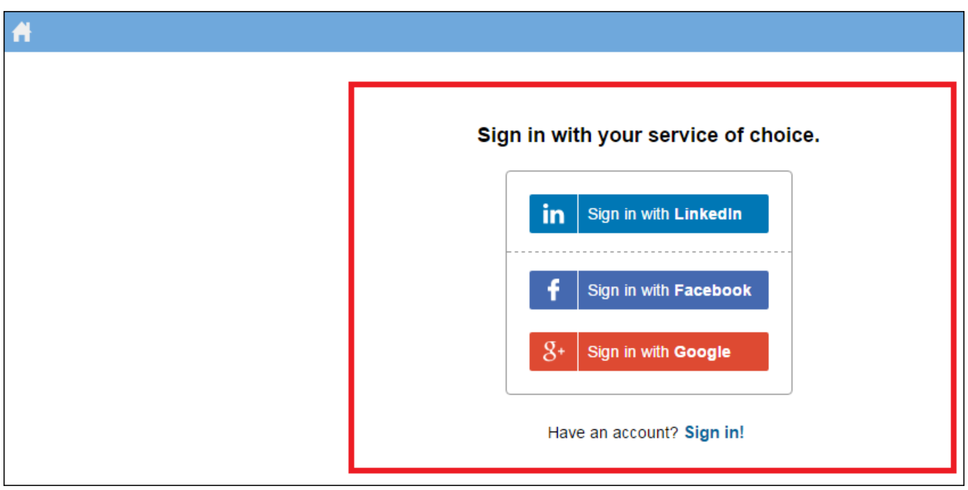


Figure 184: Career site Login page

Use case

The **Terms and Conditions** link is now a conspicuous hyperlink under the browse-wrap agreement policies.

UI enhancements on the Hiring Team page

How did it work?

Prior to this update, the following actions were performed on the Hiring Team page:

1. Once the hiring manager or recruiter creates an offer for candidate, the candidate cannot be marked as hired until the candidate is in **Offered** state.
2. Once an offer is sent to the candidate, the candidate could view the offer in Career site. But, as soon as the candidate is marked as hired, he/she was not able to view the offer.
3. Once the candidate is hired, there was no provision to reject the candidate.
4. View assessments link is not shown in **More actions** corresponding to the candidate once the requisition is closed.

How does it work now?

The following enhancements are made on the Hiring Team page:

1. Once the hiring manager or recruiter creates an offer for the candidate, they can hire the candidate once the offer is approved by approvers. The **Mark hired** link will appear in the **More actions** even when the candidate's status is in **Offer Approved** state.

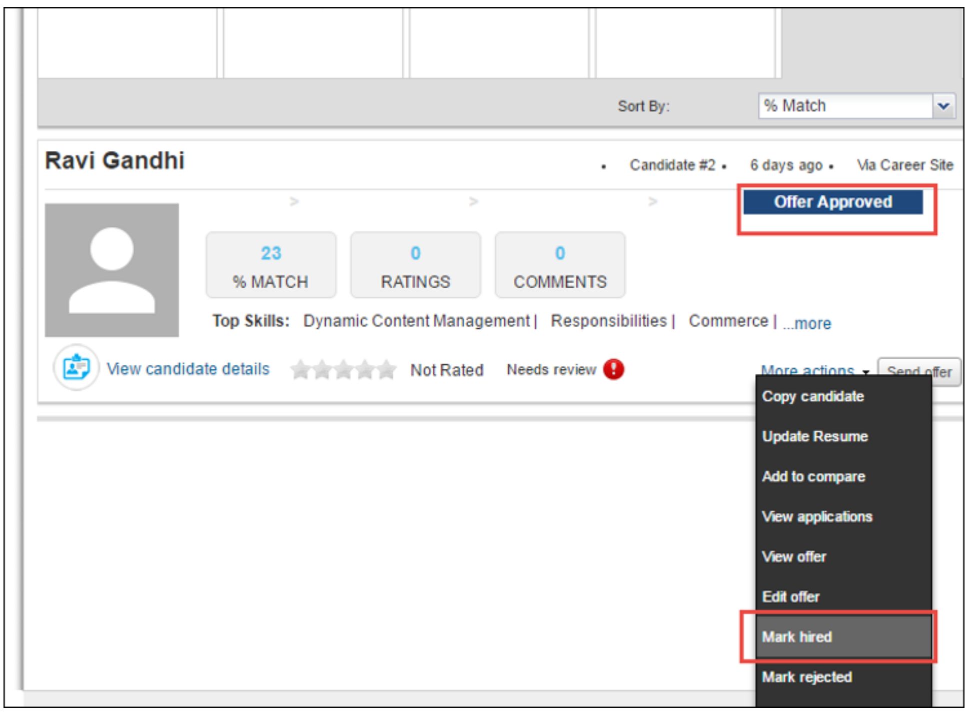


Figure 185: Mark hired candidate in Offer Approved state

2. Once the candidate is marked as Hired, the candidate will be able to view the offer on the Career site > **My Job Applications** page. A **View offer** button will be shown next to the requisition that will preview the offer to the candidate.

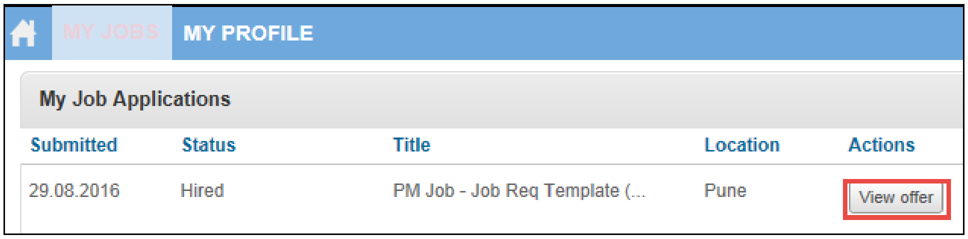


Figure 186: Hired candidate can view offer

3. Once the candidate is hired, a recruiter or hiring manager can reject the candidate since it is quite possible that the hired candidate accepted the offer but did not join the company. Once the candidate is marked as **Rejected** after hiring, then the **Mark Interested-Medium** action will not be visible. These candidates will not be processed further for the same job requisition but can be copied to some other job requisition.

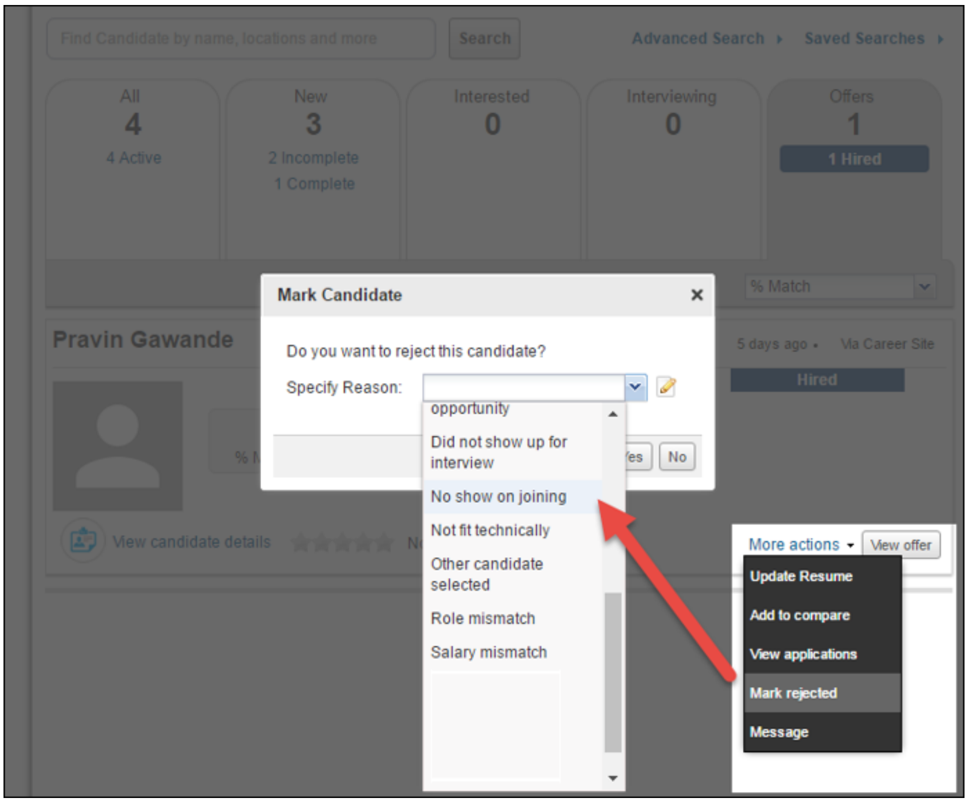


Figure 187: Reject hired candidates

4. **View assessments** link is now shown in the **More actions** corresponding to the candidate irrespective of the requisition's status.

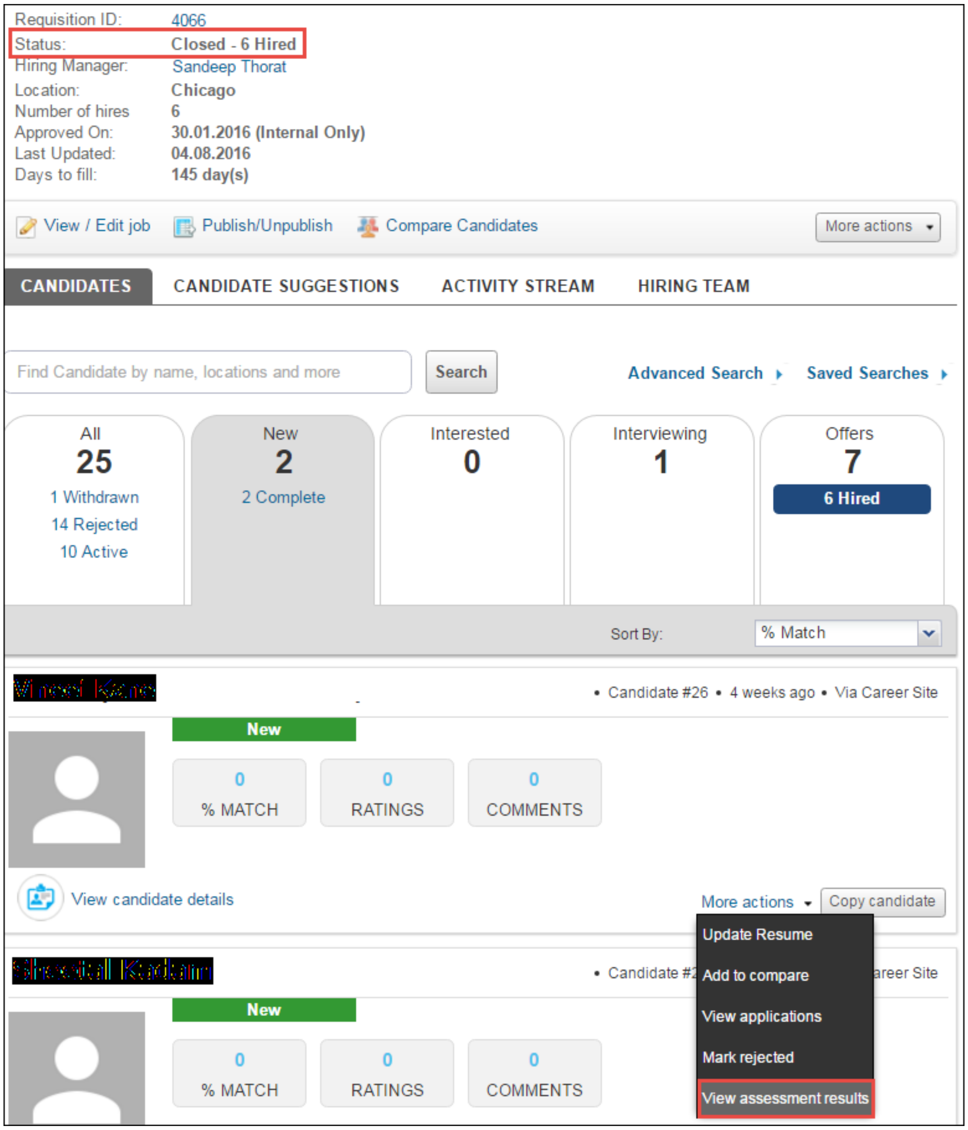


Figure 188: View assessments for any type of requisitions

Use case

This improves the usability on the Hiring Team page.

Chapter 10

Compensation

Topics:

Send notifications when compensation letter is published

How did it work?

Currently, when compensation letters are published to managers and released to employees, there is no communication sent to either a manager or the employee.

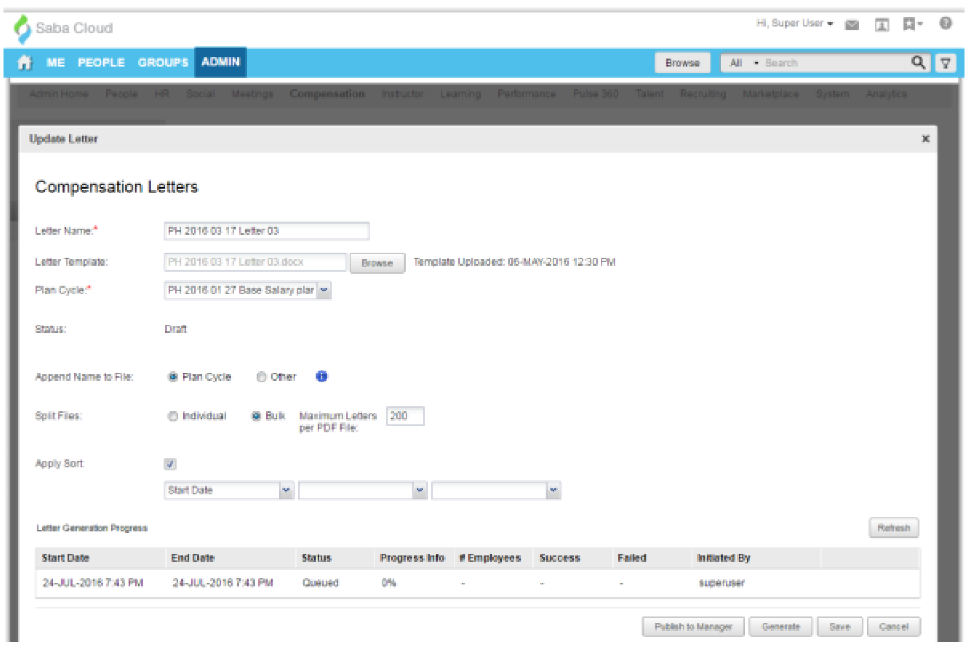
How does it work now?

In this release, a new feature enables this. When the compensation administrator publishes the Compensation Letter to a manager, and when the administrator releases the compensation letter to an employee, a notification is sent via email to the manager and the employee respectively.

Manager

Compensation administrator clicks on **Publish to Manager**.

Figure 189: Publish to Manager

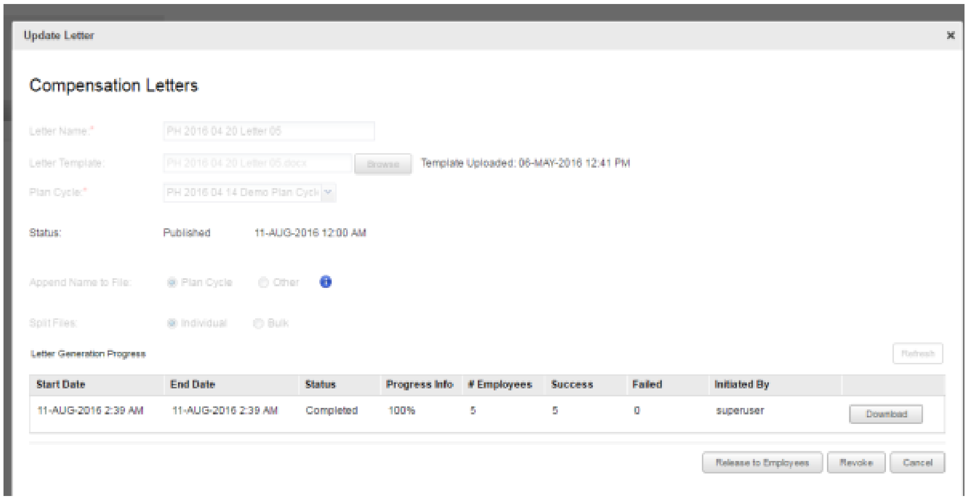


All managers associated with that plan will receive a notification via email.

Employee

Compensation administrator clicks on **Release to Employee**

Figure 190: Release to employee



All employees from the manager's team who are eligible to receive the compensation package will receive a notification via email.

Note: In a situation where a manager has several direct reports who are all eligible for a certain compensation plan, when you publish the compensation letter, the manager will only receive a single message.

If the administrator revokes the compensation letter by clicking **Revoke**, the notifications to the manager and the employees will not be sent. When the administrator is ready to republish the Compensation Letter, he needs to click on **Publish to Manager** again to republish. Similarly, administrator clicks on **Release to Employees** again to notify the employees.

Use case

This update enables the notification to be sent to a manager when the Compensation Letter is published to a manager and when it is released to an employee. This enables better communication among managers, employees and administrators.

Import and export plan cycle worksheets

How did it work?

Prior to this release, when creating worksheets for a compensation plan, compensation administrators had to manually copy their plan settings and worksheet configurations to a new plan they needed to create. This manual process is tedious and sometimes lead to errors.

How does it work now?

In this update a new feature has been added to the worksheet page which allows a Compensation administrator to import and export an existing plan cycle worksheet in a simple and automated method.

Import and Export steps:

To download an existing worksheet that you choose to import to a new plan cycle:

1. Navigate to **ADMIN**>**Compensation**>**Plan Cycles**>**All Plan Cycles**
2. Search for the specific Plan Cycle and click to open the Plan Cycle.
3. From the Worksheet tab, select the component that you choose to export.

4. Click **Download**.

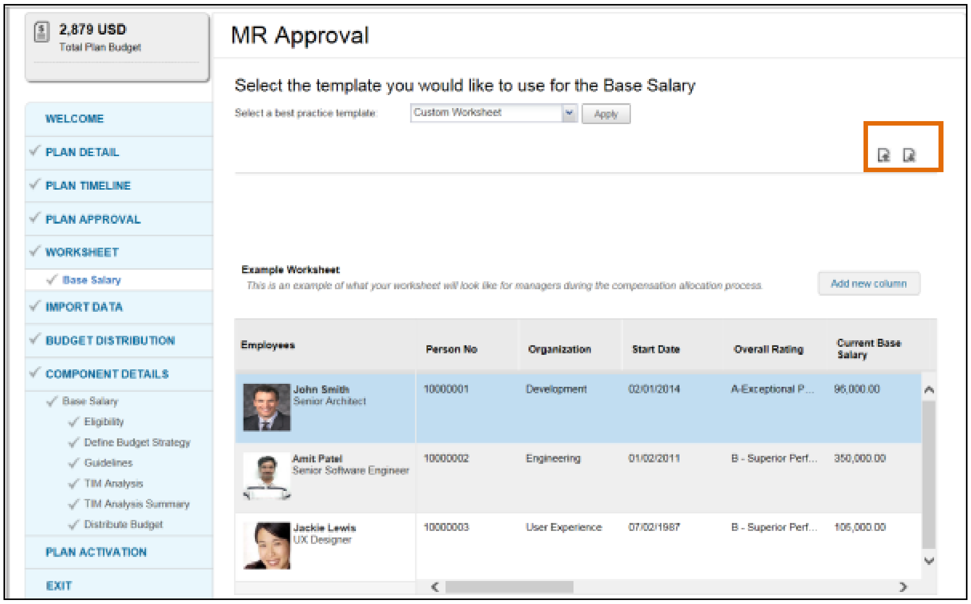


Figure 191: Import and export options for plan cycle worksheet

To upload the desired worksheet to a new Plan cycle on the new tenant:

1. Navigate to **Plan Cycle**>**Worksheet**>**Component**
2. Click **Upload**. The Upload Worksheet pop-up screen opens.
3. Browse and select the file to upload and click **Upload**. The plan cycle page will now display the new worksheet.

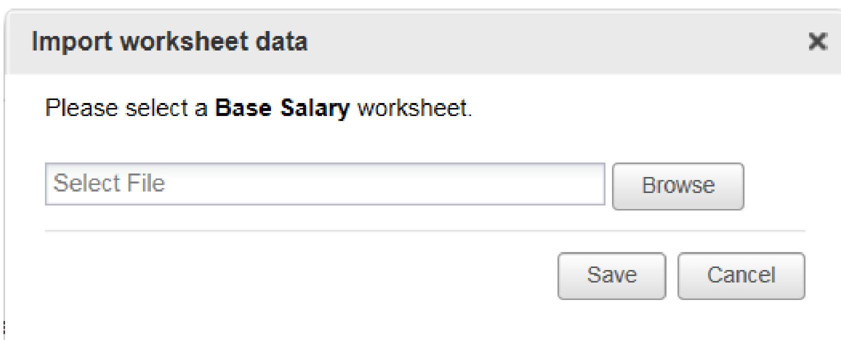


Figure 192: Browse to select file

Use case

Compensation administrators can now import and export Plan Cycle worksheets from a previous plan and use it for deployment on a new production environment. This method of using an existing worksheet saves a lot of time and effort for the compensation administrators and minimizes errors when manual process is involved.

Freeze header row in manager's worksheet

How did it work?

Currently, Compensation Managers cannot see headers, columns and labels simultaneously while scrolling on worksheets with many entries.

How does it work now?

In this release, this interface has been improved. The header row and the first column containing employee names are kept visible when using the scroll bars. The vertical scroll bar helps to move up and down the list of entries below the header row and the horizontal bar allows navigation left to right adjacent to a fixed column of Employee names.

This improvement provides more flexibility for a manager to scroll through a large list of data and to efficiently locate relevant information - thereby eliminating accidental errors and deletion of data.

Employees	Currency	Person No	Organization	Start Date	Overall Rating	Current Base Salary	Base Sala Market Midpoint
grunt245_m17_np1 grunt245	USD	00201613	Comp_Def_O...	01/01/1900	0,00	75.750,00	100.00
grunt246_m17_np1 grunt246	USD	00201614	Comp_Def_O...	01/01/1900	0,00	138.150,00	100.00
grunt247_m17_np1 grunt247	USD	00201615	Comp_Def_O...	01/01/1900	0,00	109.750,00	100.00
grunt248_m17_np1 grunt248	USD	00201616	Comp_Def_O...	01/01/1900	0,00	52.750,00	100.00
grunt249_m17_np1 grunt249	USD	00201617	Comp_Def_O...	01/01/1900	0,00	69.250,00	100.00
grunt250_m17_np1 grunt250	USD	00201618	Comp_Def_O...	01/01/1900	0,00	145.500,00	100.00
grunt251_m17_np1 grunt251	USD	00201619	Comp_Def_O...	01/01/1900	0,00	103.950,00	100.00
grunt252_m17_np1 grunt252	USD	00201620	Comp_Def_O...	01/01/1900	0,00	87.450,00	100.00
grunt253_m17_np1 grunt253	USD	00201621	Comp_Def_O...	01/01/1900	0,00	142.700,00	100.00
grunt254_m17_np1 grunt254	USD	00201622	Comp_Def_O...	01/01/1900	0,00	98.350,00	100.00
grunt255_m17_np1 grunt255	USD	00201623	Comp_Def_O...	01/01/1900	0,00	149.100,00	100.00

Figure 193: Worksheet showing slide bar

Use case

N/A

Delete Compensation Plan Cycles

How did it work?

Until this release, Compensation administrators could not delete Plan Cycles that were no longer needed.

How does it work now?

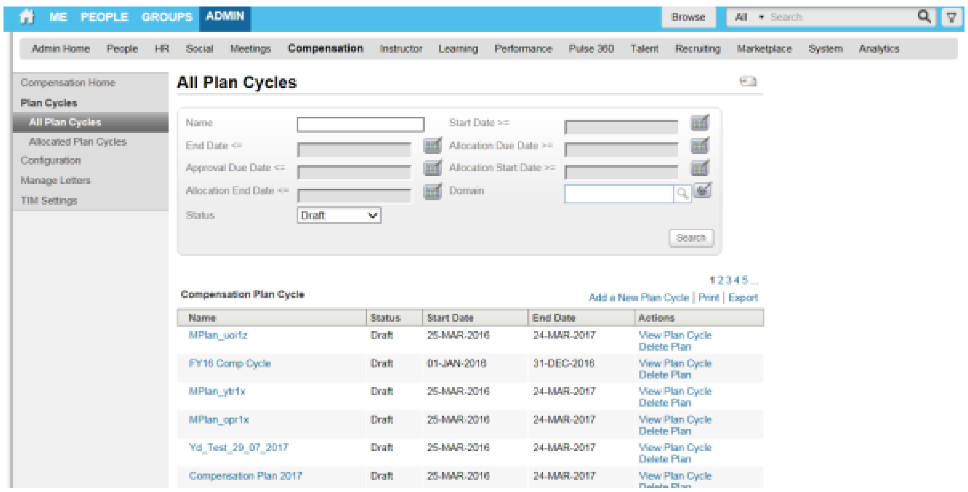
Starting from this release, Compensation administrators can delete Plan Cycles that are no longer needed in the system.

Note: Plan cycles can be deleted only when they are in Draft or Cancelled state.

To delete a Plan cycle:

1. Navigate to All Plan Cycles page.
2. Choose either **Draft** or **Cancelled** from the **Status** option.
3. Search for the specific Plan Cycle that needs to be deleted.
4. Click on **Delete Plan Cycle** from **Actions**.
5. A warning message will display to indicate that you are about to delete the Plan Cycle.
6. Click **OK**, and the selected **Plan Cycle** will be deleted from the list.

Figure 194: Delete a Plan Cycle



Use case

Compensation administrators needed the ability to remove from the system old and incomplete Plan Cycles that were no longer relevant to their scenario. By enabling this option, they are now able to work with more relevant data and a less cluttered environment.

Support for string translation in Compensation

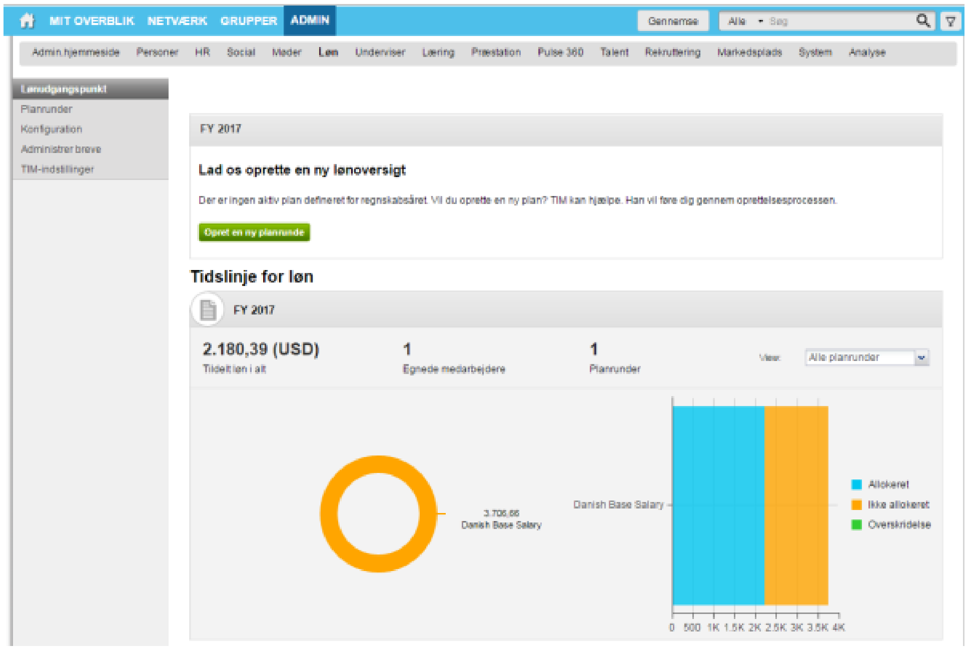
How did it work?

Until this release, support for string translation was not available in Compensation module.

How does it work now?

Starting from this release, when users log in to Saba Cloud Compensation module using a non-English locale, they will see all the strings translated into their locale.

Figure 195: Compensation Dashboard page localized



Use case

Non-English speaking users can now use Compensation module in their preferred locale, provided, it is one of Saba Cloud's supported languages.

I18N support for Plan Cycle names and descriptions

How did it work?

NA

How does it work now?

Starting from this release, Compensation Administrators can provide Plan Cycle names, Plan Component names and the description text for the Plan cycle, with their locale name.

Steps to localize Plan Cycle names and description

1. Navigate to: **Admin**>**Compensation**>**Plan Cycles**> **Add a New Plan Cycle**> **Guide Me**

   The **Plan Detail** page will display.

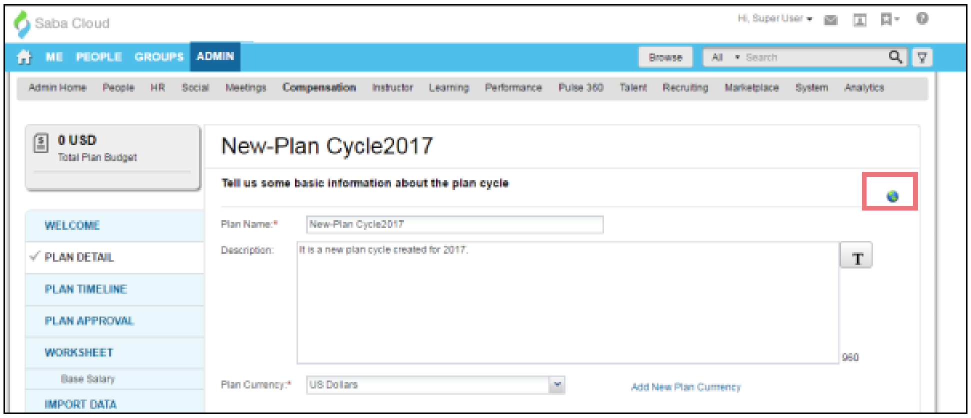
2. On the **Plan Detail** page, enter the **Plan Name** and the description for the plan.
3. Enter other required field data and click **Continue**.

   You will see the **Plan Timeline** page.

   From this page, you need to go back to the **Plan Detail** page where you will see a **Globe** icon added to the top of the page.

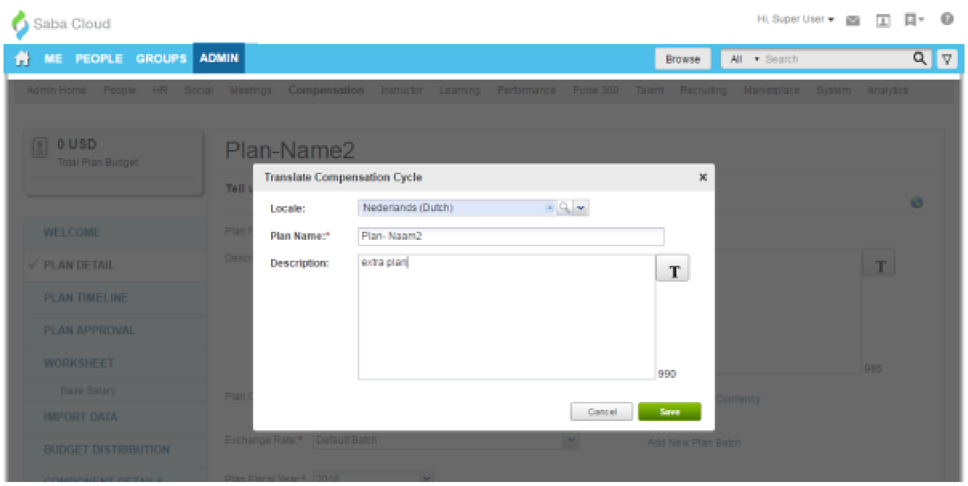
4. Click on this **Globe** icon.

Figure 196: Globe icon shown on Plan Cycle Details page



The Standard EXTJS I18N Translate screen launches.

Figure 197: Translate Plan Details to Selected language



In this screen, you select the language to which you want this Plan cycle name and description content translated.

1. Enter the **Plan Cycle** name in the selected language and add the description details as well.
2. Click on **Save**.

The Plan cycle name in the locale selected will be used in all subsequent references in the plan.

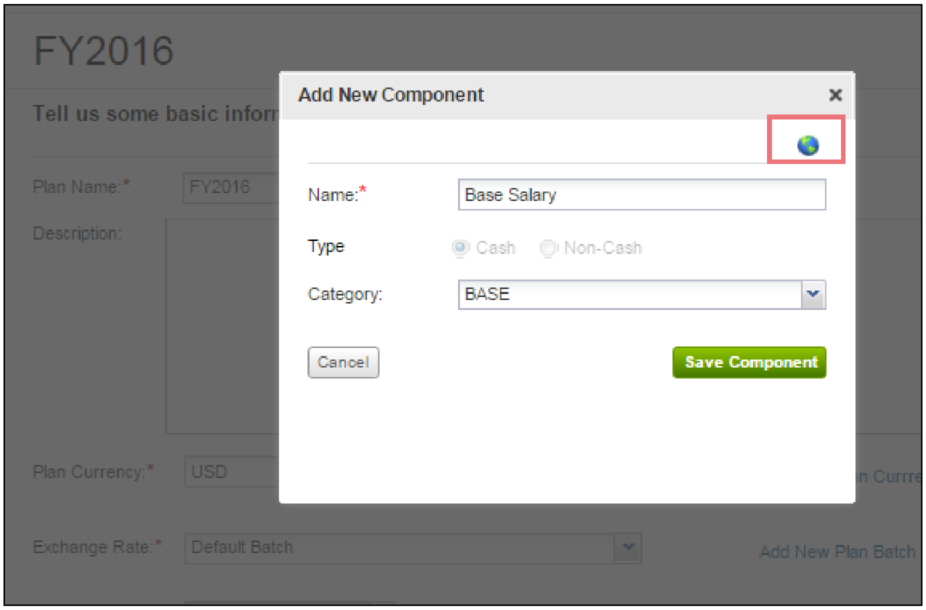
Steps to translate the Component name on a Plan Cycle:

1. Navigate to the **Plan Detail** step in the **Plan Cycle** wizard.
2. From the list of components, choose the component name that you need to translate.
3. Click **Edit**.

   The Add New Component screen will open with the component name displayed.

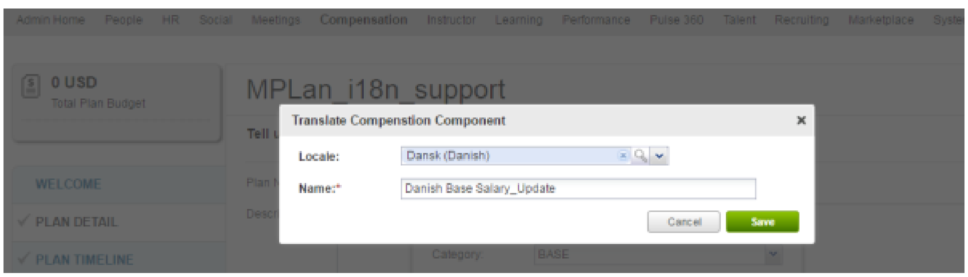
4. Click on the **Globe** icon located at the top right corner.

Figure 198: Component Name screen showing the Globe icon



You will see the **Translate Compensation Component** screen.

Figure 199: Translate Compensation Component name to Selected language



In this screen, you will select the language to which you want the component name translated.

1. From the drop down option for the Locale, select the locale name.

   The component name in the specified language will be added to the Name field.

2. Click on **Save**.

   The component name will appear in the translated language in subsequent references within the plan.

Use case

Compensation administrators can now create plan cycles for different locale for different regions.

Localization support for Library Fields

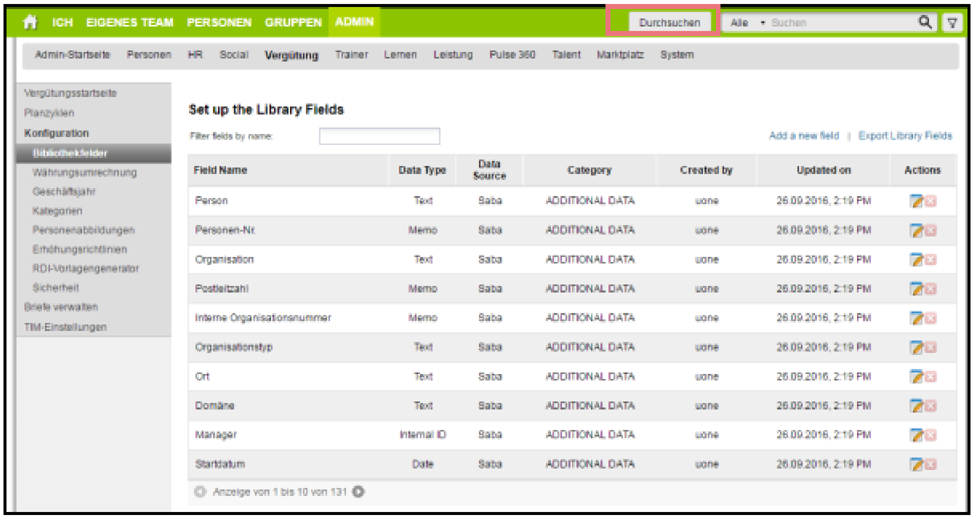
How did it work?

NA

How does it work now?

Saba Cloud provides OOB (out-of-the-box) translations for OOB fields in the OOB locales for Compensation. When you log into the application using a locale that is different from English and if that locale is supported by Saba Cloud, the library fields will be displayed in that locale. Additionally, you can see the OOB fields in the user's local language in Analytics reports as well.

Figure 200: Library fields names in selected locale



Field descriptions support UTF8 characters, but field display names are restricted to ASCII letters and digits.

The table below presents the locale names supported in Saba Cloud:

Locale Name	key word entry
Arabic	ar_SA
Bulgarian	bf_BG
Chinese	zh_CN
Chinese Traditional	zh_TW
Czech Republic	cs_CZ
Danish	da_DK
Dutch	nl_NL
English (Britian)	en_GB
French Canadian	fr_CA
French	fr_FR
Finnish	fi_FI
German	de_DE
Greek	el_GR
Hungarian	hu_HU
Hebrew	he_IL
Italian	it_IT
Japanese	ja_JP
Korean	ko_KR

Locale Name	key word entry
Malay	ms_MY
Norwegian	no_NO
Polish	pl_PL
Portugese Brazilian	pt_BR
Portugese	pt_PT
Russian	ru_RU
Spanish	es_ES
Spanish Mexican	es_MX
Swedish	sv_SE
Slovak	sk_SK
Turkish	tr_TR
Thai	th_TH
Ukranian	uk_UA
Vietnamese	vi_VN

Use case

This story enables compensation administrators, managers and employees to see labels of compensation amounts (i.e. library field names) in their own language.

Translation support for compensation categories

How did it work?

NA

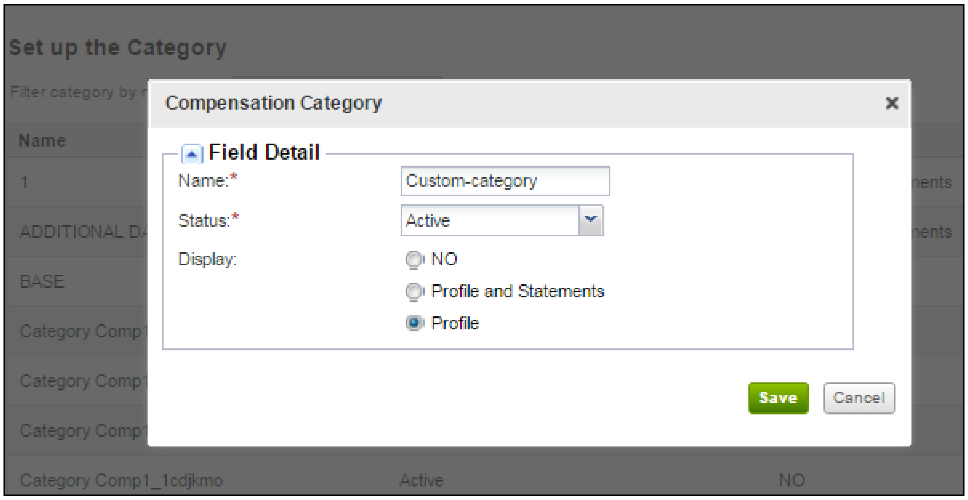
How does it work now?

Starting from this release, Compensation users can define their own locale names for Compensation Categories both custom and out of the box.

Steps to localize Compensation Category names.

1. Navigate to: **Admin**>**Compensation**>**Configuration**> **Categories**>
2. Click on **Add New Categories** link.
3. On the **Compensation Category** screen, under Field Details, enter the **Category Name**.
4. Select the status >**Active** or **Inactive**. Only Active categories will be displayed on the Library Fields page.
5. Select the Display options: No, Profile and Statement or Profile option.
6. Click **Save**.

Figure 201: Add new Category



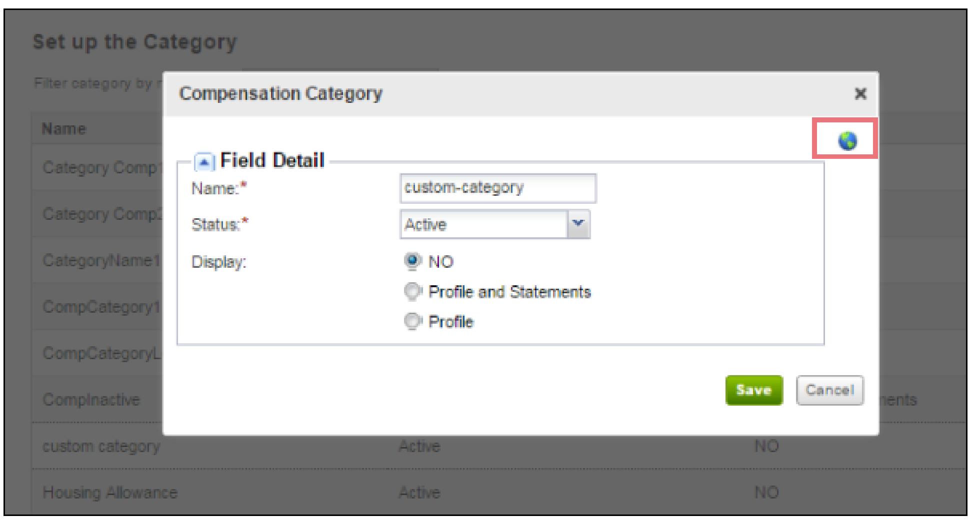
The new category will be added to the list of categories.

To add your locale name to this custom category:

Click on the **Edit** icon under Actions for the category you created.

You will see a Globe icon added to the top of the page.

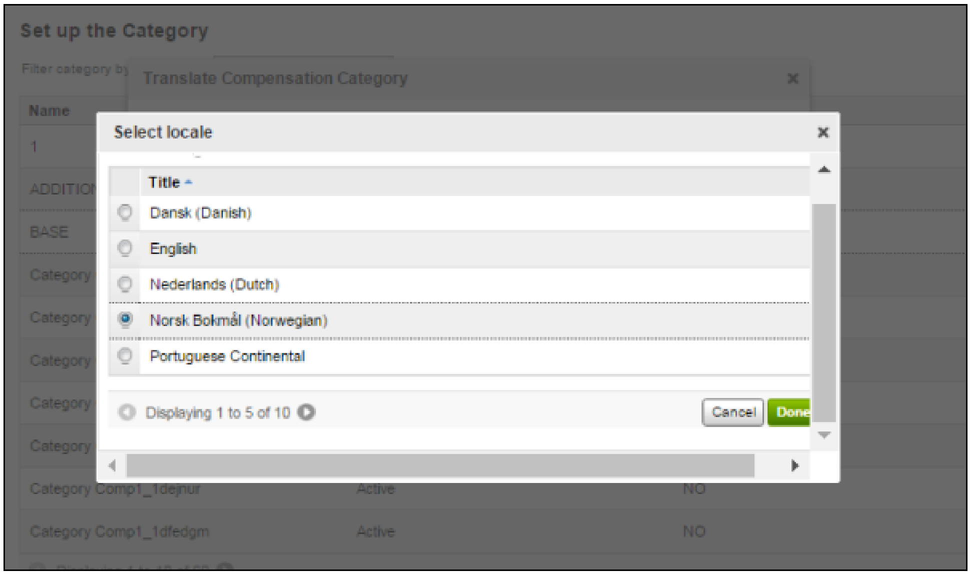
Figure 202: Compensation Category page with globe icon



Click on this **Globe** icon to launch the Standard EXTJS I18N Translate screen.

In this screen, select the language to which you want the Category name translated.

Figure 203: Select Language for Translation



Enter the new name in the selected language and click on **Save**.

The Category name in the selected locale will display according to the options chosen when created.

You will follow similar steps to translate the out of the box category names to local languages.

Use case

Users can localize the category names for out of the box category names and for custom created category names and the translated names will be part of the employee history section and profile page as well as the library fields when logged in that locale.

Comment field added

How did it work?

Prior to this release, managers and approvers could not add appropriate comments and notes on employees when making budget calculations and compensation plan decisions. Existing options were limiting and without a proper mechanism to keep a record of these observations and notes.

How does it work now?

In this update, the comment field has been enhanced to address this. Now, all out of the box templates have comments field added and during plan cycle creation, an admin can add the comment field from the library to be included in the worksheet.

Note: During compensation historical data import via RDI template, comments cannot be imported; they can be added as a text field using the library fields.

Note: When using worksheet export feature, comments are also exported and the modifications to the comment are also available in the audit log option.

On the worksheet, comment column is available for each user and anyone who has view access to the manager's worksheet will be able to view all comments for that person. For each field, a maximum of 1020 characters are allowed. Clicking on the comment icon will display all comments in reverse chronological order and each comment will display the text, the date/time it was last updated, name of the person who added the comment, and the name of the person who updated it. If a comment has not been updated or edited, then, the date/time it was created will display.

Based on the security privileges, add, edit and delete options will also display.

On the worksheet page for each employee under comments column either the + sign icon or a comment icon will display. The + sign icon means no comment has been added yet for this employee; the comment icon means at least one comment is added for this employee. You can view the existing comment by clicking the comment icon.

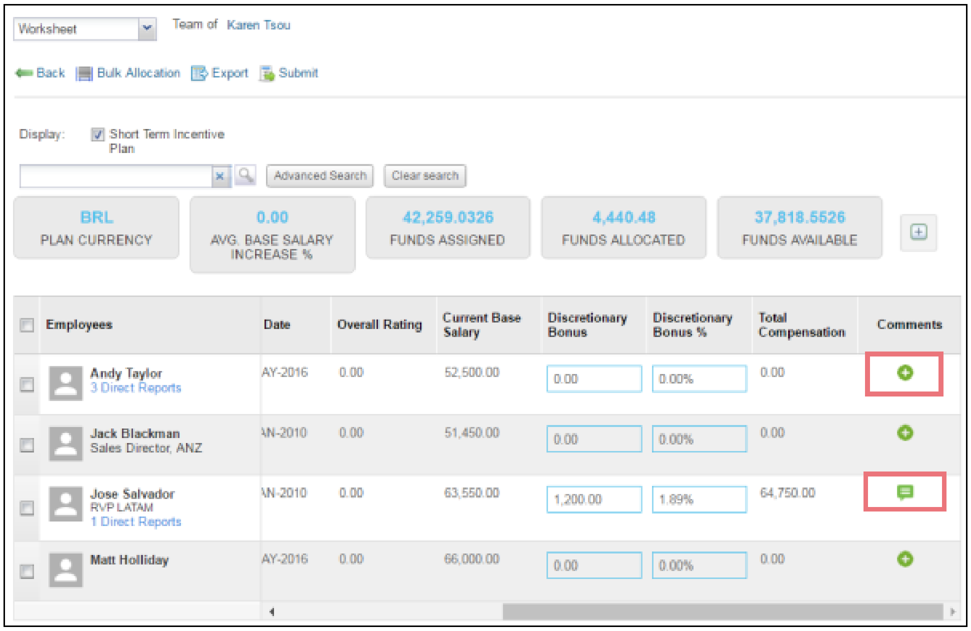


Figure 204: Worksheet with comments column

To View comments added on the worksheet page:

Click on the comments icon against the employee's name. The comments screen will display the comments added for that person with the following details:

- The comment text
- Created By, Edited By and Last Updated on
- The Edit and Delete options show if you have the privilege to edit and delete.

Note: If you have the privilege to edit values on the worksheet grid (in any fields that are designated as **editable**), then you also have the privilege to create comments, and to edit and delete your own comments. (Compensation admin and HRBP can also edit and delete comments created by other users.)

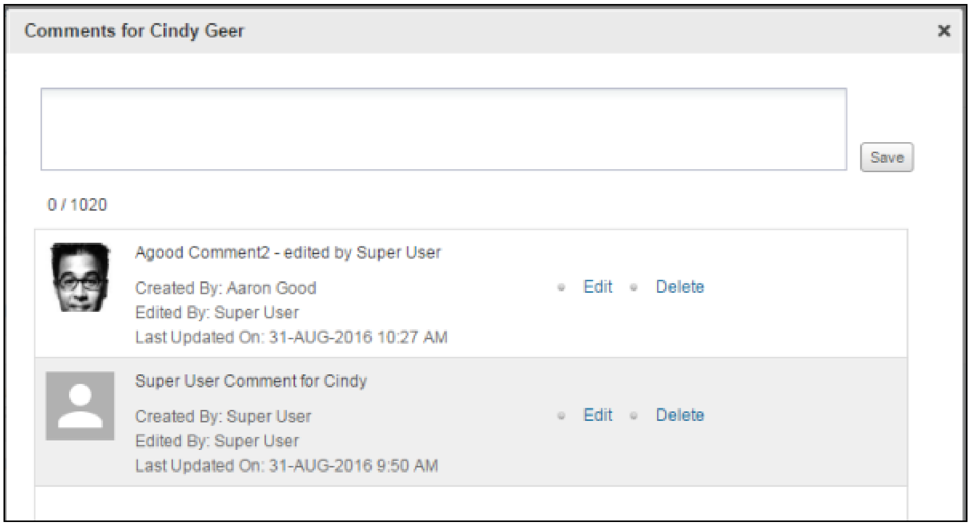


Figure 205: View comments

In the comment text box at the top, you can also add your comments and save.

To add a new comment:

1. Click on the **+** sign next to the person that you want to add your comments. (Or, click on the **Comment** symbol, if you are adding a comment for an employee who already has one or more comments).
2. The comment screen will display.
3. Enter your comments and save.

Figure 206: Add new comments

Edit and delete privileges for comments are given only on the security based allocation and the worksheet status.

- Compensation Admins - can edit comments on any status of the worksheet **except the Completed** status.
- HRBP - can edit comments on any status of the worksheet **except the Completed** status.
- An allocated manager - can edit the comments only in the **Allocation in Progress** status and **Returned to Manager** status.
- An Approver - can edit comments during **Awaiting Approval** status of the worksheet.

  An approver's ability to edit depends on the worksheet status and whether the **Approver can edit allocation values** policy for the plan cycle is turned on.

Use case

Compensation managers and approvers can include comments in the worksheet that they are authorized to view and edit. This feature provides a mechanism to record details associated with compensation decisions made for each member in an organization.

Out of the Box notifications to display text

How did it work?

Until this release, out of the box notifications did not contain any text or attachments.

How does it work now?

Starting from this release, when notifications are triggered, messages associated with each notification will be displayed.

Example:

Notification Name: Compensation Plan Assigned

Message Subject Line: Compensation Plan Assigned

Target Audience: Managers

Email text:

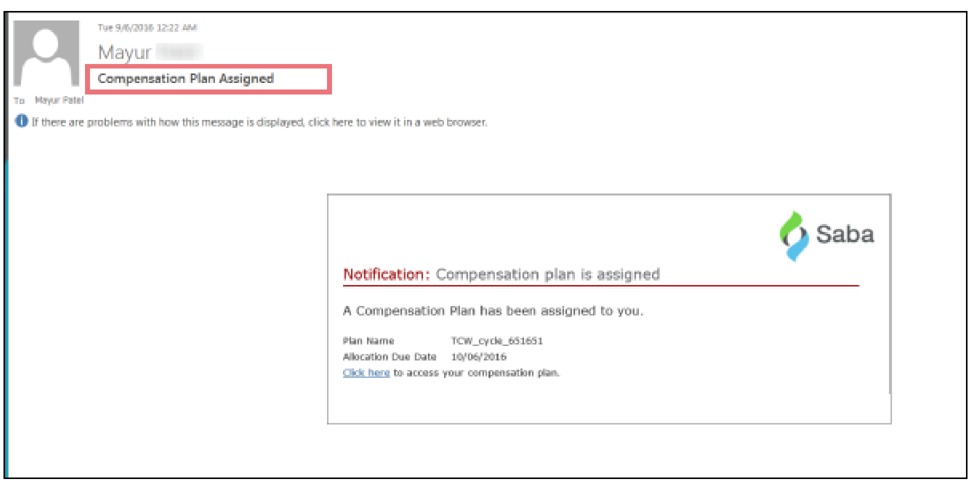
A Compensation Plan has been assigned to you.

Plan Name

Allocation Due Date

Click here to access the plan. [link to the plan]

Figure 207: Notification Generated



Following table provides compensation specific notification details and when they are triggered during each stage of a compensation plan.

Table 104: Notification Details

No	Notification	Trigger Point	Component	Action
1	Approval required for compens~ ation allocation	Triggered when approval is required for compensation allocation	ManagerPlanCycleRel	Predefined - Send No~ tification to adminis~ trator Predefined - Send No~ tification to approvers
2	Compensation plan has been approved by all approvers	Triggered when compensa~ tion plan has been approved by all approvers in the ap~ proval chain	ManagerPlanCycleRel	Predefined - Send No~ tification to adminis~ trator
3	Compensation plan has been approved by any approver	Triggered when compensa~ tion plan has been approved by any approver in the ap~ proval chain	ManagerPlanCycleRel	Predefined - Send No~ tification to manager
4	Compensation plan has been re~ jected	Triggered when compensa~ tion plan has been rejected	ManagerPlanCycleRel	Predefined - Send No~ tification to manager
5	Compensation plan has been re~ opened by compensation admin	Triggered when compensa~ tion plan has been reopened by compensation admin.	ManagerPlanCycleRel	Predefined - Send No~ tification to approvers Predefined - Send No~ tification to manager
6	Due date for approval is ap~ proaching	Triggered for compensation distributions that are in pending approval and due date for approval is approach~ ing	ManagerPlanCycleRel	Predefined - Send No~ tification to Approver
7	Compensation plan is assigned	Triggered when compensa~ tion plan is available for budget distribution and alloc~ ation	ManagerPlanCycleRel	Predefined - Send No~ tification to managers
8	Compensation plan marked completed	Triggered when a compensa~ tion plan has been marked completed.	CompensationPlan	Predefined - Send No~ tification to compensa~ tion administrator
9	Compensation plan activated	Triggered when a compensa~ tion plan is activated.	CompensationPlan	Predefined - Send No~ tification to compensa~ tion administrator
10	Due date of the compensation plan is approaching	Triggered when due date of the compensation plan is ap~ proaching	CompensationCycle	Predefined - Send No~ tification to managers

Use case

Out of the box notifications now convey appropriate messages. Managers, approvers, and compensation administrators can now be alerted by clear messages and links to actual documents that they need to review to complete their actions.

Allow compensation managers to access compensation data on profile page

How did it work?

Until this release, a manager captured in a snapshot view as the manager for a specific employee but no longer the **Line manager** (current), did not have access to the employee's compensation historic data, compensation statements, letters and other necessary data from the profile page.

How does it work now?

Starting from this release, line managers, approvers and others who are assigned to a worksheet can access compensation specific data from the worksheet and will also have access to employee compensation profiles, compensation letters and statements.

A manager who is assigned to a worksheet for an employee and needs the profile details, can click on the name link on the employee's profile mini card. The link will launch a new view that displays the following compensation specific details for the employee:

- Basic Information
- Current Job Information
- Compensation
- Compensation History
- Compensation History - Additional Data
- Compensation Statement
- Compensation Letters

To launch and view an employee profile page:

1. Log in to Compensation module as a manager.
2. Navigate to **My Team** > **Compensation**>**Compensation Plans**
3. From the list of plans select the Plan which lists the employee whose profile you want to view.
4. On the worksheet, click on the employee's name.

The employee's profile mini card will display on the side.

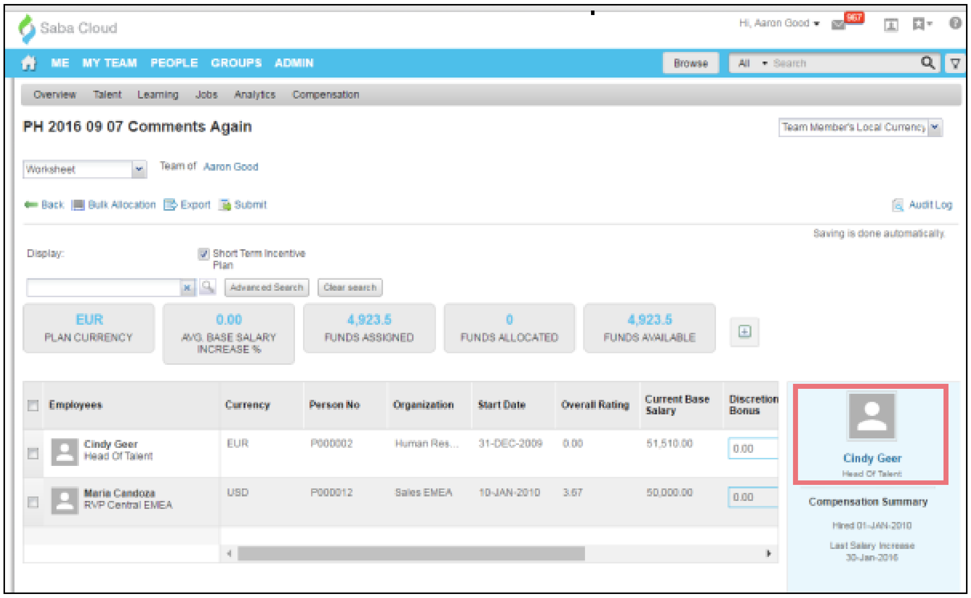


Figure 208: Manager accessing the employee profile

On the employee mini card, click on the **name link**.

This will launch the Compensation Profile view for the selected employee.

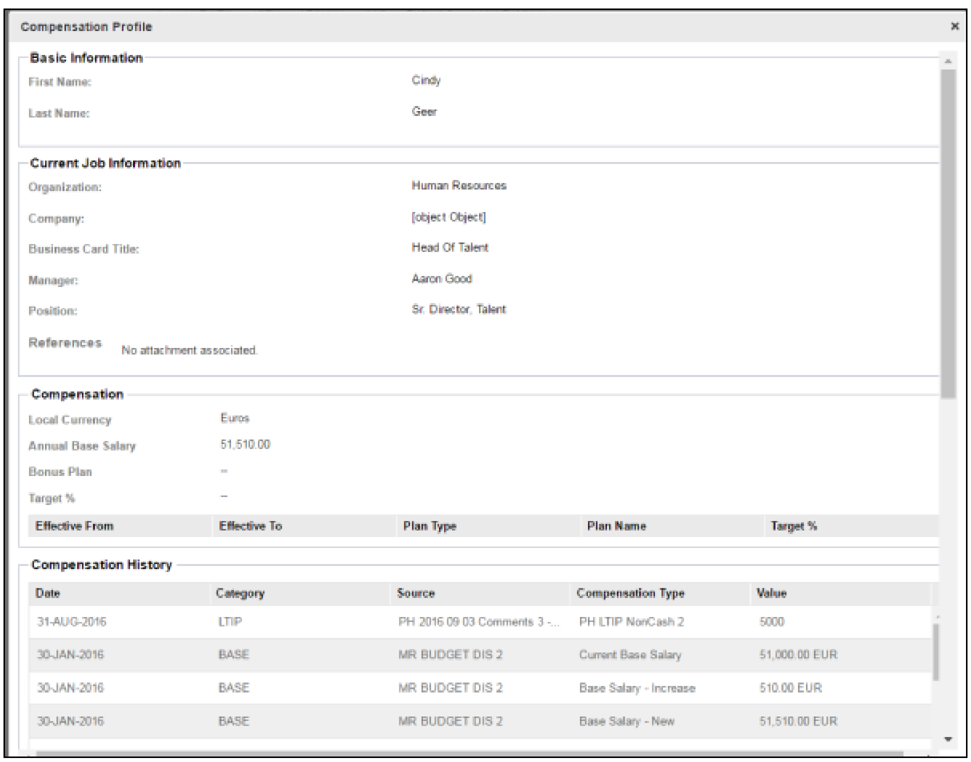


Figure 209: Compensation Profile view

Use case

Compensation managers can now access information that they need to complete a worksheet process even if they are not the current line manager for an employee.

Cancelled/Deleted plan data can no longer be reported in Analytics

How did it work?

Until this release, after cancelling/deleting a compensation plan cycle, the attributes which were associated with current cycle were still available in an analytics report.

How does it work now?

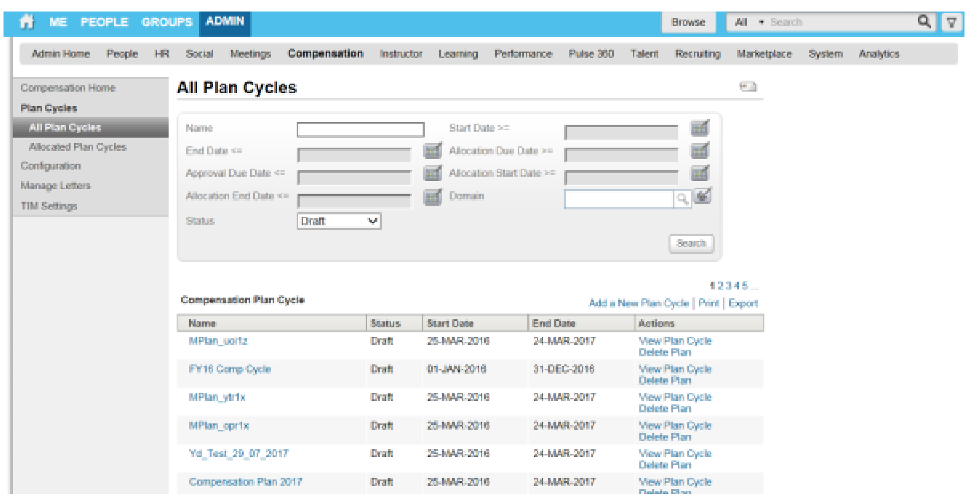
This has been addressed in this release. If a compensation plan is deleted or cancelled, the associated attributes will be removed from Analytics.

Note: Plan cycles can be deleted only when they are in Draft or Cancelled state.

To delete a Plan cycle:

1. Navigate to **All Plan Cycles** page.
2. Choose either **Draft** or **Cancelled** from the **Status** option.
3. Search for the specific Plan Cycle that needs to be deleted.
4. Click on **Delete Plan Cycle** from **Actions**.
5. A warning message will display to indicate that you are about to delete the Plan Cycle.
6. Click **OK**, and the selected **Plan Cycle** will be deleted from the list.

Figure 210: Delete a Plan Cycle



Use case

Compensation administrators needed the ability to remove from the system old and incomplete Plan Cycles that were no longer relevant to their scenario. By enabling this option, they are now able to work with more relevant data and a less cluttered environment.

Data sync between Compensation and Analytics – Plan Activation

How did it work?

Until this release, compensation plan activation could not complete until data synchronization in Analytics was completed. This was causing delays in plan activation.

How does it work now?

This has been addressed in this release. When a plan activation is initiated, data synchronization is automatically triggered in Analytics. However, this process may take some time to complete. The plan activation process once initiated can be completed independent of the data sync process. This improves the plan activation time and also reduces the risk of plan activation failing due to unexpected issue with Analytics module.

Activate a Plan cycle:

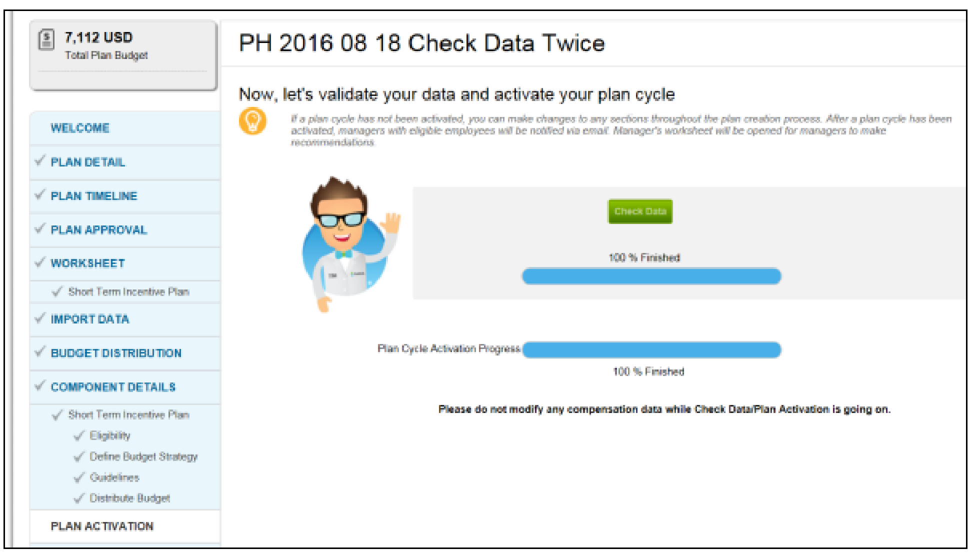
1. Navigate to All Plan Cycles page.
2. Choose **Draft** from the **Status** option.
3. Search for the specific Plan Cycle that needs to be activated.
4. Click on **Check Data**.

   Note: You may need to execute the Check Data Step explicitly and rectify all the errors before starting the activation process. If Check Data step fails, you will not be able to activate the plan.

5. Click on **Start** to initiate the activation.

As mentioned above, the data synchronization will be triggered and the plan activation process will complete based on its own workflow. When the data synchronization completes in Analytics module, the associated report can be generated.

Figure 211: Check data and activate a Plan Cycle



Use case

Plan activation will no longer be delayed due to the delay in data synchronization with Analytics.

Improved data Sync between Compensation and Analytics Reporting

How did it work?

Until this release, update or edit of every single field in compensation data resulted in update to Saba Analytics.

How does it work now?

This has been addressed in this release. Compensation data is not synchronized to Analytics after every edit.

Saba Analytics Report will be updated during the following steps:

Table 105: Use Case showing Compensation data update and Saba Analytics synchronization

Compensation data update/edit scenario	Update to Analytics Reporting	Status
A Manager launches the worksheet> makes one or more edits> clicks **Submit**	Is Analytics reporting model updated?	**Yes**
Approver **launches** the worksheet > makes one or more edits> clicks **Approve** link or **Return to Manager(Re~ ject)**link.	Is Analytics reporting model updated?	**Yes**
Compensation Plan is Approved: **Admin** > is allowed to **change values**	Is Analytics reporting model updated?	**Yes**
Compensation Admin>**closes the plan**	Is Analytics reporting model updated?	**Yes**
Compensation plan cycle has been **Approved** >Admin has the option to **reopen** the worksheet.	Is Analytics reporting model updated?	**Yes**

Use case

Compensation data is not synchronized to Analytics after every edit and so Analytics Report will be updated only at specific operations. There is a clear indication of when to expect an update on the Analytics Report.

Create Custom Manager hierarchy to distribute budget

How did it work?

N/A

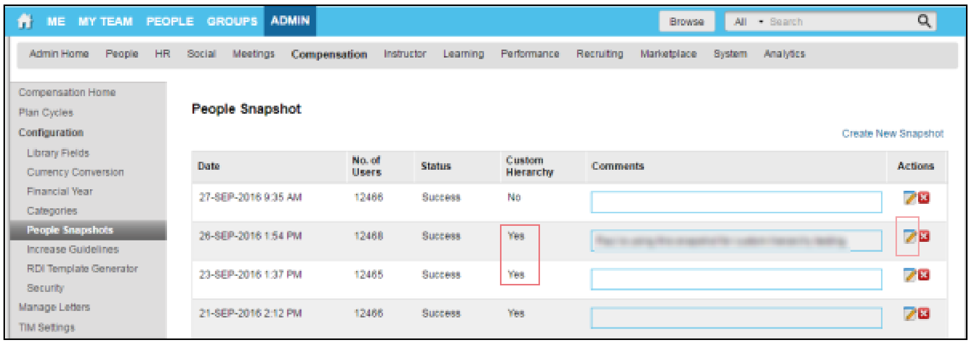
How does it work now?

Starting from this update, compensation administrators can define who within their organization have budgets to make compensation recommendations. They can create custom hierarchy for specific plans, so that the allocation and distribution of compensation amount can be performed by managers who are not the line managers of certain employees but are identified to perform these responsibilities based on their experience, current organization structure and other aspects.

Compensation administrator can assign a custom hierarchy manager to an eligible employee, by adding the custom manager details to a template and uploading the file to snapshot data using the import option from the People Snapshots page.

The People Snapshot page lists all the snapshots created and it indicates whether a Custom Hierarchy exists for a snapshot by the **Yes/No** flag under the Custom Hierarchy column. It also features the **Edit** icon under **Actions** menu, to allow the download/import option.

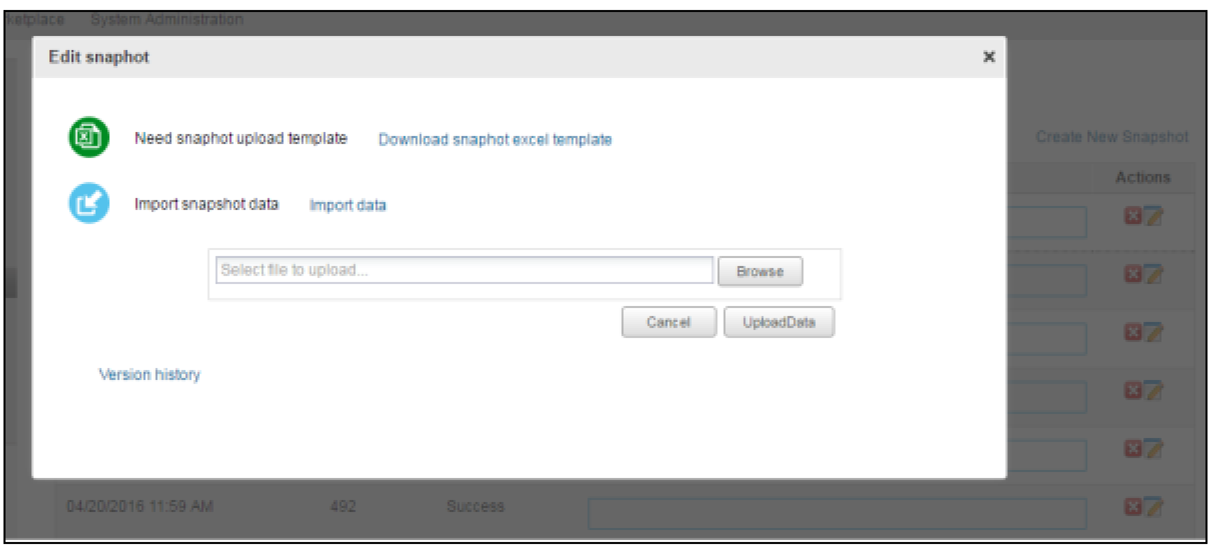
Figure 212: People snapshot screen showing the Edit icon



To add a custom manager hierarchy to a snapshot:

1. Navigate to **Admin**>**Compensation**>**Configuration**>**People Snapshots**
2. Click the **Edit** icon.
3. Download the **snapshot template**.

   ### Figure 213: Edit snapshot screen

4. Enter the **custom manager user name** in their fields.
5. Import the file using the **Import Snapshot data** option.

The user name field and the custom manager's user name field are **key fields**.

Note: The import process may fail and a resulting warning message will show if the following scenarios occur:

1. Adding a nonexistent or terminated person to the list of employee user names

2. Specifying a nonexistent or terminated person as a custom manager
3. Specifying a cyclic custom manager relationship between some users. (example: User A reports to User B, User B reports to User C, and User C reports to User A).

You can resume the import step once the issues are addressed.

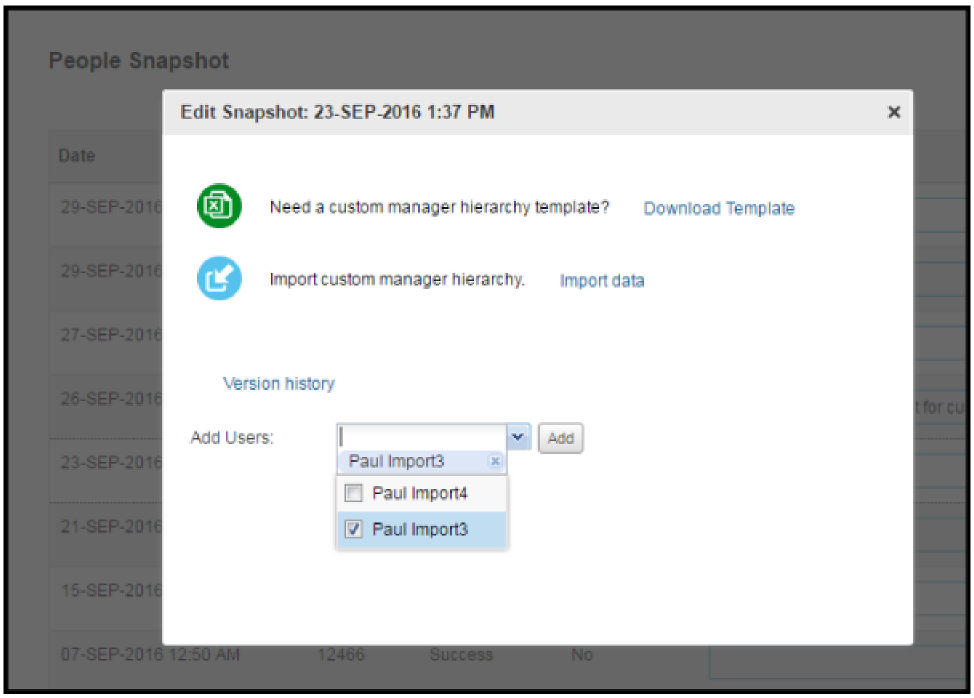
Adding a new User to a snapshot

The **Edit snapshot** page also allows you to add a new user to the snapshot. If a new employee has joined the group or company after a snapshot was created, the **Add Users** option from the Edit Snapshot page can be used to facilitate the addition of this user to the snapshot.

To add a new user to an existing snapshot:

Click on the **Edit** icon for the snapshot that you want the user to be added to. The **Edit Snapshot** page opens and because we have new users in the system, the **Add Users** option displays on this page. If there are no new users for a plan cycle, this option will not show in the **Edit Snapshot** screen.

Figure 214: Add new user



Select the names of the users you want to include in the snapshot and click **Add**.

Budget Distribution

When a snapshot is created for the plan cycle, based on the details of the imported file, the custom hierarchy manager will have the access privilege to view and edit compensation data for the eligible employees assigned to him and will be responsible for compensation recommendations, budget distribution and approval of the compensation package offered to the assigned user.

You can assign custom hierarchy to the compensation plan from the Budget Distribution page, and any update to the details of the custom hierarchy can also be handled from the **Budget Distribution** page.

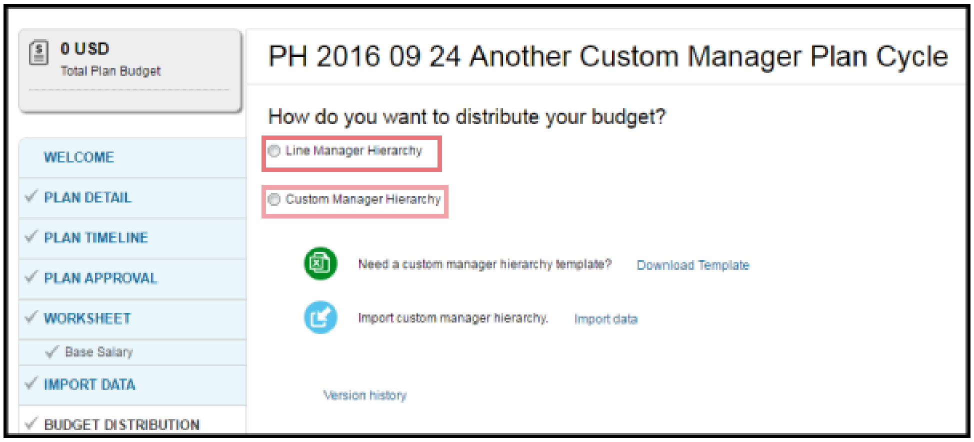
To choose custom manager hierarchy:

From the Budget Distribution page, select **Custom Hierarchy**:

- Use **Line Manager Hierarchy** - If you decide to keep the line manager for the current plan.

- **Use Custom Manager Hierarchy** - if you decide on the custom hierarchy manager and click **Continue**.

Figure 215: Budget Distribution page - Select Custom Manager Hierarchy



The custom hierarchy will be applied to all assigned employees in the selected Plan Cycle.

Note: When choosing the custom hierarchy, it is not necessary to define custom managers for all employees in that snapshot, but all employees in the eligibility criteria should have a valid custom manager. If an eligible person has no custom manager, then during the Distribute Budget step, the eligible user will be placed into the **Reserved** pool. In that situation, the administrator can revisit the **Budget Distribution** page or the **People Snapshot** page to add custom manager to those users and reimport the file. Alternatively, the administrator can also allocate, approve, and distribute their compensation funds.

Budget Allocation

The following sequence of events will occur with custom hierarchy selection:

- The custom manager will receive the budget funds to be allocated to the employees selected for the plan.
- Check Data step will validate whether compensation managers are assigned for all eligible users.

  A warning message will appear at the check data stage, if there are eligible users with no custom manager assigned. Compensation administrator can update and import custom hierarchy again for the snapshot or choose to ignore the warning.
- Custom manager will have access to Compensation in My Team.
- The custom manager will have access to the employee's compensation data and will make compensation recommendations and budget allocations for the employee.
- After activation of the plan, approvers will be selected based on custom hierarchy.

Currency Selection

Whichever hierarchy option you choose, all managers selected for the plan and all eligible users should have valid currency options assigned. Otherwise, during the check data step, an error message will display and the managers without a currency selection will not be eligible for budget allocation.

- If a plan cycle is configured with All managers in the organization hierarchy who have eligible direct reports option is selected, the system will check the currency details only for the direct manager of the user.
- If the plan cycles configured with nth level selected, (example 3rd level) then the system will check the currency details for the entire hierarchy of the eligible user.
- If the custom manager hierarchy is selected, then the system will check the currency details for the custom manager selected.

Use case

Compensation managers can now access information that they need to complete a worksheet process even if they are not the current line manager for an employee. For the compensation administrator, this feature provides the option to define who within their organization have budgets to make compensation recommendations.