What's New

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Notice

Limitations on Warranties and Liability

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Change log

The following table summarizes the list of changes introduced in a specific version of this document.

Table 1: Summary of changes

Version	Date	Change description	Functional area	Feature
1.0	11-Sep-2018	Initial version	N/A	N/A

New features at a glance by functional area

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

Note: **Enabled by default** does not necessarily 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 or 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
Analytics	Obfuscate analytics data for purged users	Y				Analytics admin Analytics user
	Trend line in multi-line charts for further analytical processing	Y				Analytics admin Analytics user
	Increased character limit for the email body	Y				Analytics admin Analytics user
	Ranking Visualization Reports NEW	Y				Analytics admin Analytics user
	Add multiple blank columns to reports	Y				Analytics admin Analytics user
	Export pivot table report as an Excel file	Y				Analytics admin Analytics user
	Sorting for metrics while creat~ ing charts	Y				Analytics admin Analytics user
	Hierarchy Insights Presentation	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
	Filter data based on response of demographic questions NEW	Y				Analytics admin Analytics user
	New Attributes NEW	Y				Analytics admin Analytics user
	Updated Attributes	Y				Analytics admin Analytics user
E-com~merce	Enhancements to private class	Y				Learning admin~istrator Registrar
Learning	Enhancement to rating scales	Y				End user Managers
	Delete folders with archived questions	Y				Assessment ad~min
	New question types for surveys	Y				Assessment ad~min End user
	Link content questions to other test questions		Assess~ment ad~min			End user
	Manage security for test and survey folders		Assess~ment ad~min			End user
	Mark complete URL content externally NEW		Learning admin			End user
	New content player NEW	Y	System ad~min			End user
	Enhanced OLSA integration NEW	Y	Learning admin			Learning admin
	Support for LTI content NEW	Y	Learning 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
	Support for xAPI activity providers	Y	System admin			Learning admin End user
	New named queries for managers of no show learners	Y	System admin			Manager Alternate manager Organization manager
	New named queries for organization managers	Y	System admin			Organization manager
	New named query for recurring course notification	Y	System admin			End user
	New notification for virtual classes	Y	System admin			
	Increased character limit for the FOS description field	Y	System admin			End user
	Configure visibility of the Delete Completely button for certifications and curricula		System admin			Super user People admin Local Learning Registrar
	Prevent changes to learning associations of users marked as 'Do not process'	Y				People admin
	Hide purged user details NEW	Y				People admin
	Manage other's courses created via the simplified course creation flow	Y				Learning admin Super user
	Display Microlearning classes in global search and Discover portlet	Y				End user
	Disable an evaluation in a certification or curriculum NEW	Y				Learning 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
	Indicate courses completed by equivalents in a certification	Y				End user People admin
	Limit day fields for certifica~ tions, curricula, and recurring courses	Y				Learning admin
	Print a completed checklist	Y				End user Manager
	Refreshed course details page NEW		System ad~ min			End user
	Role analysis on learning plan NEW		System ad~ min			End user
	Update CE plan status based on Ad hoc Transcript data import	Y	System ad~ min			End user
	Course video preview NEW	Y	System ad~ min			End user Learning admin
	Simple surveys for end users	Y				End user
Market~ place	Webex and Adobe connectors need activation key	Y	Market~ place ad~ min			Marketplace ad~ min
	Marketplace supports the latest version of Workday connector		Market~ place ad~ min			Marketplace ad~ min
	Info-Tip content is provided for essential fields in connector configuration screens	Y				Marketplace ad~ min
	Configuring Tango card con~ nector		Market~ place ad~ min			Marketplace ad~ min
	LinkedIn Learning (LiL)con~ nectorNEW		Market~ place ad~ min			Marketplace ad~ min

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Connector for ADP is now available in Marketplace NEW		Marketplace admin			Marketplace admin
Performance	New notification when a reviewee finalizes their review on page 134 NEW		System admin			Super user
	Enhanced Goal Setting Workflow Use Goal Activities to support skill development NEW	Y			Y	End user Manager HR Partner Human Capital Human Capital Admin (HCA)
	Impression Enhancements Enhancements to Impressions page	Y				End user Manager
	Impression Enhancements Enhancements to 'Leave an Impression' flow	Y				End user
	Impression Enhancements Greater flexibility when attaching impressions to a review	Y	System admin			End user Manager
	Notes are relabeled as tasks in Workboard and Check-ins	Y	System admin			Admin End user Manager
	Open Saba Meeting from within Check-in		System admin			Manager
	Additional reviews links added to Me page					End user Manager
	Add additional text in the skills description NEW	Y	System admin			Admin End user Manager

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Pulse 360	Enhanced custom survey analysis	Y				Pulse admin
	Domain aware custom surveys	Y				Pulse admin
Recruiting	Add internal candidate to job	Y				Hiring team
	Internal applicants to update application profile post job application	Y				Candidate Recruiting admin Recruiter
	New fields for scheduling interview	Y				Recruiting admin Hiring team
	New keywords for job requisition and job offer notifications	Y				Recruiting admin Hiring team
	Publish jobs only to external sites	Y				Recruiting admin Hiring manager Hiring team
	Show candidate's other job applications	Y				Recruiting admin Hiring team
	Visibility on requisitions for recruiters	Y				Recruiter
Saba Video	Add captions to a Saba video NEW	Y	Learning admin Collaboration admin System 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
	360 degree Saba Video NEW	Y	Learning admin Collaboration admin System admin			End user
	Bookmarking and other enhancements to Saba Videos NEW	Y	Learning admin Collaboration admin System admin			End user
Social	View excluded members of group	Y				Collaboration admin
	Bulk actions on reward orders	Y				HR admin
	Group canvas follows group's domain security	Y				End user
	New reward types	Y	HR admin			HR admin End user
	New reward notifications and reward expiry indication		System admin			System admin End user
System	Deeplinks for profile Microapps NEW	Y				System admin
	Additional configuration for system administrators	Y	System admin			System admin
	PIN based authentication on mobile devices		System admin			System admin
	Last login with more details					System admin
	Statistics for application messages	Y				Super user

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Improved indexing process	Y				System admin
	View security roles against each listed security privilege	Y				System admin
	2-legged OAuth for API Au~ thentication	Y				Developer Partner
	Create a new import for group membership NEW	Y				System admin People admin
	Attachment data import sup~ ports additional object	Y				System admin Learning admin
	Administrators can change de~ fault locale for data imports	Y				System admin
	Ability to remove all internal work history for a person NEW	Y				People admin System admin
	Enhancement to profile transfer import	Y				System admin People admin
	Disable evaluations and associ~ ated tasks in offering imports	Y				Learning admin
	Display progress of association processing on Monitor Imports screen	Y				System admin
	Enhancements to import and export monitor page	Y				System admin
	Bulk import option enhanced	Y				System admin
	Data import now provides multi-row custom sections NEW	Y				System admin
	Custom fields added to educa~ tion and external certifications sections	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
	External and internal organiza~ tion criteria now display cus~ tom fields	Y				System admin
	Provide notification to the user when a Prescriptive Rule is not running NEW		System ad~ min			End user System admin
	Provide support for multiple rows under person profile cus~ tom sections NEW		System ad~ min			End user People admin
	Member selection audit trail to display reason		System ad~ min			People admin
	Assign dynamic Audience Types immediately when users are created NEW		Learning admin			Learner Learning admin
	Mechanism added to reset the internal work history of a per~ son NEW	Y				People admin
	Person Profile import section will cover additional fields	Y				End users People admin
	Reassign certification when a person rejoins after termination		System ad~ min			Learners Learning admin
REST APIs	Mark an Order payment ap~ proved	Y				Developer
	Enable sending logRefId for REST APIs		System ad~ min			Developer
	REPORT RESULT	Y				Developer
	Search by organization man~ ager	Y				Developer
xAPI	Updates to the LRS endpoint URL	Y				Developer
Meeting	Increase in audio channels	Y	Meeting admin			Meeting admin End user

Chapter 1

Analytics

Topics:

- Framework enhancements
- New Reports
- New Attributes
- Updated Attributes

Framework enhancements

Obfuscate analytics data for purged users

How did it work?

When reports were exported to CSV, PDF, or Excel, the following directly associated primary data of the terminated users (who were marked as **Do Not Process**) was not shown in the report data:

- Enrollment
- Transcript
- Profile
- Reviews
- Goals, etc.

How does it work now?

Now, even the secondary reference information such as the name of the person where that user has been added as owner, CSR, administrator, mentor etc. **will not be shown** when the report is exported to CSV, PDF, or Excel from the UI or report schedules.

Use case

This enhancement allows the analytics data to be obfuscated for purged users.

Trend line in multi-line charts for further analytical processing

How did it work?

Multi-line charts didn't support a trend line for the plotted values.

How does it work now?

Multi-line charts now support adding a trend line for the plotted values.

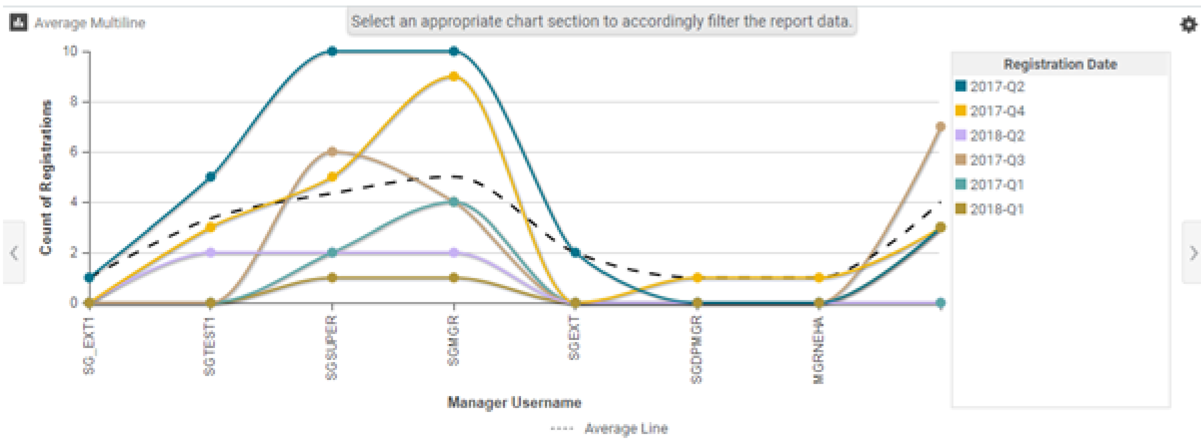


Figure 1: Average Line

While adding a multi-line chart to a report or a dashboard, you will now see a check box that when checked adds a Trend (average) line in the chart along with the chart data.

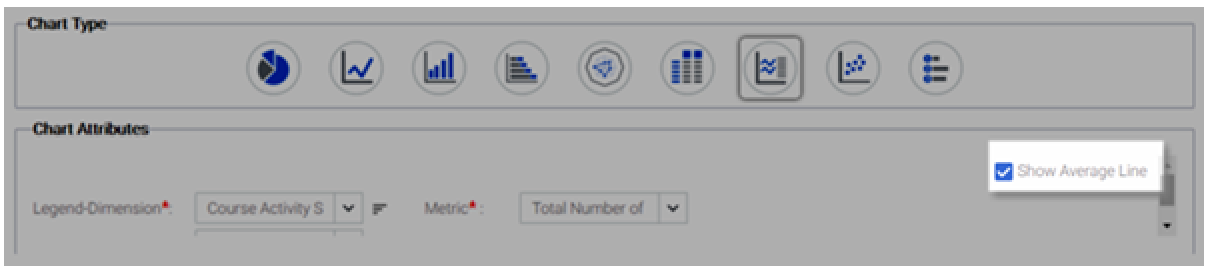


Figure 2: Show Average Line

The values represented by the trend line are the average of the values of the data points present in the chart data.

Note: The trend line is also visible in the PDF exports of the reports.

The trend line will not be shown for metrics where the aggregated data is already of average type.

Chart drill downs for the trend values are not supported.

Use case

This enhancement enables a user to show a trend line for the data available for the chart so that the user can make useful inferences about the data and the trends that the user is interested in, and would allow the user to take appropriate actions based on those inferences.

Ranking Visualization Reports

How did it work?

This is a new feature.

How does it work now?

Analytics now provides a chart to display ranking.

Note: This chart is not available for dashboard module creation. It's only available for pulled in charts. Ranking chart supports string dimensions (except the LOV dimensions).

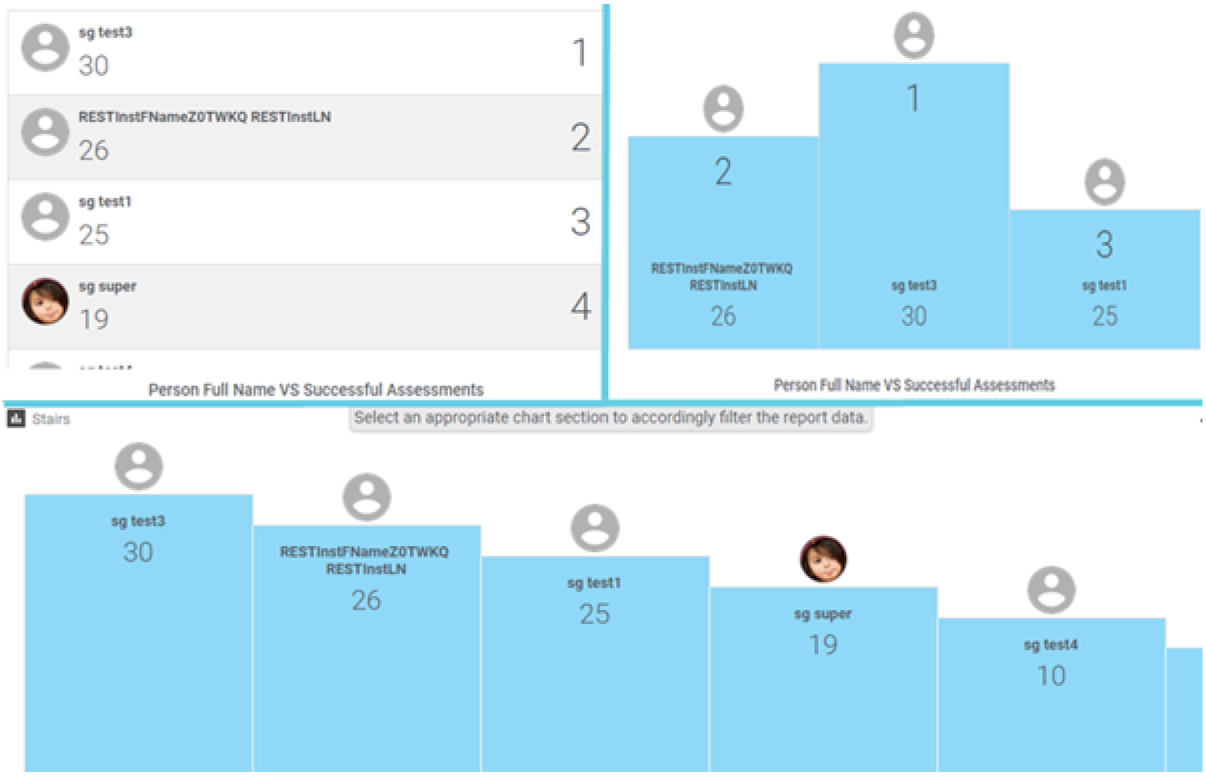


Figure 3: Ranking charts (Listing, Podium, Stairs)

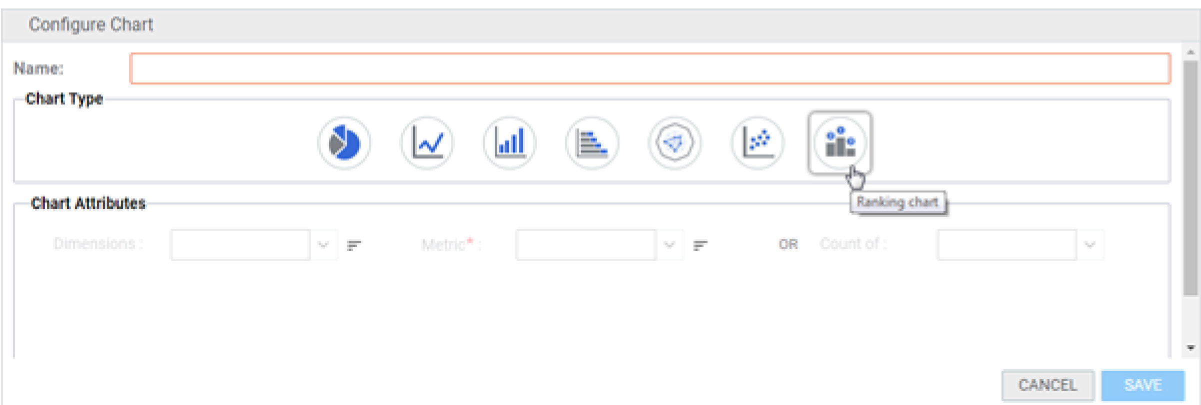


Figure 4: Ranking chart configuration

Ranking chart supports the following types of visualizations:

- Listing: A tabular ranking view for visualizing the top/bottom 10 using ascending / descending sorting on the metric.
- Podium: A podium ranking view for visualizing the top/bottom 3 using ascending / descending sorting on the metric.
- Stairs: A stacked ladder ranking view for visualizing the top/bottom 10 using ascending / descending sorting on the metric.

Additionally, you can also choose to display an image associated with the chart data by selecting the **Include images** option. Including images option is only limited to the person and group attributes.

Note: Multiple records with the same ranking will be collated and only one image will be shown, if you opted for including images.

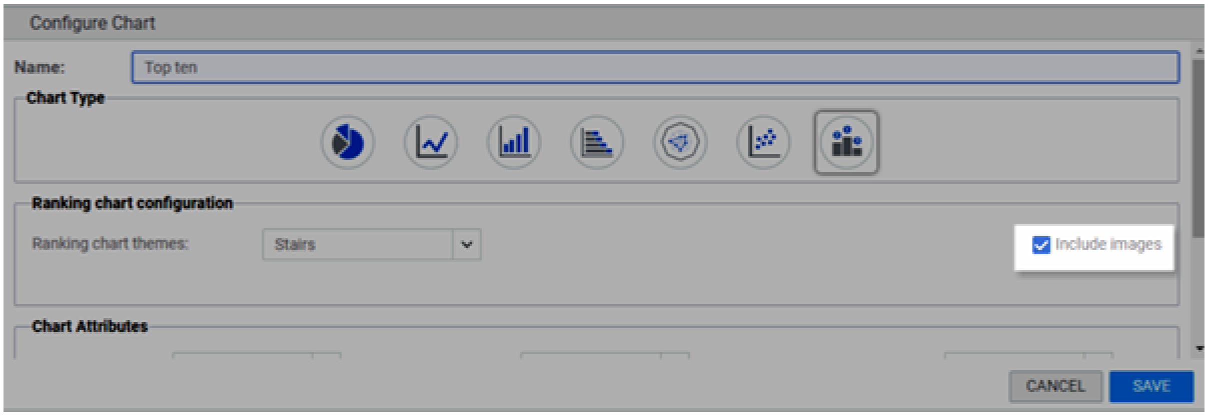


Figure 5: Include images

Use case

This enhancement provides a simple, usable and a quick win visualization that allows identifying the top or the bottom rankers.

Increased character limit for the email body

How did it work?

Currently, the subscription email body (Body field under Scheduling Information) only accepted 1000 characters, which was not sufficient for business purposes.

How does it work now?

Users can now add up to 4000 characters in the subscription email body including HTML tags, background highlights, hyperlinks and so on using a rich text editor.

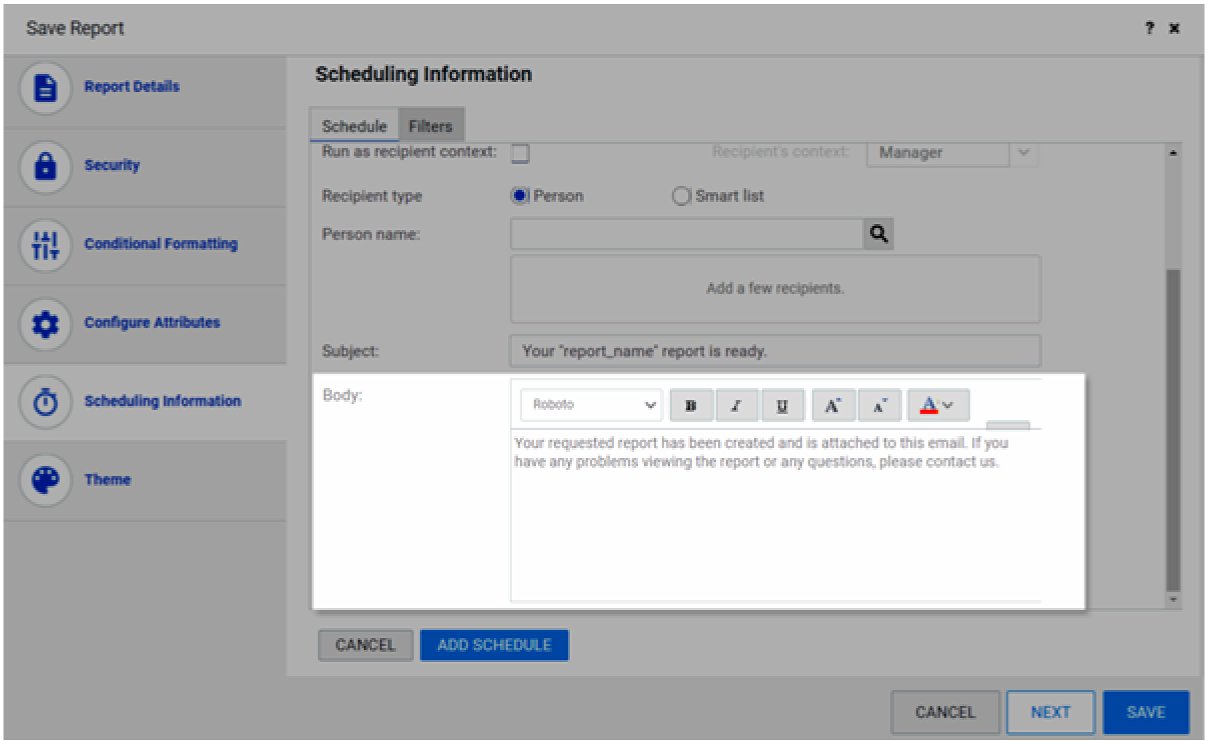


Figure 6: Subscription email body

Use case

This enhancement enables users to add more information into the body of scheduled emails.

Add multiple blank columns to reports

How did it work?

Before this update, when saving a report you could add only one blank column to a report.

How does it work now?

In this update, you can now add multiple blank columns to a report.

Note: You can add blank columns for all the report types (including exported reports), except the **Pivot table** report type.

The number of blank columns that you can add depends on the **Maximum number of blank columns allowed per report** property set under **Analytics Settings > Configuration**.

Note: The maximum number of blank columns allowed per report is 7.

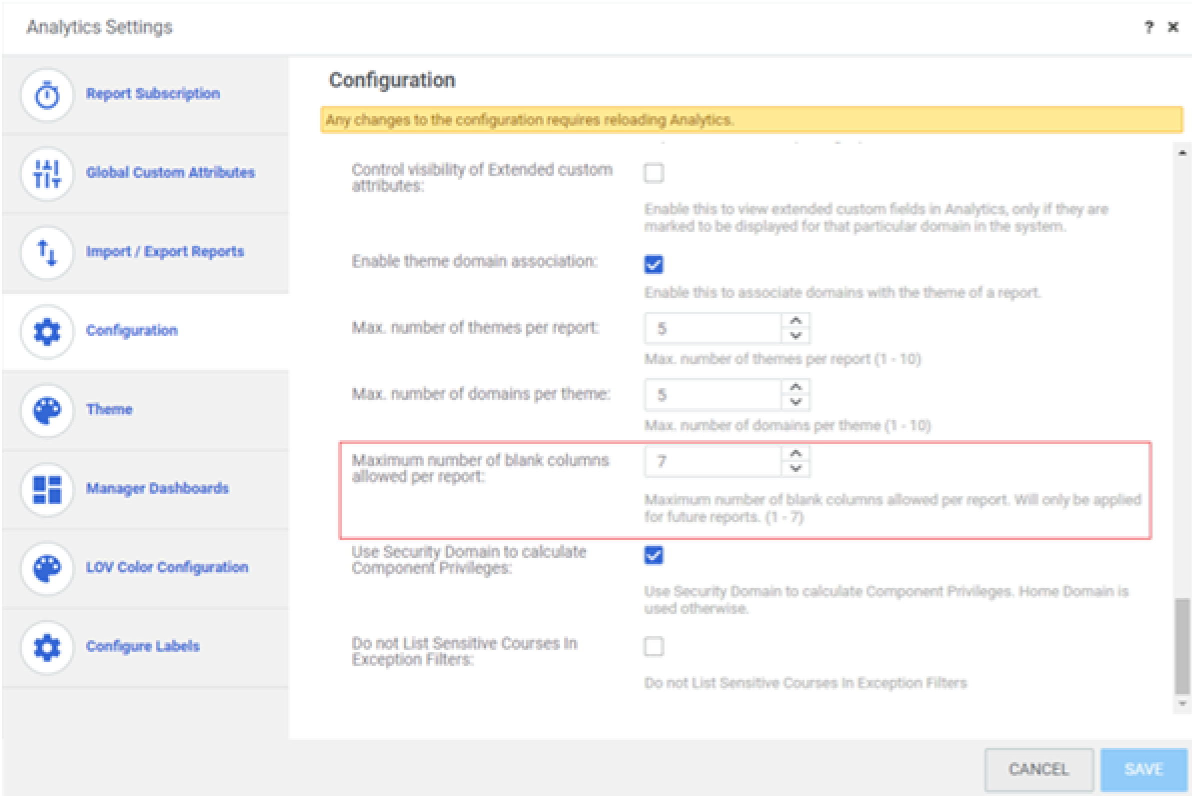


Figure 7: Maximum number of blank columns allowed per report

When saving a report, you can click ADD to add blank columns to that particular report.

Note: The blank columns that you add will only be applicable to new reports and not to existing reports.

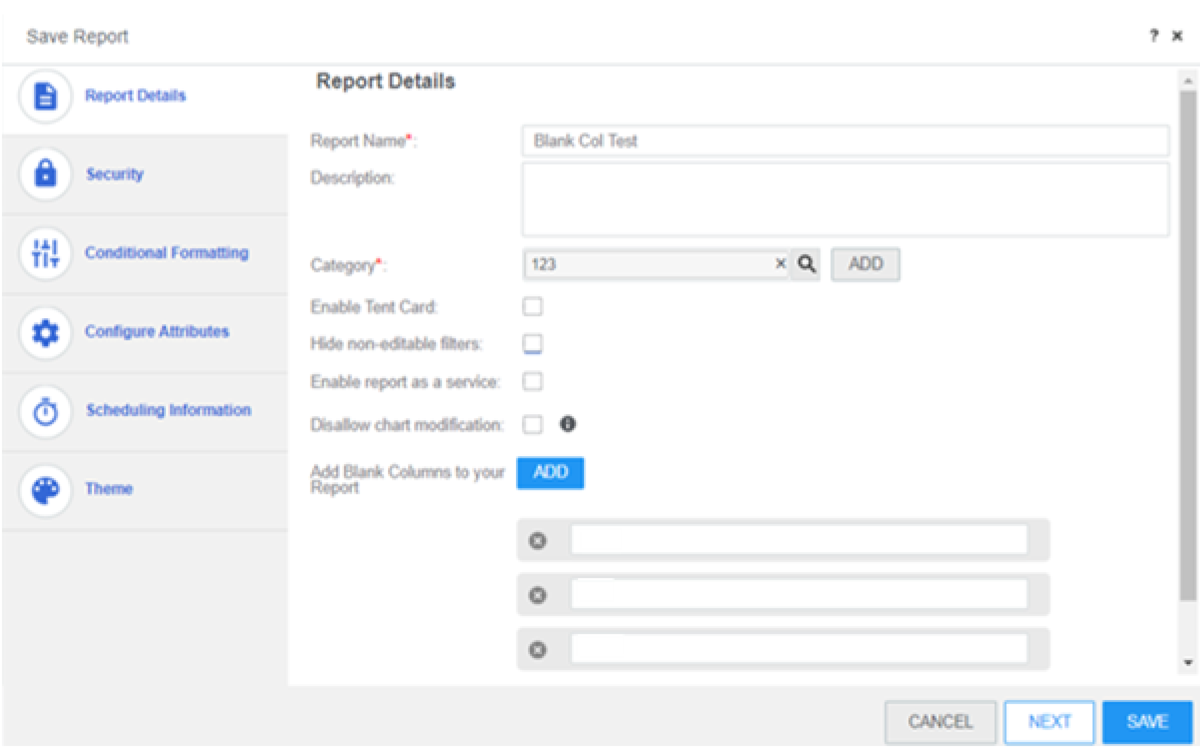


Figure 8: Adding blank columns

After clicking **ADD**, you can enter the header name for that blank column.

Note: The header of the blank column can have up to 255 characters.

Use case

This enhancement gives more flexibility to add multiple blank columns to suit the business needs.

Export pivot table report as an Excel file

How did it work?

It was not possible to export pivot table reports as Excel files.

How does it work now?

In this update, you can export a pivot table report as an Excel file to avail the pivot feature of Excel itself.

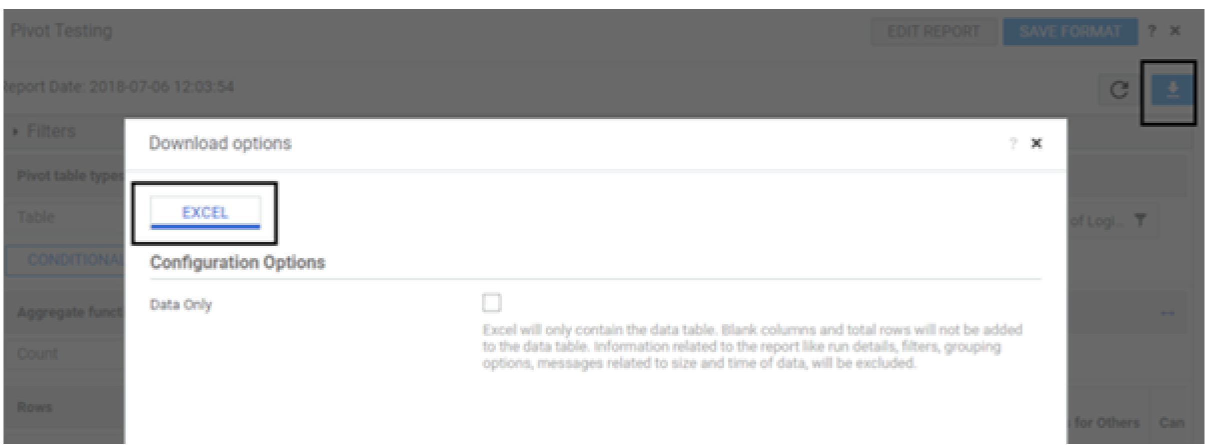


Figure 9: Export as Excel

Since the report is exported as a pivot table (and not as pivot charts) conditional formatting or pivot types will not be supported in Excel.

Note: The following aggregate functions will revert to SUM in Excel.

- COLLATE
- UNIQUECOUNT
- SAMPLEVARIANCE
- MEDIAN

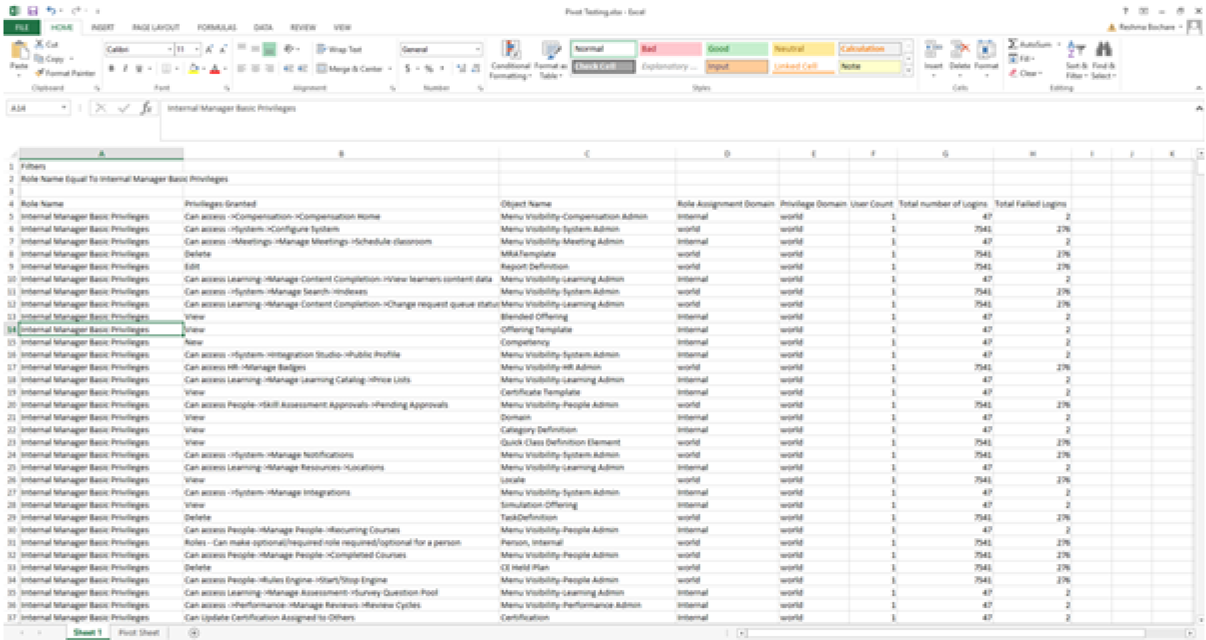


Figure 10: Excel file - Sheet 1

Sheet 2 is named Pivot Sheet, that holds the actual pivot.

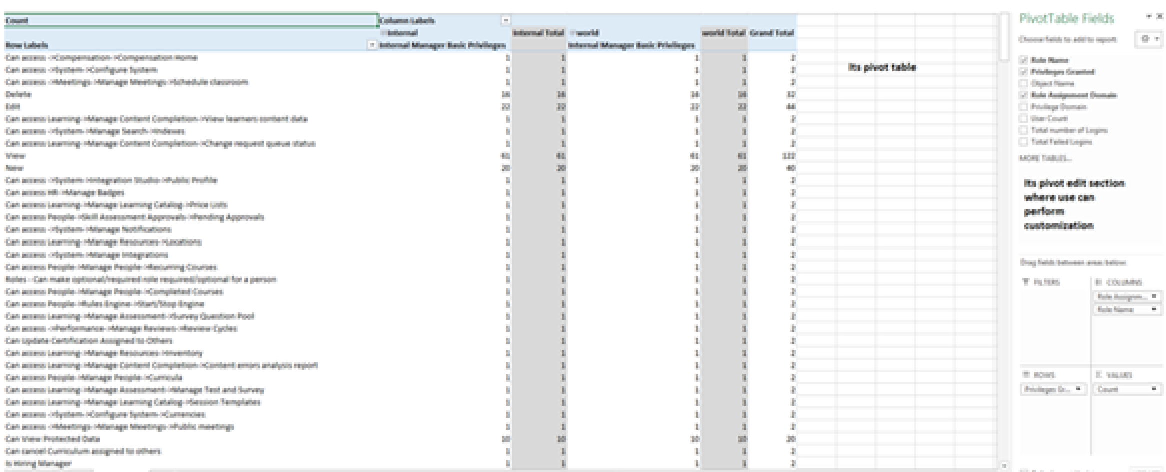


Figure 11: Excel file - Sheet 2

After the pivot table report is exported, you can always extend Excel's pivot feature and change the pivot as suitable.

Note: The sorting that you see in the report will not be reflected in Excel.

Use case

This enhancement improves usability beyond the data modelling with pivot features.

Sorting for metrics while creating charts

How did it work?

Sorting defaulted to descending for metrics. It was not possible to choose the kind of sorting for a metric in a chart.

How does it work now?

In this update, you can now toggle between ascending or descending sorts either for a metric.

Note: Data will be sorted either by a metric or by a dimension, but not by both at the same time.

The metric sorting will only be available for single dimension / metric charts.

- Pie chart
- Pie As Number chart
- Bar chart

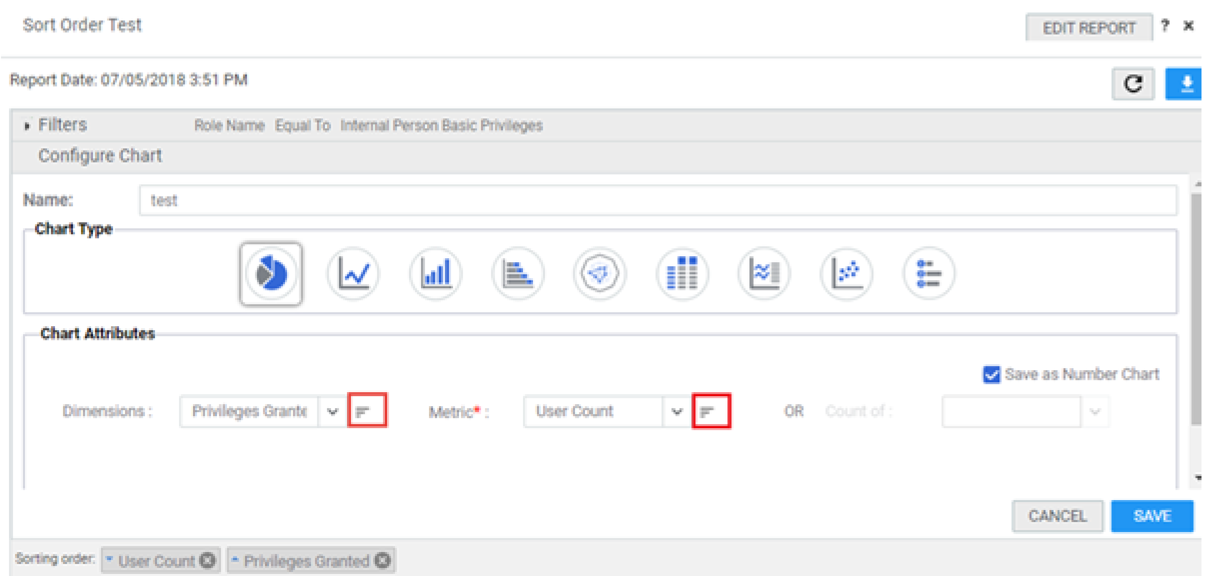


Figure 12: Sorting

Use case

This enhancement improves visualisation of charts.

Hierarchy Insights Presentation

How did it work?

In Hierarchy reports, when the hierarchy dimension (person manager or person organization) is selected in a chart, the data shows values for each member of the hierarchy below the member specified in the hierarchy filter.

How does it work now?

In this update, you will see insights in a hierarchy report that will show metric values for a member specified as the filter value in the hierarchy filter.

Note: Insights is only available for hierarchy reports.

Insights will show totals of all the metrics present in the hierarchy report.

Note: If a metric does not have any aggregation associated with it, it will not be part of the insights.

Figure 13: Insights

Insights are independent of charts. On drilling-down, the insights will not reflect the change in the data. Insights will be available even when if no chart is configured for the report.

Note: Insights will not be available when:

- Charts from a hierarchy report are pulled in a dashboard.
- Hierarchy Reports that have charts are exported as PDF.

Summary (i.e. the overall data) will be provided on the left side and the total of the currently selected hierarchy will be provided on the right side.

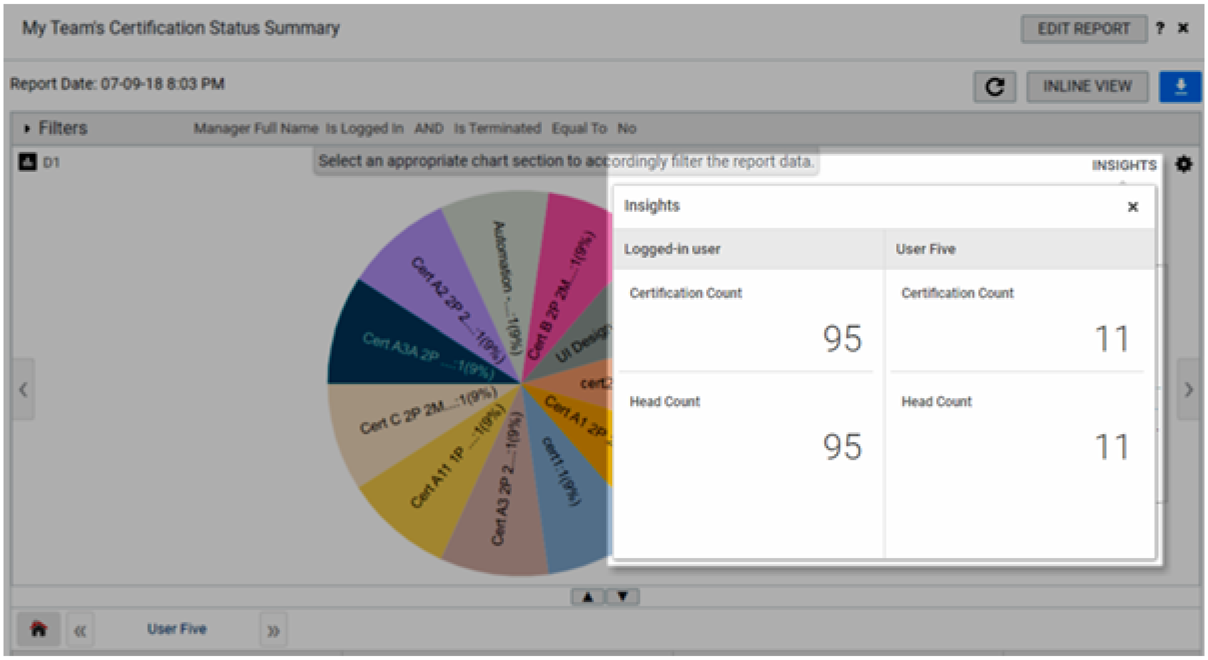


Figure 14: Insights - summary vs total

Use case

This enhancement improves visualisation of hierarchy reports.

Filter data based on response of demographic questions

How did it work?

It was not possible to filter data based on response of demographic questions.

How does it work now?

In this update, the following filters are now available:

Table 3: New filters

Parent Entity	Entity Name	Filter Name
Pulse 360	Pulse Custom Survey	Demographic Questions
Pulse 360	Anonymous Pulse Custom Survey	Demographic Questions

These filters allows filtering data based on response of the demographic questions. When you pull this filter into a report the following mandatory filters are automatically added:

- Survey Name
- Demographic Question from the Survey
- Response

You need to provide values for all of these mandatory filters.

Use case

This enhancement helps show the Saba Survey Questions / Responses based on Demographic questions present in the same survey.

New Reports

Video Duration Report for a Course

How did it work?

This is a new report.

How does it work now?

This report allows viewing the duration of video contents watched by learners for a course.

This report needs the following services:

- SabaVideo > FormalVideos

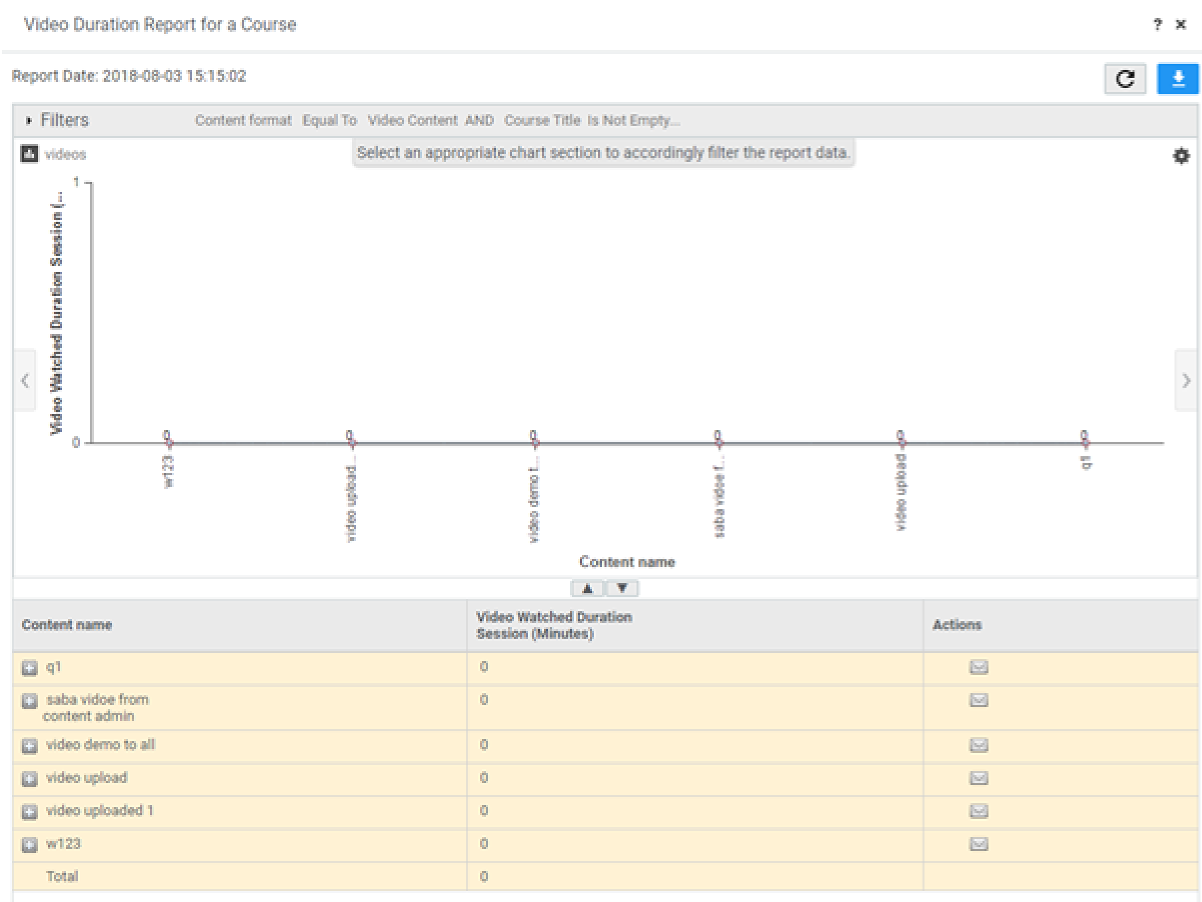


Figure 15: Video Duration Report for a Course Example

Report Details

This section provides high-level details of the Video Duration Report for a Course Report.

Filters

This report uses the following mandatory filters:

1. Content Format (Uneditable)

This report uses the following optional filters:

1. Course Title
2. Is Terminated

Dimensions

This report uses the following dimensions:

1. Content Name
2. Person Fullname
3. Person Username
4. Person Organization Name
5. Person Job Type Name
6. Content Attempt Number
7. Timespent in Content Attempt (HH:MI:SS)
8. Video Duration (HH:MI:SS)
9. Video Watched Duration Session (HH:MI:SS)

10. Is Video Completed

Metrics

This report uses the following metrics:

1. Video Watched Duration Session (Minutes)

Use case

N/A

Video Duration Report for a Learner

How did it work?

This is a new report.

How does it work now?

This report allows viewing the duration of video contents watched by a learner across formal learning.

This report needs the following services:

- SabaVideo > FormalVideos

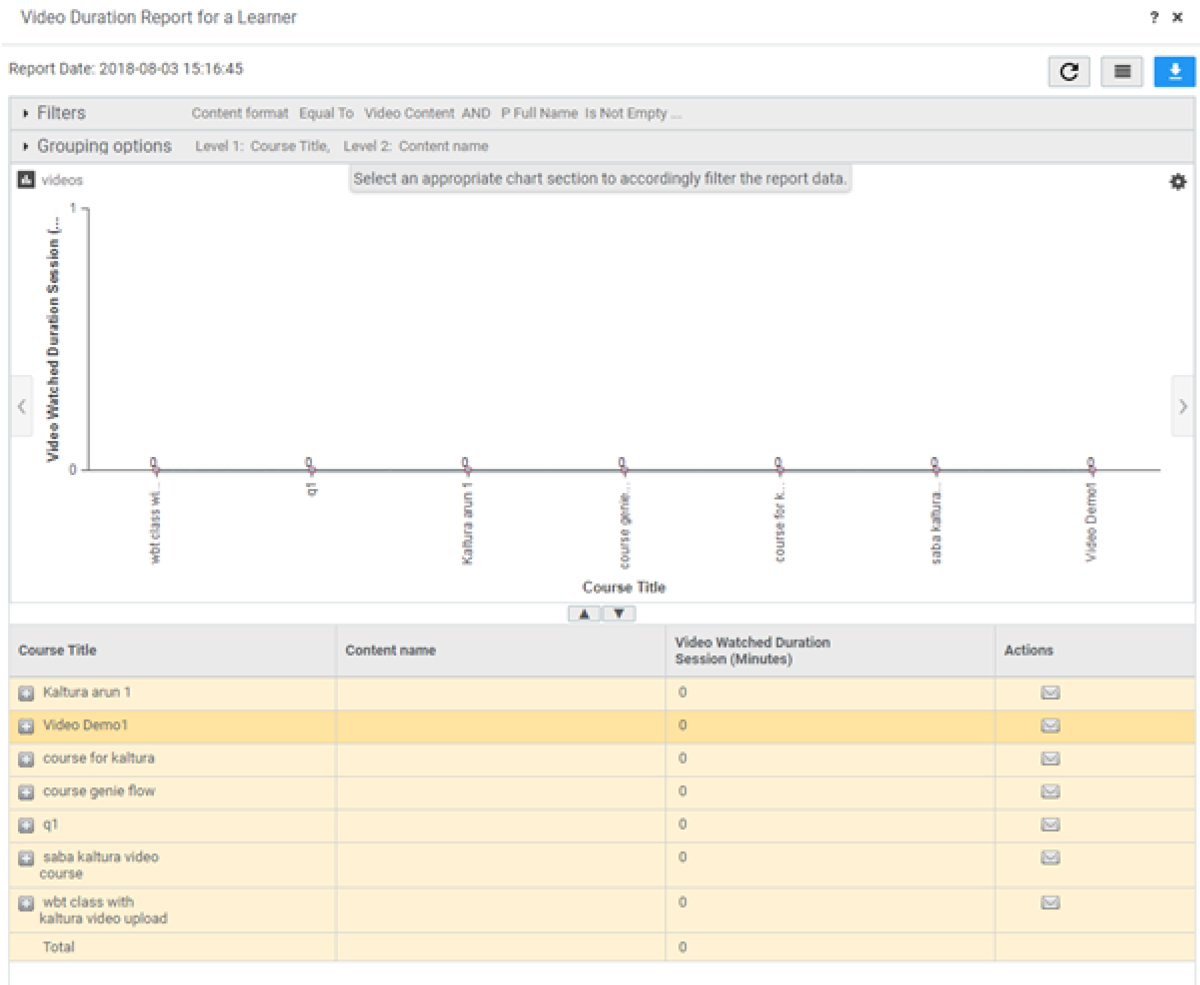


Figure 16: Video Duration Report for a Learner Example

Report Details

This section provides high-level details of the Video Duration Report for a Learner Report.

Filters

This report uses the following mandatory filters:

1. Content Format (Uneditable)

This report uses the following optional filters:

1. Person Fullname
2. Is Terminated

Dimensions

This report uses the following dimensions:

1. Course Title
2. Content Name
3. Content Attempt Number
4. Timespent in Content Attempt (HH:MI:SS)
5. Video Duration (HH:MI:SS)
6. Video Watched Duration Session (HH:MI:SS)
7. Is Video Completed

Metrics

This report uses the following metrics:

1. Video Watched Duration Session (Minutes)

Use case

N/A

New Attributes

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.

Table 4: Learning Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Anonymous Pulse Custom Survey	Respondent ID	Dimension	No	Respondent ID present in the Exported Response of the Anonymous Custom Survey
Assessment Results	Assessment Sub Topic Name	Dimension	Yes	Assessment Sub Topic Name
Assessment Question Details	Assessment Sub Topic Name	Dimension	Yes	Assessment Sub Topic Name
Courses	Course Curricula Name	Dimension	No	Name of the curricula associated with the Course
Courses	Course Notes	Dimension	No	Course Notes

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Courses	Course Note Added On	Dimension	No	Course Note Added On
Courses	Course Note Added By	Dimension	No	Course Note Added By
Courses	Course Note Added By Username	Dimension	No	Course Note Added By Username
Content Details	Video Created On	Dimension	Yes	Date on which video was created
Content Details	Video Updated On	Dimension	Yes	Date on which video was last updated
Content Details	Video Created By (Fullname)	Dimension	Yes	Full Name of the person who created the video
Content Details	Video Created By	Dimension	Yes	Username of the person who created the video
Content Details	Video Updated By (Fullname)	Dimension	Yes	Full Name of the person who updated the video
Content Details	Video Updated By	Dimension	Yes	Username of the person who updated the video
Content Details	Video Deleted By (Fullname)	Dimension	Yes	Full Name of the person who deleted the video
Content Details	Video Deleted By	Dimension	Yes	Username of the person who deleted the video
Content Details	Video Duration (Minutes)	Dimension	Yes	Duration of the video in minutes **Note:** The size and duration of the video will be reported accurately only post 48 hours after the video is uploaded.

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Content Details	Video Duration (HH:MI:SS)	Dimension	N	Duration of the video in HH:MI:SS format **Note:** The size and duration of the video will be reported accurately only post 48 hours after the video is uploaded.
Content Details	Video Status	Dimension	Yes	Status of the video
Content Details	Video Upload Type	Dimension	Yes	Video Upload Type
Content Details Catalog	Video Created On	Dimension	Yes	Date on which video was created
Content Details Catalog	Video Updated On	Dimension	Yes	Date on which video was last updated
Content Details Catalog	Video Created By (Fullname)	Dimension	Yes	Full Name of the person who created the video
Content Details Catalog	Video Created By	Dimension	Yes	Username of the person who created the video
Content Details Catalog	Video Updated By (Fullname)	Dimension	Yes	Full Name of the person who updated the video
Content Details Catalog	Video Updated By	Dimension	Yes	Username of the person who updated the video
Content Details Catalog	Video Deleted By (Fullname)	Dimension	Yes	Full Name of the person who deleted the video
Content Details Catalog	Video Deleted By	Dimension	Yes	Username of the person who deleted the video
Content Details Catalog	Video Duration (Minutes)	Dimension	Yes	Duration of the video in minutes **Note:** The size and duration of the video will be reported accurately only post 48 hours after the video is uploaded.

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Content Details Catalog	Video Duration (HH:MI:SS)	Dimension	N	Duration of the video in HH:MI:SS format **Note:** The size and duration of the video will be reported accurately only post 48 hours after the video is uploaded.
Content Details Catalog	Video Status	Dimension	Yes	Status of the video
Content Details Catalog	Video Upload Type	Dimension	Yes	Video Upload Type
Lesson Details	Video Watched Duration Session (Minutes)	Dimension	Yes	Video Watched Duration Session (Minutes)
Lesson Details	Video Watched Duration Session (HH:MI:SS)	Dimension	Yes	Video Watched Duration Session (HH:MI:SS)
Lesson Details	Video Watched Duration Session (Minutes)	Metric	Yes	Maximum Video Watched Duration Session (Minutes)
Lesson Details	Video Watched Duration All Sessions (Minutes)	Dimension	Yes	Total Video Watched Duration All Sessions (Minutes)
Lesson Details	Video Watched Duration All Sessions (HH:MI:SS)	Dimension	Yes	Total Video Watched Duration All Sessions (HH:MI:SS)
Lesson Details	Is Video Completed	Dimension	Yes	Is Video Completed
Lesson Details	Video Launch Device	Dimension	No	Device from which video is launched. E.g. Web, Android, iOS

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Learner Certific~ation Details	Is Certification Granted	Dimension	No	Shows Yes If the Certification was Granted to the learner
Learner Cur~ricula Details	Is Curriculum Granted	Dimension	No	Shows Yes If the Curriculum was Granted to the learner
Orders and Or~derItems	Is Subscription Order	Dimension	No	Shows Yes if the order is of type Subscription Order
Review Section	Section Weight	Dimension	No	Section Weight
Review Section	Section Weight Percentage	Dimension	No	Section Weight Percentage
Survey And Evaluations	Content Owner Name	Dimension	Yes	Content Owner Name
Survey And Evaluations	Content Owner Username	Dimension	Yes	Content Owner Username

Use case

Users can now pull these new attributes (Dimensions / Metrics) when creating or updating Analytics reports.

Analytics

How did it work?

These are new attributes.

How does it work now?

This section describes the attributes that have been added under the Analytics reports model in the Saba application.

Table 5: Analytics Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Reports	Is Subscription Creator Termin~ated	Dimension	No	Shows Yes if the person who created report subscription was terminated. This field may not reflect the data immediately as it depends on a background process to update the subscriptions in Analytics
Reports	Subscription Creator Termin~ated On	Dimension	No	Termination date for the Subscription Creator

Use case

Users can now pull these new attributes (Dimensions / Metrics) when creating or updating Analytics reports.

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.

Table 6: Profile Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Audience Type Details	Audience Type / Sub-Type name	Dimension	No	Audience Type / Sub-Type name
Audience Type Details	Associated Audience Sub~type Name	Dimension	No	Associated Audience Subtype Name
Audience Type Details	Audience Type / Sub Type Do~main	Dimension	No	Audience Type / Sub Type Domain

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Audience Type Details	Audience Type / Sub Type Description	Dimension	No	Audience Type / Sub Type Description
Audience Type Details	Audience Type Member Selection Criteria	Dimension	No	Audience Type Member Selection Criteria
Person Details	Person Last Login Date	Dimension	No	Last logged in date for person
Person Details	Person Last Logout Date	Dimension	No	Last Logged out date for Person
Position	Is Position Filled	Dimension	No	Dimension
Position	Is Position Partially Filled	Dimension	No	Dimension
Position	Is Position Unfilled	Dimension	No	Dimension
Position	Total Incumbents	Dimension	No	Dimension

Use case

Users can now pull these new attributes (Dimensions / Metrics) when creating or updating Analytics reports.

Talent

How did it work?

These are new attributes.

How does it work now?

This section describes the attributes that have been added under the Talent reports model in the Saba application.

Table 7: Talent Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Talent Pool	Talent Pool Pool Type	Dimension	No	Type of Talent pool e.g. Generic, Person, Posi~tion, Job
Talent Pool	Talent Pool Target Name	Dimension	No	Show the name of the Job, Position or Person set as target for the Talent Pool
Talent Pool	Talent Pool Target Person Name	Dimension	No	Show the Full name of the person set as target for Talentpool
Talent Pool	Talent Pool Target Job Name	Dimension	No	Show the name of the job set as target for Talent~pool
Talent Pool	Talent Pool Target Position Title	Dimension	No	Show the name of the position set as target for Talentpool

Use case

Users can now pull these new attributes (Dimensions / Metrics) when creating or updating 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.

Table 8: Recruiting Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Job Requisition Details	Meeting De~scription	Dimension	No	Description for the meeting scheduled

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Job Requisition Details	Job Requisition Job Location Custom0	Dimension	No	Custom0 field for the Job Location present in the Job Requisition
Job Requisition Details	Job Requisition Job Location Custom1	Dimension	No	Custom1 field for the Job Location present in the Job Requisition
Job Requisition Details	Job Requisition Job Location Custom2	Dimension	No	Custom2 field for the Job Location present in the Job Requisition
Job Requisition Details	Job Requisition Job Location Custom3	Dimension	No	Custom3 field for the Job Location present in the Job Requisition
Job Requisition Details	Job Requisition Job Location Custom4	Dimension	No	Custom4 field for the Job Location present in the Job Requisition
Job Requisition Details	Job Requisition Job Location Custom5	Dimension	No	Custom5 field for the Job Location present in the Job Requisition
Job Requisition Details	Job Requisition Job Location Custom6	Dimension	No	Custom6 field for the Job Location present in the Job Requisition
Job Requisition Details	Job Requisition Job Location Custom7	Dimension	No	Custom7 field for the Job Location present in the Job Requisition
Job Requisition Details	Job Requisition Job Location Custom8	Dimension	No	Custom8 field for the Job Location present in the Job Requisition
Job Requisition Details	Job Requisition Job Location Custom9	Dimension	No	Custom9 field for the Job Location present in the Job Requisition

Use case

Users can now pull these new attributes (Dimensions / Metrics) when creating or updating 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.

Table 9: Performance Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Review Section	Section Weight	Dimension	No	Section Weight
Review Section	Section Weight Percentage	Dimension	No	Section Weight Percentage

Use case

Users can now pull these new attributes (Dimensions / Metrics) when creating or updating 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.

Table 10: Social Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
File/URL/Video	Video Created On	Dimension	Yes	Date on which video was created
File/URL/Video	Video Updated On	Dimension	Yes	Date on which video was last updated
File/URL/Video	Video Created By (Fullname)	Dimension	Yes	Full Name of the person who created the video
File/URL/Video	Video Created By	Dimension	Yes	Username of the person who created the video
File/URL/Video	Video Updated By (Fullname)	Dimension	Yes	Full Name of the person who updated the video
File/URL/Video	Video Updated By	Dimension	Yes	Username of the person who updated the video
File/URL/Video	Video Deleted By (Fullname)	Dimension	Yes	Full Name of the person who deleted the video
File/URL/Video	Video Deleted By	Dimension	Yes	Username of the person who deleted the video
File/URL/Video	Video Duration (Minutes)	Dimension	Yes	Duration of the video in minutes **Note:** The size and duration of the video will be reported accurately only post 48 hours after the video is uploaded.
File/URL/Video	Video Duration (HH:MI:SS)	Dimension	No	Duration of the video in HH:MI:SS format **Note:** The size and duration of the video will be reported accurately only post 48 hours after the video is uploaded.
File/URL/Video	Video Status	Dimension	Yes	Status of the video

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
File/URL/Video	Video Upload Type	Dimension	Yes	Video Upload Type
Blogs/Work~space/Chan~nelVideo	Video Created On	Dimension	Yes	Date on which video was created
Blogs/Work~space/Chan~nelVideo	Video Updated On	Dimension	Yes	Date on which video was last updated
Blogs/Work~space/Chan~nelVideo	Video Created By (Fullname)	Dimension	Yes	Full Name of the person who created the video
Blogs/Work~space/Chan~nelVideo	Video Created By	Dimension	Yes	Username of the person who created the video
Blogs/Work~space/Chan~nelVideo	Video Updated By (Fullname)	Dimension	Yes	Full Name of the person who updated the video
Blogs/Work~space/Chan~nelVideo	Video Updated By	Dimension	Yes	Username of the person who updated the video
Blogs/Work~space/Chan~nelVideo	Video Deleted By (Fullname)	Dimension	Yes	Full Name of the person who deleted the video
Blogs/Work~space/Chan~nelVideo	Video Deleted By	Dimension	Yes	Username of the person who deleted the video
Blogs/Work~space/Chan~nelVideo	Video Duration (Minutes)	Dimension	Yes	Duration of the video in minutes **Note:** The size and duration of the video will be reported accurately only post 48 hours after the video is uploaded.

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Blogs/Work~space/Chan~nelVideo	Video Duration (HH:MI:SS)	Dimension	No	Duration of the video in HH:MI:SS format **Note:** The size and duration of the video will be reported accurately only post 48 hours after the video is uploaded.
Blogs/Work~space/Chan~nelVideo	Video Status	Dimension	Yes	Status of the video
Blogs/Work~space/Chan~nelVideo	Video Upload Type	Dimension	Yes	Video Upload Type
Video Details	Video file name	Dimension	No	Name of the video file
Video Details	Video file size	Dimension	No	Video file size **Note:** The size and duration of the video will be reported accurately only post 48 hours after the video is uploaded.
Video Details	Video Up~loaded On Date	Dimension	No	Date on which video was uploaded
Video Details	Video Up~loaded By (Fullname)	Dimension	No	Full Name of the person who uploaded the video
Video Details	Video Up~loaded By	Dimension	No	Username of the person who uploaded the video
Video Details	Video Up~loaded User Group Name	Dimension	No	Group Name of which the user who uploaded the video is member of. There can be multiple group to which the person who uploaded the video is member of.
Video Details	Video Deleted By (Fullname)	Dimension	No	Full Name of the person who deleted the video

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Video Details	Video Deleted By	Dimension	No	Username of the person who deleted the video
Video Details	Video Duration (Minutes)	Dimension	No	Duration of the video in minutes **Note:** The size and duration of the video will be reported accurately only post 48 hours after the video is uploaded.
Video Details	Video Duration (HH:MI:SS)	Dimension	No	Duration of the video in HH:MI:SS format **Note:** The size and duration of the video will be reported accurately only post 48 hours after the video is uploaded.
Video Details	Video Status	Dimension	No	Status of the video
Video Details	Video Upload Type	Dimension	No	Video Upload Type
Video Details	Total Videos Duration (Minutes)	Metric	No	Total duration of the video
Video Details	Average Videos Dura~ tion (Minutes)	Metric	No	Average duration of the video
Video Details	Total Videos Uploaded	Metric	No	Total videos uploaded
Video Details	Total Videos Deleted	Metric	No	Total videos deleted
Video Usage	Video Watched Duration (Minutes)	Dimension	No	Video Watched Duration Session (Minutes)
Video Usage	Video Watched Duration (HH:MI:SS)	Dimension	No	Video Watched Duration Session (HH:MI:SS)

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Video Usage	Video View Count Recorded On	Dimension	No	Date on which video view is recorded
Video Usage	Is Video Completed	Dimension	No	Is Video Completed
Video Usage	Total Videos Watched Duration (Minutes)	Metric	No	Total video watched duration
Video Usage	Average Videos Watched Duration (Minutes)	Metric	No	Average video watched duration
Video Usage	Video View Count	Metric	No	Total view count for the video
Video Usage	Video Launch Device	Dimension	No	Device from which video is launched. E.g. Web, Android, iOS
Video Details	Video Owner Type	Dimension	No	Owner type of the video
Video Details	Video Owner Name	Dimension	No	Owner name of the video
Video Details	Is 360 Video	Dimension	No	Is 360 Video

Use case

Users can now pull these new attributes (Dimensions / Metrics) when creating or updating Analytics reports.

Updated Attributes

Learning

How did it work?

The following attributes were previously found under the **Module Details** entity:

- Is required module
- Is disabled module
- Is evaluation
- Is signoff required
- Is draft module
- Module start time
- Module end time

How does it work now?

These attributes have been moved and are now found under the **Content Details** entity.

Performance

How did it work?

The following attributes were previously found under the **Worknotes** entity:

- Worknote Title
- Worknote Description
- Worknote Category
- Is Private Worknote
- Worknote Due Date
- Worknote Created On
- Worknote On
- Worknote On Username
- Worknote Contributor
- Worknote Contributor Username
- Worknote Linked To
- Total Worknotes

How does it work now?

These attributes have been renamed, moved and are now found under the **Check-in Tasks** entity:

- Task Title
- Task Description
- Task Category
- Is Private Task
- Task Due Date
- Task Created On
- Task On
- Task On Username
- Task Contributor
- Task Contributor Username
- Task Linked To
- Total Tasks

Chapter 2

Ecommerce

Topics:

- Enhancements to private class

Enhancements to private class

How did it work?

The catalog administrator and registrar could not automatically filter orders placed for purchasing private classes.

How does it work now?

The following enhancements are made to orders related to private classes:

1. The **Display for Learner** checkbox is disabled by default for classes that are created from learning requests with private class orders. Such classes do not appear in search results.
2. A **Private Class** checkbox has been added to the search filters on the **Manage Classes** > **Classes** page that allows the catalog administrator to search only for private classes. By default, this checkbox is disabled. The similar checkbox **Private Class Purchase** also appears on the **Order History** page under Registrar Desktop.

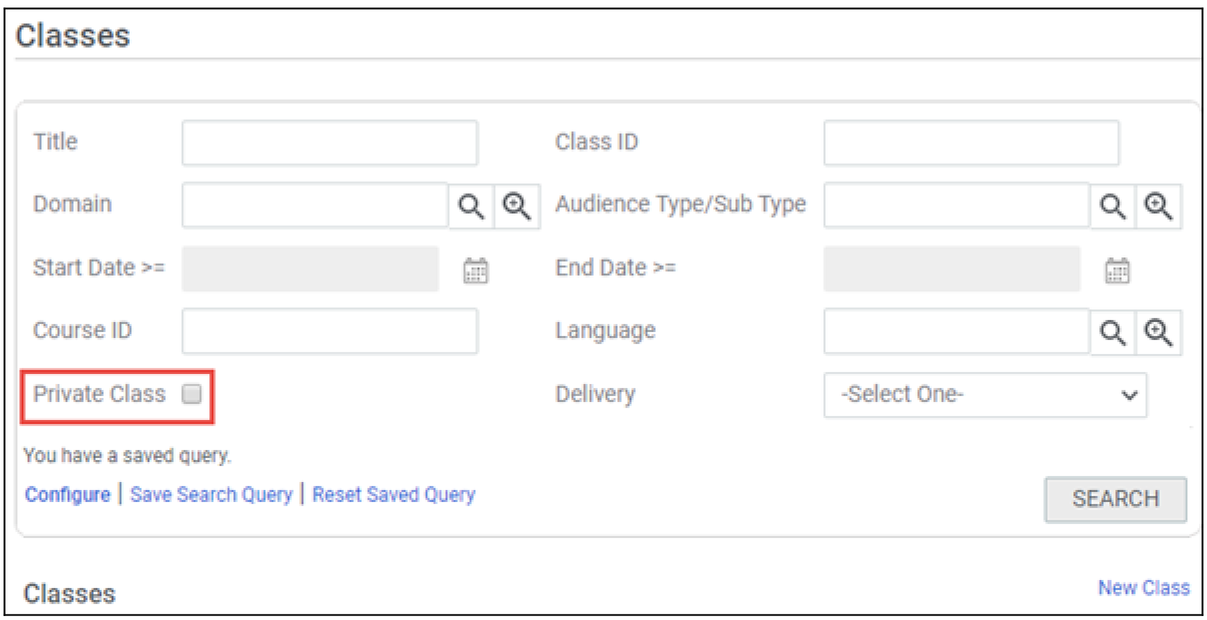


Figure 17: Classes page

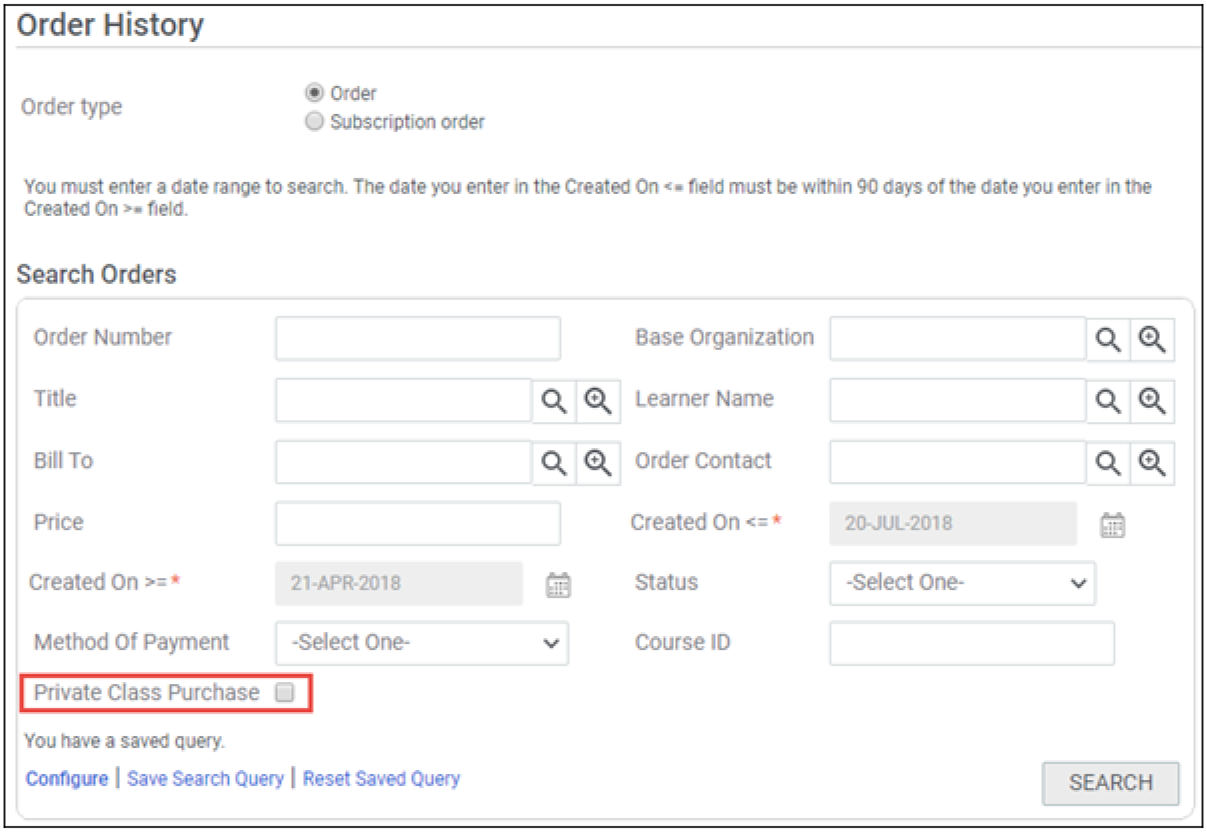


Figure 18: Order History page

3. On the class details page, a **Private Class Information** section appears that displays the order number associated with the class and it opens the order details.

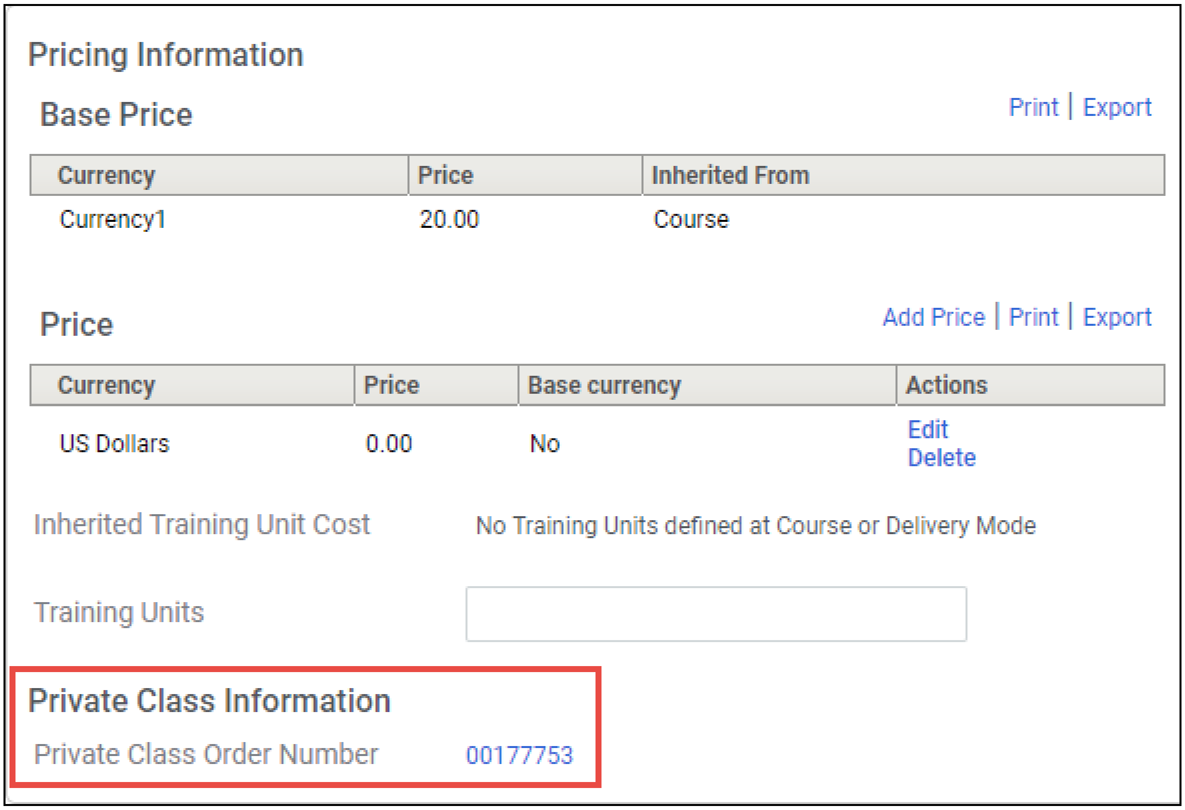


Figure 19: Private class details page

4. On the private class purchase order details page, the **Order Items** section denotes whether its a private class.

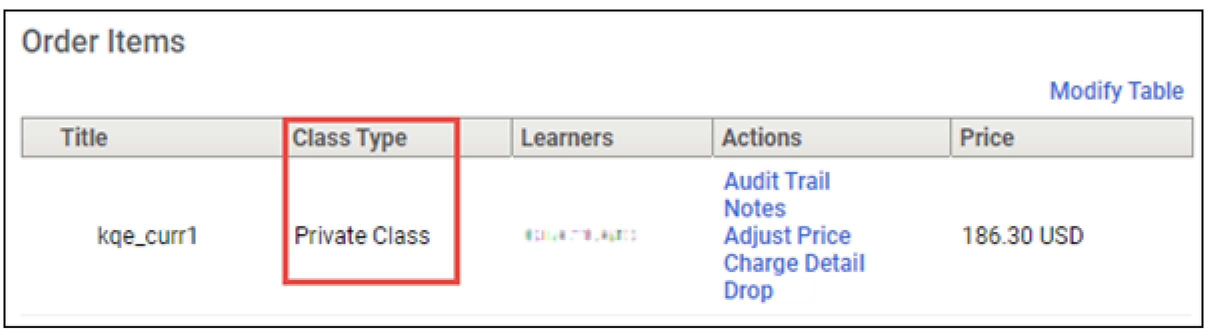


Figure 20: Private class purchase order details page

5. On the Registrar Desktop > Order History page, the Class type column has been removed.
6. Registrar can now adjust the price for private class orders that are already placed or while placing orders.

Use case

This improves the usability of private class.

Chapter 3

Learning

Topics:

- Assessment
- Content
- Learning Activity

Assessment

Enhancement to rating scales

How did it work?

Evaluation results displayed ordinal values for scale type questions. For example, if a scale was defined as "Strongly Agree" with an ordinal number of 5, Saba Cloud displayed 5 rather than the words "Strongly Agree".

How does it work now?

With this update, evaluation results for scale type questions display the name of the scale and not their ordinal value.

Continuing with the above example, the evaluation results now display the words "Strongly Agree" to users.

This change affects the following evaluation flows for learners and managers:

- Evaluation per question
- Evaluation per user

To view evaluation results, go to class **Results** and click **View Evaluation** .

Use case

There is a need to enhance the usability of scales and their interpretation in evaluation results.

Delete folders with archived questions

How did it work?

Saba Cloud prevented assessment administrators from deleting empty folders for questions, tests, and surveys. This happened because:

- The folder contained archived questions, which were not visible.
- Even after newer versions of questions, tests, and surveys were moved to other folders, their deprecated versions were still associated to the earlier folders.

How does it work now?

With this update, Saba Cloud now allows assessment administrators to delete empty folders for questions, tests, and surveys even if they contained archived questions or references to retired questions, tests, and surveys.

If a folder contains archived questions or any references to retired questions, tests, and surveys, then their reference is changed to predefined internal folders that are not displayed.

This enhancement is applicable to Learning, Recruiting, and Pulse assessments.

Use case

There is a need to enhance the usability of the folder deletion process for questions, tests, and surveys.

Manage security for test and survey folders

How did it work?

Assessment authors could define managed security for test and survey question folders, as well as individual tests and surveys. However, there was no option to define managed security for test and survey folders.

How does it work now?

Assessment authors can now define managed security for test and survey folders they own. Managed security allows the author to define specific users who can view and edit the test or survey. Under the managed security model, they must specify one or more users who can view, edit, preview, and publish the test or survey. Only the owner of the test or survey folder can delete, though.

Note:

- Managed security feature is available only if the **Advanced Assessment** service is enabled by your system administrator.
- Currently, managed security is available only for Learning tests and surveys.

By default, test and survey folders do not have managed security. The default access control mechanism is domain-based.

To define managed security for a test/survey folder, go to **Learning > Manage Assessment > Manage Test & Survey**, create the folder, click the settings icon, and then click **Manage Security**.

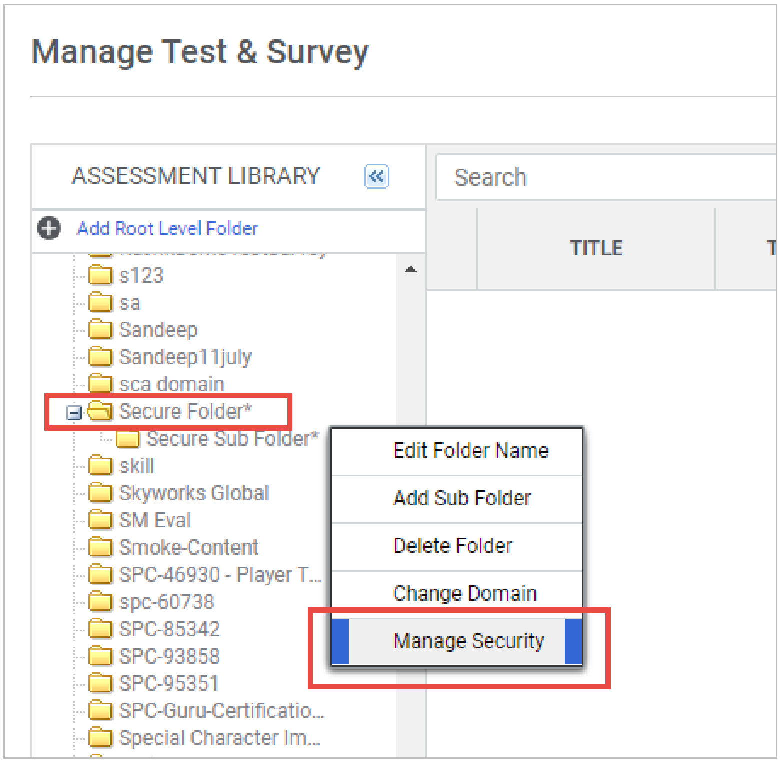


Figure 21: Manage Security option

In the **Manage Security** popup page, select the **Manage** option and search for and select users who you want to grant access rights to the folder.

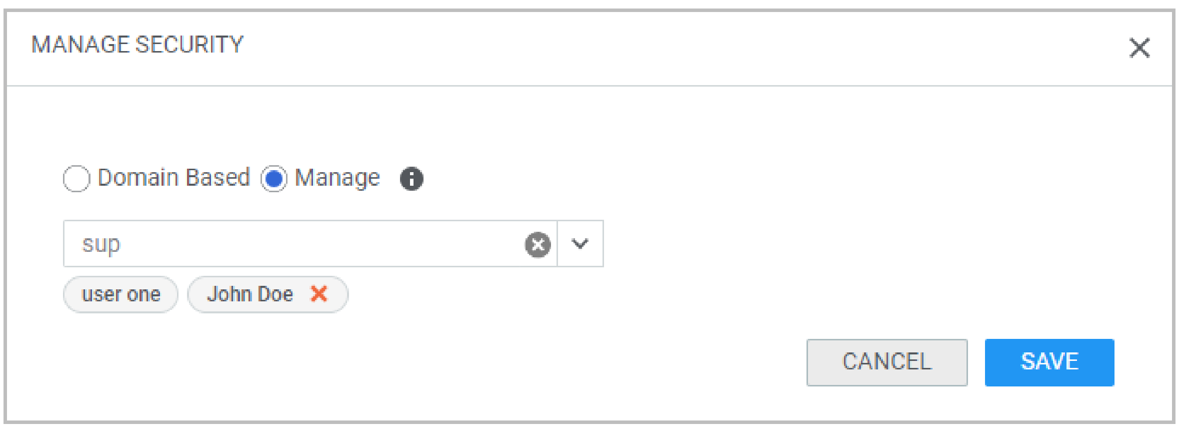


Figure 22: Test/Survey folder managed security

The folder-level security is inherited by all tests or surveys created under the folder. If folder-level security is defined, then you cannot change the managed security at the test or survey level in that folder.

Note: However, if any test or survey under a folder already has managed security defined at the test or survey level, then Saba Cloud does not allow you to define managed security for the folder. You must first change the test or survey level security to domain security and then define folder-level managed security.

If managed security is defined for a test or survey folder, then you cannot move tests or surveys out of the folder.

Managed security defined for a parent folder can be inherited by its child folders by selecting the **Inherit Management** option. If you want to give access rights to more users, you need to select the **Manage** option and add users.

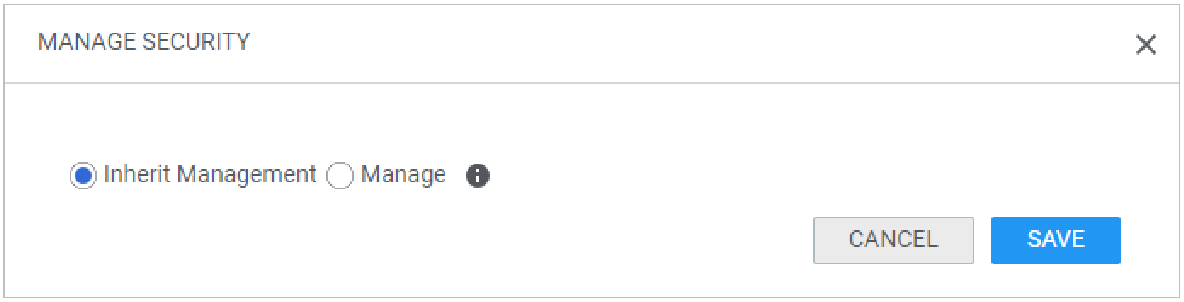


Figure 23: Inherit security to child folders

Managed access does not control the test or survey usage, though. For example, a catalog administrator, who is not have to be part of folder security, can attach a test for which managed security is defined. The security controls who can edit the test, but not where the test is used.

Use case

Administrators using a template type approach to defining security for assessments need not set up access control for each test or survey. If they can define access control at the folder level, all tests or surveys in that folder can inherit the security and help save time and effort.

New question types for surveys

How did it work?

N/A

How does it work now?

With this update, Saba Cloud introduces the following new question types for surveys:

- Smiley

  This question type supports answer choices as smileys ranging from "Happiest" to "Saddest". The answer can be configured to contain either 3 or 5 choices.

  Users taking the survey question can see the smiley image and its description. They can click a smiley to answer the question.

- Star

  This question type supports star ratings. The question can be configured to contain from 1 to 5 stars. They do not contain any choices.

  Users taking the survey question can click one or more stars to answer the question.

- Ranking

  This question type supports answer choices that can be ranked by their scores.

  Users taking the survey question can drag and drop the choices as needed to decide their rank.

- Numeric

  This question type supports a numeric range of values.

Users taking the survey question can specify a numeric value between the defined range.

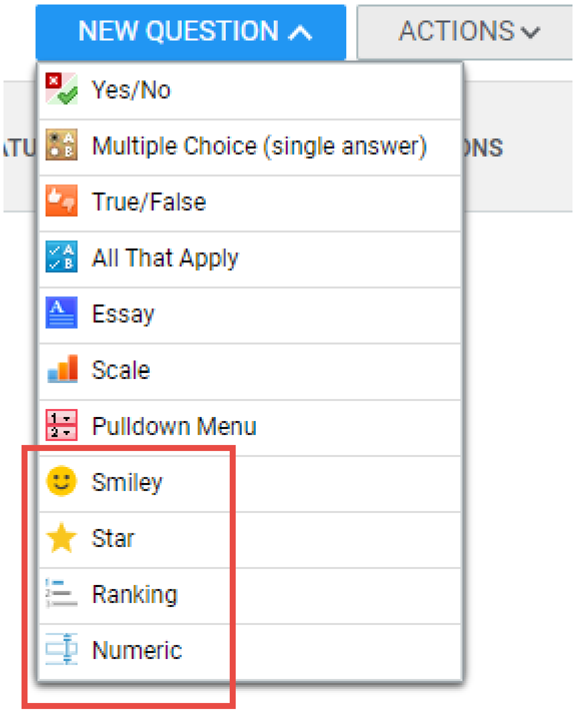


Figure 24: New survey question types

These new questions cannot be used as:

- branching questions, and
- demographic questions

Currently, the responses for the following new questions are not exported as part of custom survey results:

- Ranking
- Numeric

Use case

There is a need to enhance simple surveys, so that they support additional question types such as smileys, ratings, and so on.

Link content questions to other test questions

How did it work?

Saba assessment did not provide the ability to link one or more questions, especially content type questions, to other questions. So, if users wanted to use some content as reference material while answering a question in the assessment player, they had no option but to refer to it outside of the player.

How does it work now?

Saba Cloud now provides the ability to link a "Content" type question to other test questions in the same folder. While taking the test, the linked content question is displayed concurrently in a split screen in the same assessment player window.

Note: This feature is only applicable for tests and is available when the **Advanced Assessment** service is enabled. It is not applicable for surveys.

To enable this ability, this update introduces the following new fields for test questions only:

- **Case Study**

  Setting this field to **Yes**, allows assessment administrators to link a content question to the question being edited. When set to **Yes**, its related fields are enabled.

- **Select content**

  This field is enabled only if the **Case Study** field is set to **Yes**. Select a content question from the dropdown list to link to the edited question. Only "Content" type questions in the same folder as the edited question are displayed in this list.

- **Case study linked content question**

  This field is enabled only if the **Case Study** field is set to **Yes**. When you select a question from the **Select content** list, this field is automatically populated with details from the selected question.

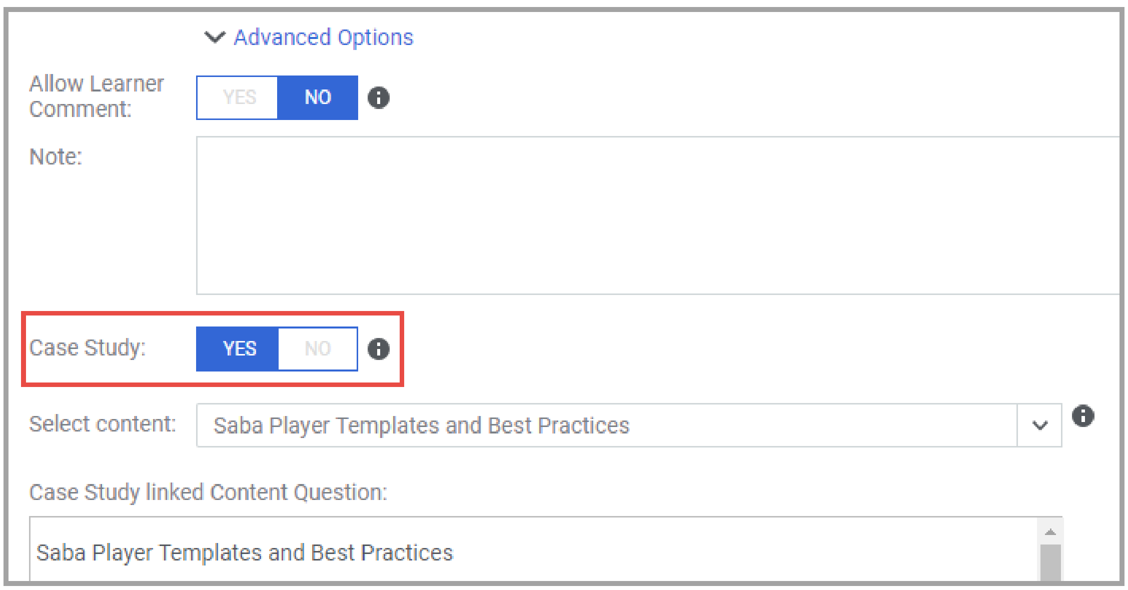


Figure 25: Link content question to other questions

Assessment administrators can link only one content question to another question of any type, including content type. Each question in a test can have different content questions linked to it.

If a question is linked to another question in a folder, then Saba Cloud locks the question until the reference link exists. Assessment administrators cannot move, archive or delete a linked question.

If the test property **Multiple Questions Per Page** is disabled and if the test contains linked content questions, then the assessment player's content display area is vertically divided into two panels and the linked question is displayed in the left **Case Study Statement** panel. See image below.

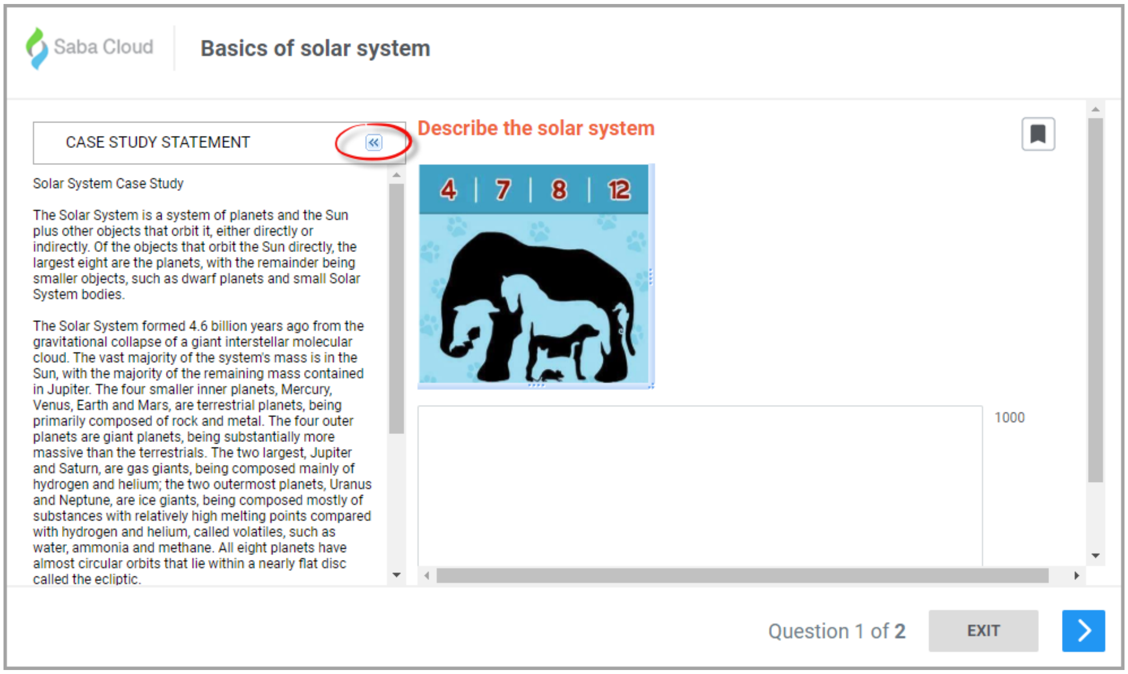


Figure 26: Test containing linked content question with single question per page

The **Case Study Statement** panel containing the linked content question can be collapsed if not required. See image below.

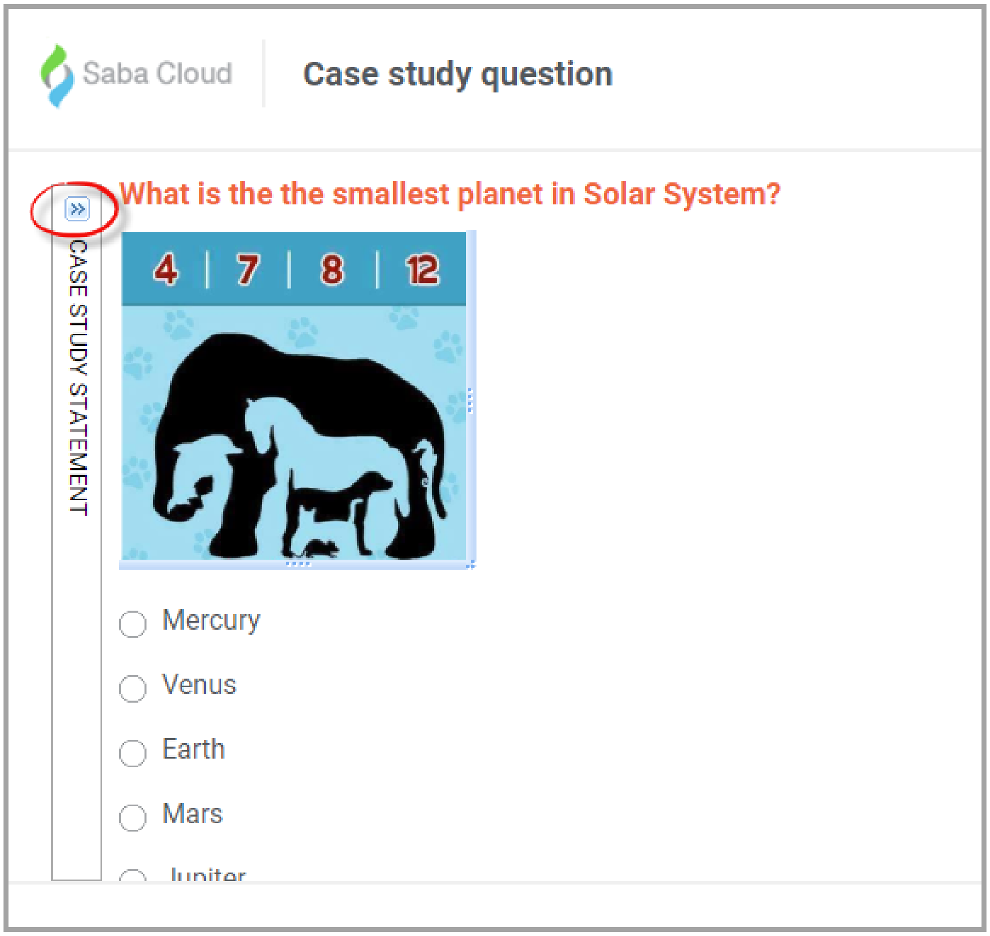


Figure 27: Test containing linked content question with panel collapsed

If the test property **Multiple Questions Per Page** is enabled and if the test contains linked content questions, then the assessment player's content displays the linked question first followed by the actual test questions. See image below.

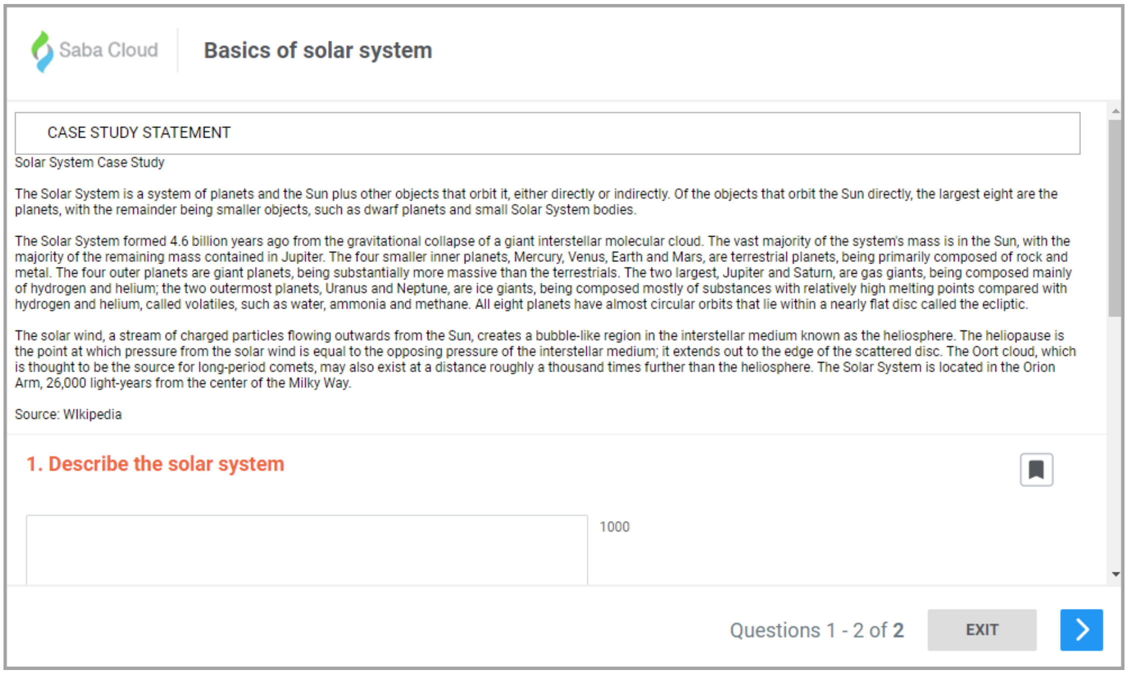


Figure 28: Test containing linked content question with multiple questions per page

Limitations:

- Linking of questions across multiple folders is not supported.

Use case

Saba assessments need to support case study type questions from external systems. When such case study questions are linked to another question, the player can display both the questions concurrently on a split screen. This allows users taking the test to use the case study question as reference material while answering the main question.

Simple surveys for end users

How did it work?

Only content administrator and pulse administrator could create a survey.

How does it work now?

An end user can now create a simple survey and share it among desired users to get responses. The user must have **Simplified Survey Privileges** role where the **Can Manage Simplified Surveys** privilege is enabled on the **System** component. By default, this privilege is disabled. To enable, contact your people administrator.

The user can navigate to **ME** > **Manage Survey** to create and manage surveys.

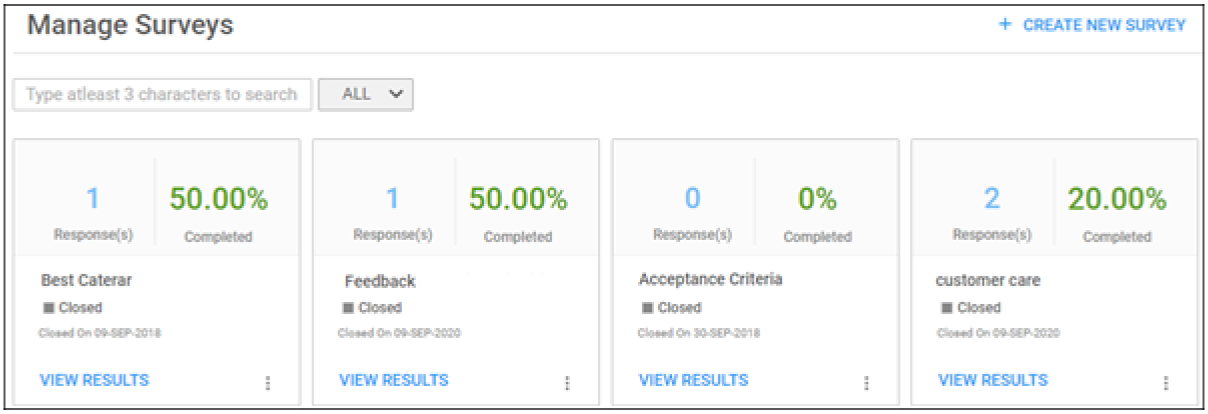


Figure 29: Manage Surveys dashboard

On the **Manage Surveys** page, all the created surveys appear as cards. The cards are displayed based on the recently updated surveys irrespective of its status. The survey can be in the following statuses:

- Draft - Appears when the survey is partially created and not published.
- Active - Appears when the published survey is in progress and users are attempting it. It falls within the start and end date.
- Scheduled - Appears when you publish the survey before it's start date.
- Closed - Appears when the survey is completed and closes on its end date.

You can also use the Search bar to search for the desired survey and narrow your search criteria by using the status corresponding to the Search bar.

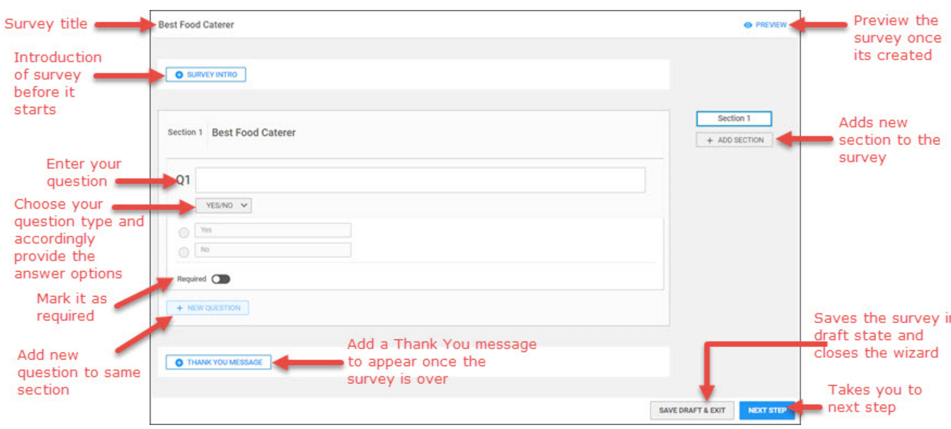


Figure 30: Step 1 of Survey

The first section of the survey gets created with a survey name. You can edit the section name, if needed. You can delete the section, if needed. Within the section, you can reorder questions. Similarly, you can reorder sections as well.

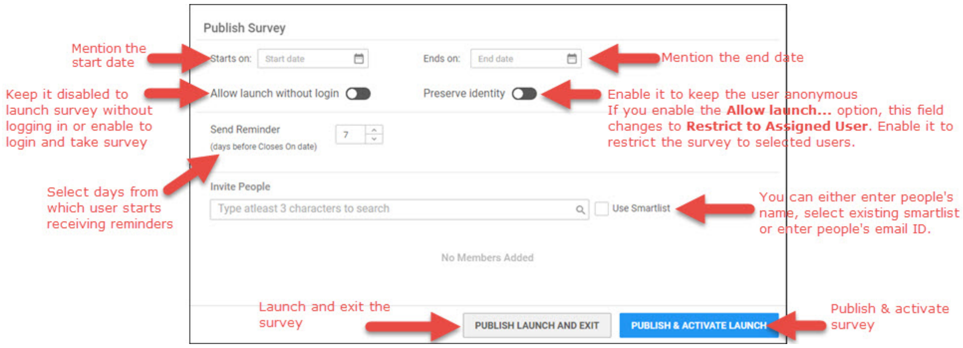


Figure 31: Step 2 of Survey

Once the survey is activated, the end user receives a link via an email and inbox notification. The end user must launch the survey, log in (if configured) and complete the survey. The player is clean, elegant, fast and responsive. Each section appears on one page. You can also see the completion progress at the bottom of the survey.

Figure 32: End user view

You can view the responses, completion status, export responses for each surveys that are taken.

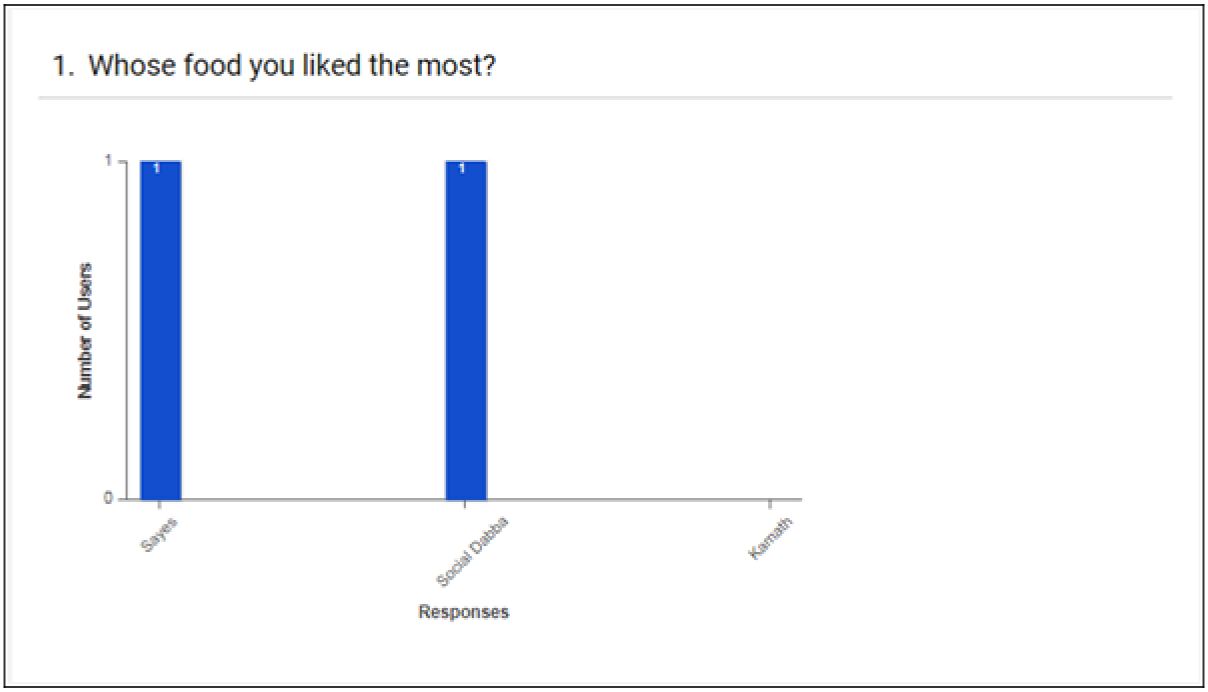


Figure 33: Survey results

You can close the survey once it is completed or it will be closed automatically on the **Ends on** date. You can delete only those surveys that are in Draft status.

You can access your latest top 3 surveys from the **Recent Surveys** portlet on the Home page. On this portlet, you can check the number of responses received for the survey, create new survey, and navigate to your surveys.

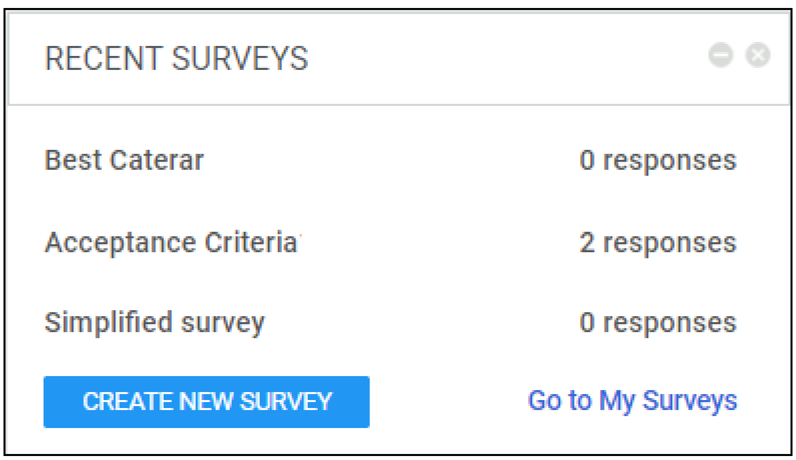


Figure 34: Recent Surveys portlet

Use case

This feature breaks the dependency on admins to create a survey and now lets the end user create simple surveys for peers and departments.

Content

New content player

How did it work?

Users did not have any alternatives, other than the regular Saba Content Player, to launch their content.

How does it work now?

Saba Cloud introduces a new content player called the "NG (Next Generation) Content Player" for displaying content for courses created using the simplified course creation work flow.

Configuration

System administrators must configure the following setting in the new **Learning Beta** service under **Learning**:

- **Enable content player preferences**

  Enable this setting to allow users to select their content player preferences.

By default, the **Learning Beta** service and the setting is disabled.

Learning Preferences

Once the setting is enabled for a user's domain, the user can view the following new **Learning Preferences** under their **Account Preferences**. The learning preferences allow users to select the content player for launching content.

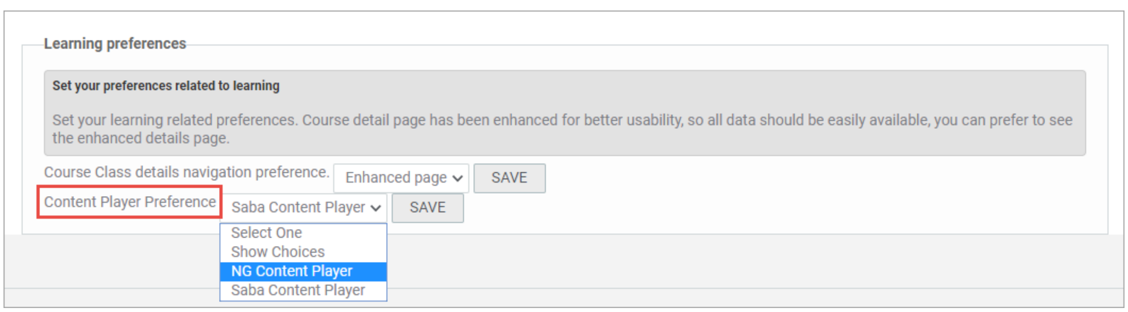


Figure 35: Learning preferences for the content player

- **Content player preference**

  Select one of the following options for selecting the appropriate content player:

  - Show Choices - Selecting this option provides users with a choice to select either the NG Content Player or the Saba Content Player before launching the content. This is the default selection.
  - NG Content Player - Selecting this option launches the new NG Content Player.
  - Saba Content Player - Selecting this option launches the regular Saba Content Player.

NG Content Player

The NG Content Player provides learners with a clean intuitive overview of the course and the statuses of all activities they have taken as part of that course.

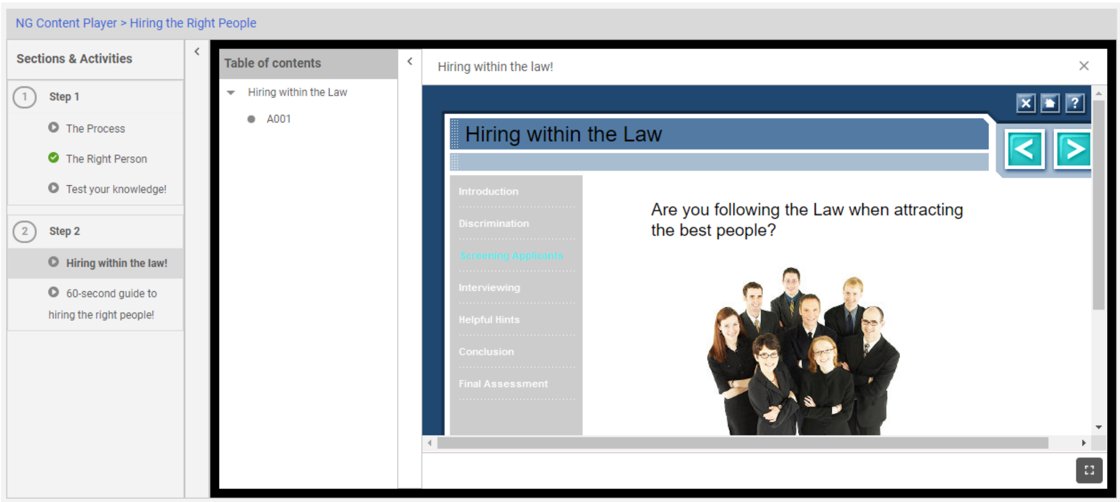


Figure 36: NG Content Player

Features

The NG Content Player has the following features:

- The player is a standalone content player having its own static properties.
- The player has static dimensions which are responsive to the user's devices.
- Includes a Sections & Activities area, which displays all course activities and sections.
- Includes the new Content Player View, which displays the content TOC and the actual content.
- The Sections & Activities area can be minimized with the sidebar.
- Clicking on an activity opens the respective content in the Content Player View.
- Successful completion of content displays a Successful status in the Sections & Activities area in the form of colored flags.
- the player launches content in a New Window (browser popup window) if content type is Deployed SCORM or Tin Can.
- If the player has video content, then it is played inline with the browser's built-in HTML5 player.

Supported Content Formats

The NG Content Player supports the following content formats:

- File
- AICC
- ZIP
- SCORM
- Tin Can

Supported Browsers

The NG Content Player supports the following browsers:

- Chrome (mobile and desktop) – latest version
- Firefox – latest version
- Internet Explorer - IE 11 and greater
- IE Edge – latest version

Note: If you are using any unsupported browsers such as Internet Explorer 10 or previous IE versions, then the content is launched in the regular Saba Content Player, irrespective of the Content Player Preferences set by a user.

Use case

Content player needs to support various features offered by courses created using the simplified course creation work flow.

Enhanced OLSA integration

How did it work?

Saba Cloud supported OLSA integration. However, many features such as asset integration and catalog sync were not supported.

How does it work now?

With this update, Saba Cloud enhances OLSA integration to support the following new features:

- Enhanced Asset Integration
- Catalog Sync
- Full Sync

Enhanced Asset Integration

The asset integration feature supports the XMLX format, which allows content administrators to pull in the following additional metadata while importing OLSA content:

- Thumbnail images for courses and categories
- More descriptive data to enhance search
- Launch URL, which is used as the launch mechanism
- Class Type (for example, Interactive Resource)
- Course Language
- Course Duration
- Course Image
- Course Tags
- Audience
- Mobile Compatibility
- Prerequisites
- Expertise
- Keywords

To retrieve the additional metadata, content administrators must select the new **Enable Rich Metadata** checkbox on the OLSA content vendor page while configuring the vendor.

To configure a content vendor, go to **Admin > Learning > Manage Content > Content Vendors** > search for and edit an OLSA vendor, and click the **Synchronization Setup** tab.

Note: As part of this update, the **Is Scoring** flag is set to "false" for all imported Skillsoft content because Skillsoft does not send mastery score in the metadata. Skillsoft sends a score to the LMS for any assessment attempt and sends a lesson status of either "incomplete" or "completed" depending on whether the user has satisfied the completion requirements.

Catalog Sync

The catalog sync support allows content administrators to retrieve the catalog hierarchy from Skillsoft and create corresponding categories in Saba Cloud. Skillsoft categories cannot be "Featured" categories, though.

Catalog synchronization provides the following features:

- Gets the category structure from Skillsoft to Saba Cloud, which includes:
  - Name of category (localized),
  - Description (localized if available)
- Thumbnails
- Frequency must match the course sync frequency
- Scoped User feature - Allows retrieval of a smaller list of categories relevant to the scoped user rather than retrieving all categories in Skillsoft.

Note: Saba does not recommend renaming categories imported from Skillsoft. Doing so can result in the creation of duplicate categories.

If both the **Enable Rich Metadata** and the **Create WBT Course** checkboxes on the OLSA content vendor page are enabled, then the Catalog sync is automatically enabled. If these checkboxes are selected, and you perform a sync (full or delta), then Saba Cloud imports the category metadata and creates or updates the category hierarchy called "Skillsoft Library" under **Learning** > **Manage Categories** > **Categories**.

While the catalog synchronizing process is in progress, you can continue your work. On completion of the synchronization cycle, the catalog synchronization history is updated.

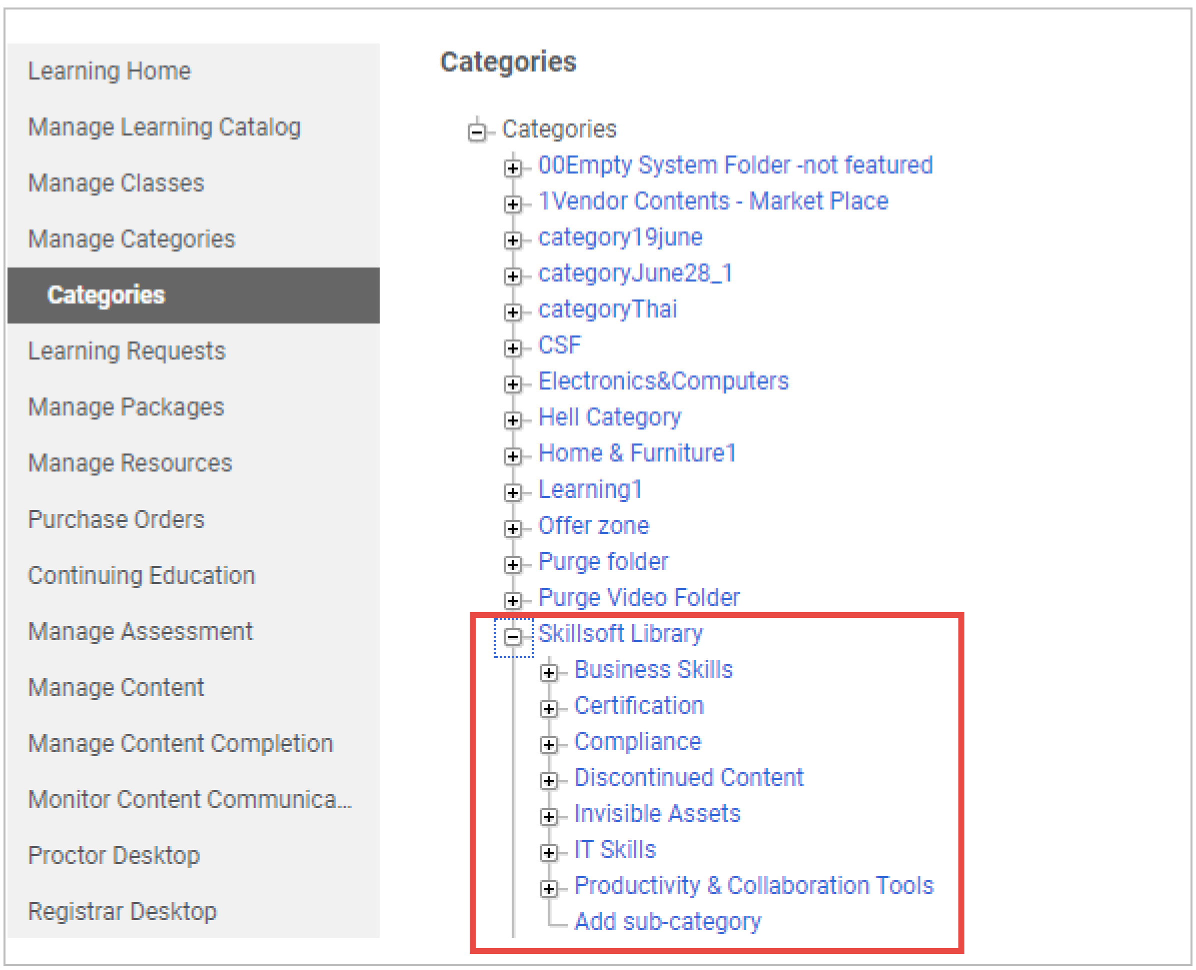


Figure 37: Skillsoft Library under Categories

You can browse Skillsoft categories from the **Browse** option beside the Global search.

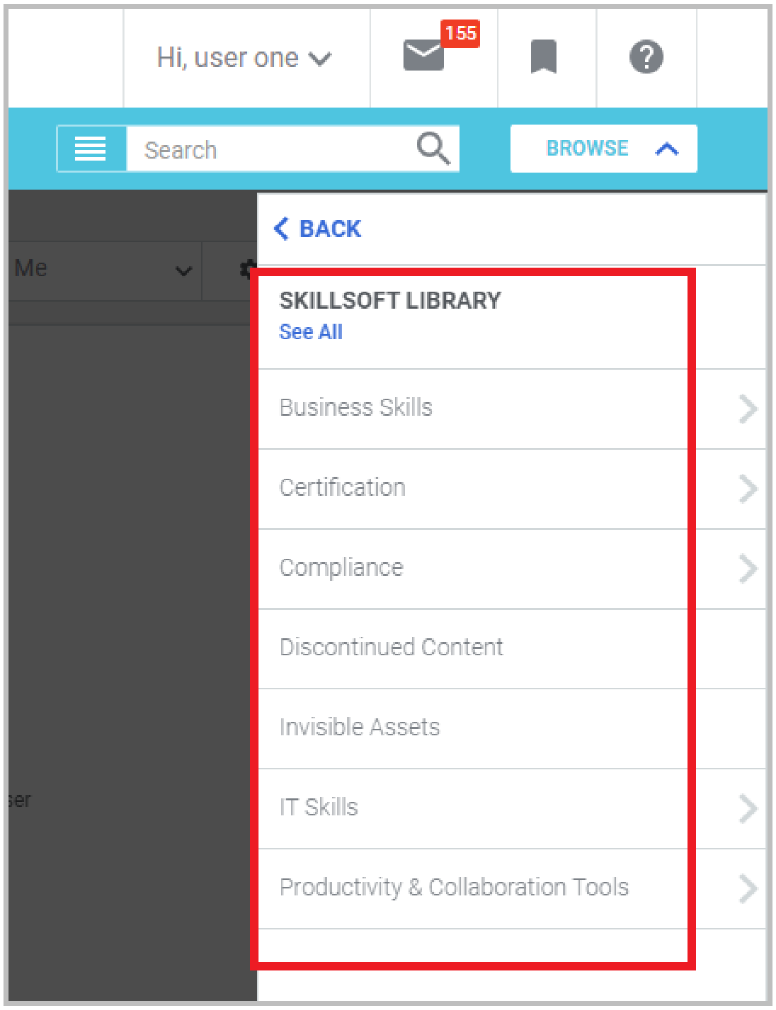


Figure 38: Browse Skillsoft categories

Full Sync

The full sync feature allows content administrators to explicitly perform an asset synchronization with the complete Skillsoft catalog.

To perform a full sync, click the **Synchronize Now (Full)** button on the OLSA content vendor page while configuring the vendor. Full synchronization, if successful, brings in all designated content from Skillsoft into Saba Cloud and creates corresponding courses if the **Create WBT Course** checkbox is selected.

The following figure indicates the various new options introduced on the OLSA content vendor page.

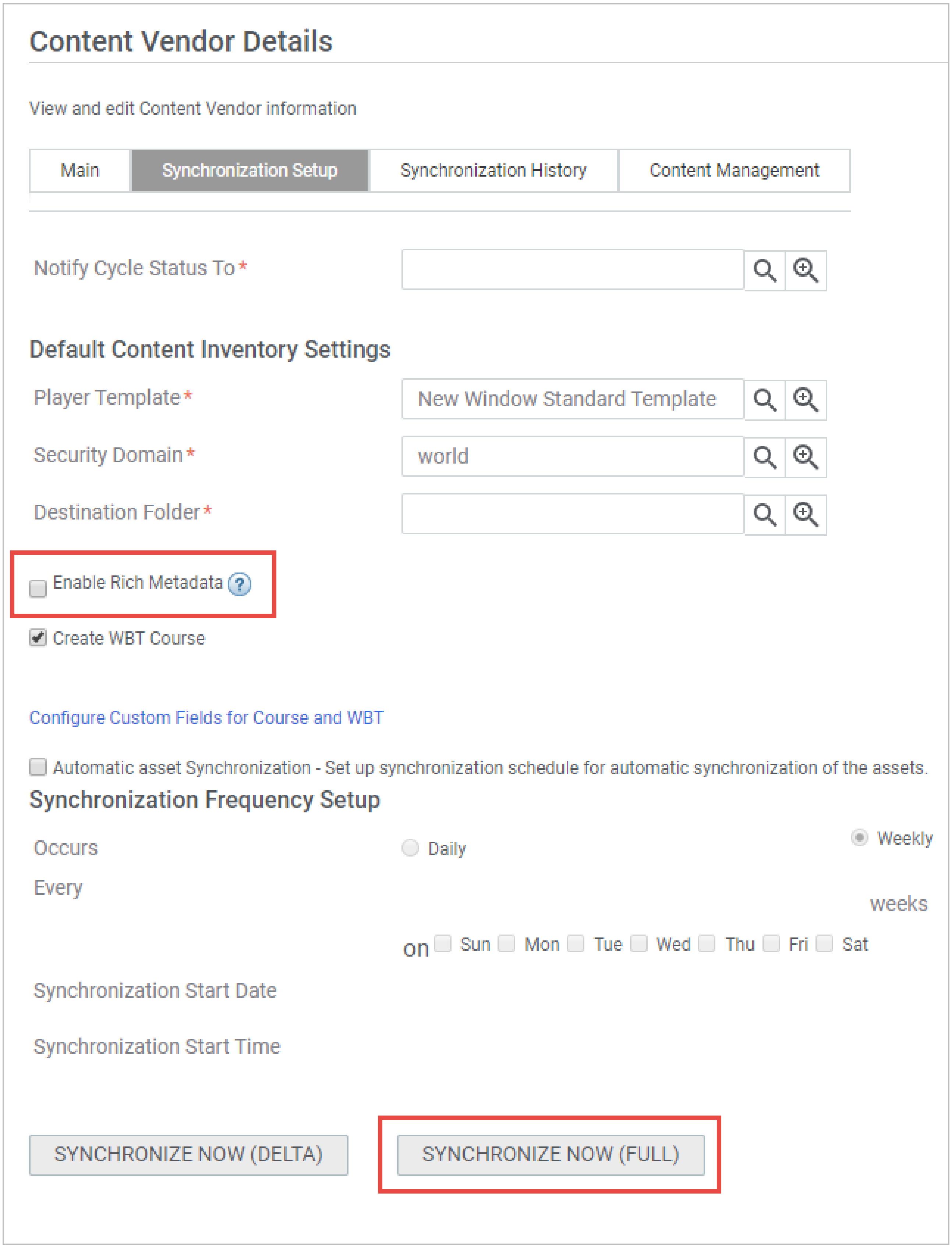


Figure 39: Enhanced OLSA integration options

Use case

Saba Cloud needs to support several OLSA features such as asset integration, catalog sync, and so on from third party content vendors such as Skillsoft and provide them to organization who are already leveraging Saba Cloud's OLSA integration feature.

Support for LTI content

How did it work?

Saba Cloud did not support LTI content.

How does it work now?

Saba Cloud now supports the Learning Tools Interoperability (LTI) content format. The principal concept of LTI is to establish a standard way of integrating learning applications called Tools (delivered by Tool Providers) with platforms like the learning management systems (LMS) called Tool Consumers. In the LTI context, Saba Cloud is a tool consumer. While, Khan Academy is an example of a tool provider.

Content administrators can now create an LTI content vendor and then import LTI content into the content library.

New LTI Content Vendor

To create a new LTI vendor, click **Admin > Learning > Manage Content > Content Vendors > New Content Vendor**, and select the **Vendor Type** as "LTI".

The following figure shows the fields you can configure for an LTI content vendor.

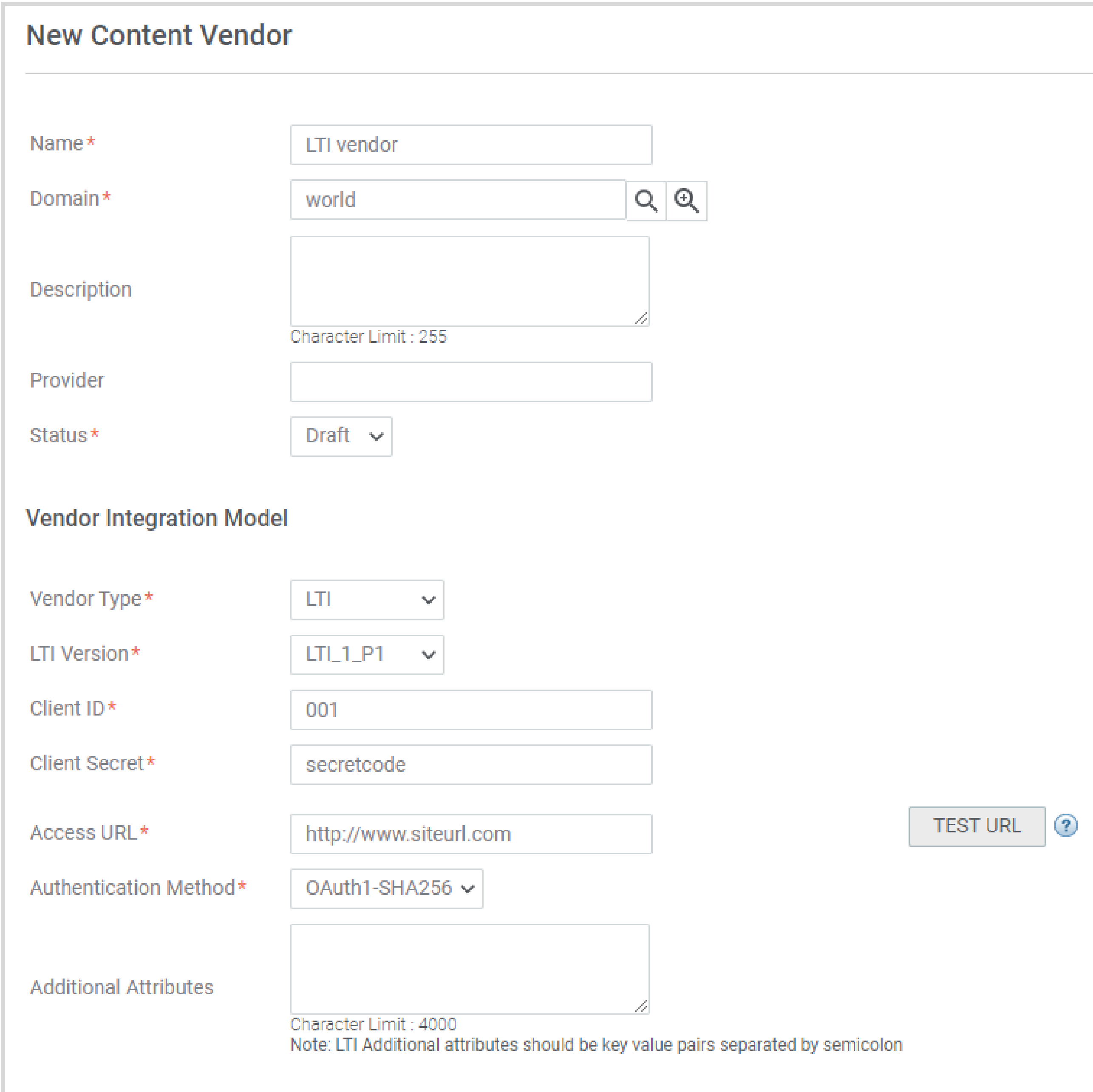


Figure 40: New LTI content vendor

LTI Content Import

Once you configure the LTI content vendor, you can import LTI content into the content library. While importing content, select the **Content Format** as "LTI", and specify the required related fields such as Content Provider, External Content ID, and so on, and click **Next**.

The following figure shows the content details fields for an LTI content import.

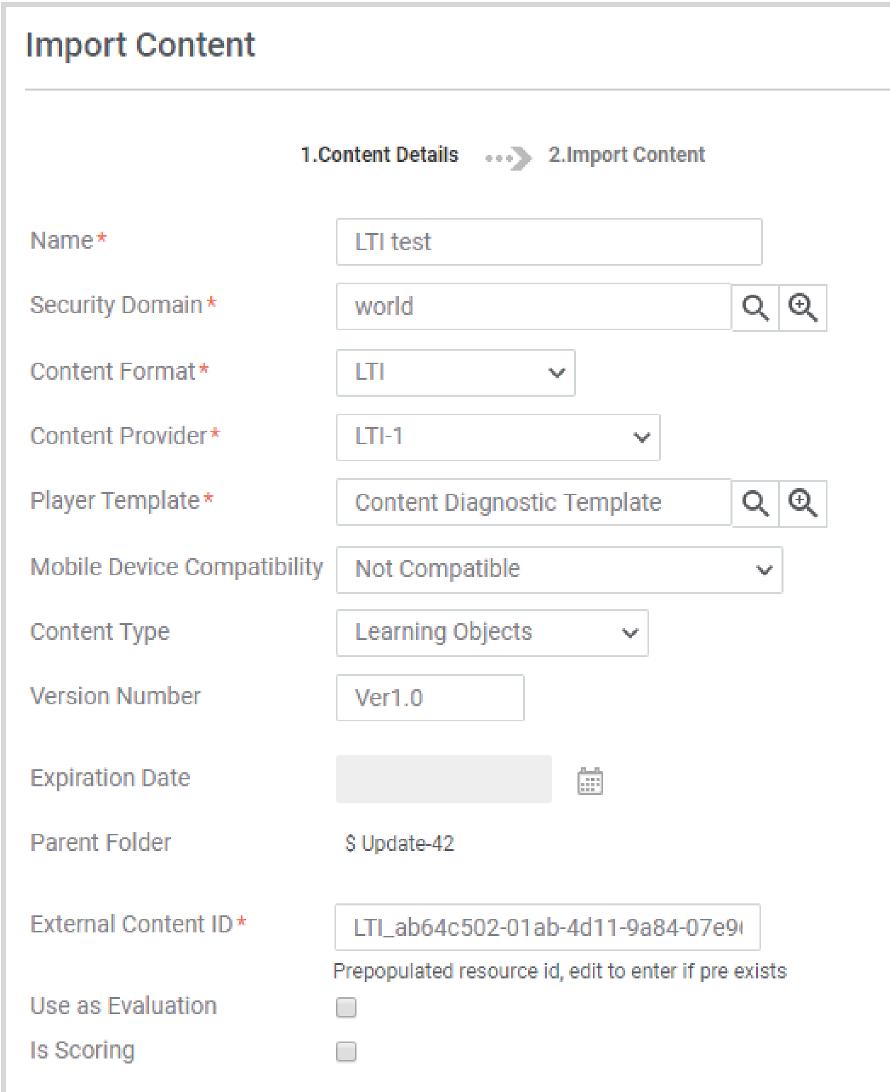


Figure 41: LTI content import details

In step 2 of content import, select the appropriate **Context Type** that needs to be passed to the content vendor. You can select from:

- *Blank* - No context is passed.
- *Course ID* - ID of the course from which this content is launched is passed as context.
- *Static* - Specify the Context ID and Context Value to pass.

The following figure shows all the context-related fields for an LTI vendor.

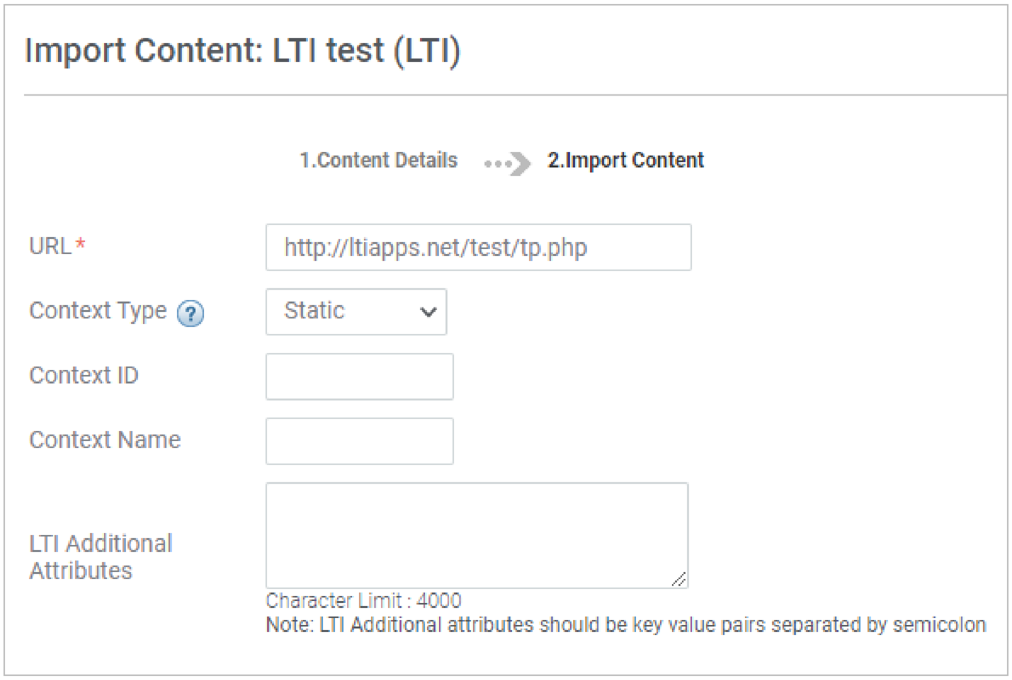


Figure 42: Context type for LTI import

Once you specify all required fields, click the **Connect to Content** button to select the vendor's content to associate with. If successful, it connects Saba Cloud to the configured content from the vendor.

LTI content results

If content result needs to be updated by the Tool Provider, then mark the content as Is Scoring; else, it is marked complete on launch itself. No action from the Tool Provider is entertained once the LTI content is marked complete. LTI result reporting is supported for both LTI 1.0 and 1.1.

Limitations of LTI content

Currently, LTI content format has the following limitations in Saba Cloud:

- Supports only LTI 1.0 and LTI 1.1
- Supports only "New Window Player Template"
- No support for bulk content import using data import
- No mobile device support
- No creation of new content in course genie flow
- No support for Informal Learning
- No support for Simplified Player
- No support for content sign-off

Use case

Saba Cloud needs to provide integration capabilities with many available content vendors who support LTI.

Support for xAPI activity providers

How did it work?

Saba Cloud supported xAPI statements being sent from third-party content vendors to Saba's LRS. However, these statements did not affect a learner's transcript. As a result, For integrating with activity providers like LinkedIn Learning, there was a need to support the configuration of xAPI activity providers in Saba Cloud.

How does it work now?

Saba Cloud now supports creation of new xAPI activity providers using the new **Manage xAPI Activity Providers** menu under **Learning**. Creating an activity provider in Saba Cloud allows administrators to define an integration with external content vendors such as LinkedIn Learning, that send xAPI statements to Saba's LRS, and use those statements to mark complete content and update learners' transcripts accurately.

Configure xAPI Integration

To configure the feature, system administrators must enable the following service under **Learning > Content**:

- **xAPI Integration**

  This service is enabled by default. If disabled, then the **Manage xAPI Activity Provider** menu under **Learning** is not available to learning administrators.

Manage xAPI Activity Provider

If enabled, then learning administrators can manage xAPI activity providers using the **Manage xAPI Activity Provider** menu.

To create a new xAPI activity provider, click **Admin > Learning > Manage xAPI Activity Provider**, and click the **New Record** button.

The following figure shows the new menu and the xAPI activity provider fields.

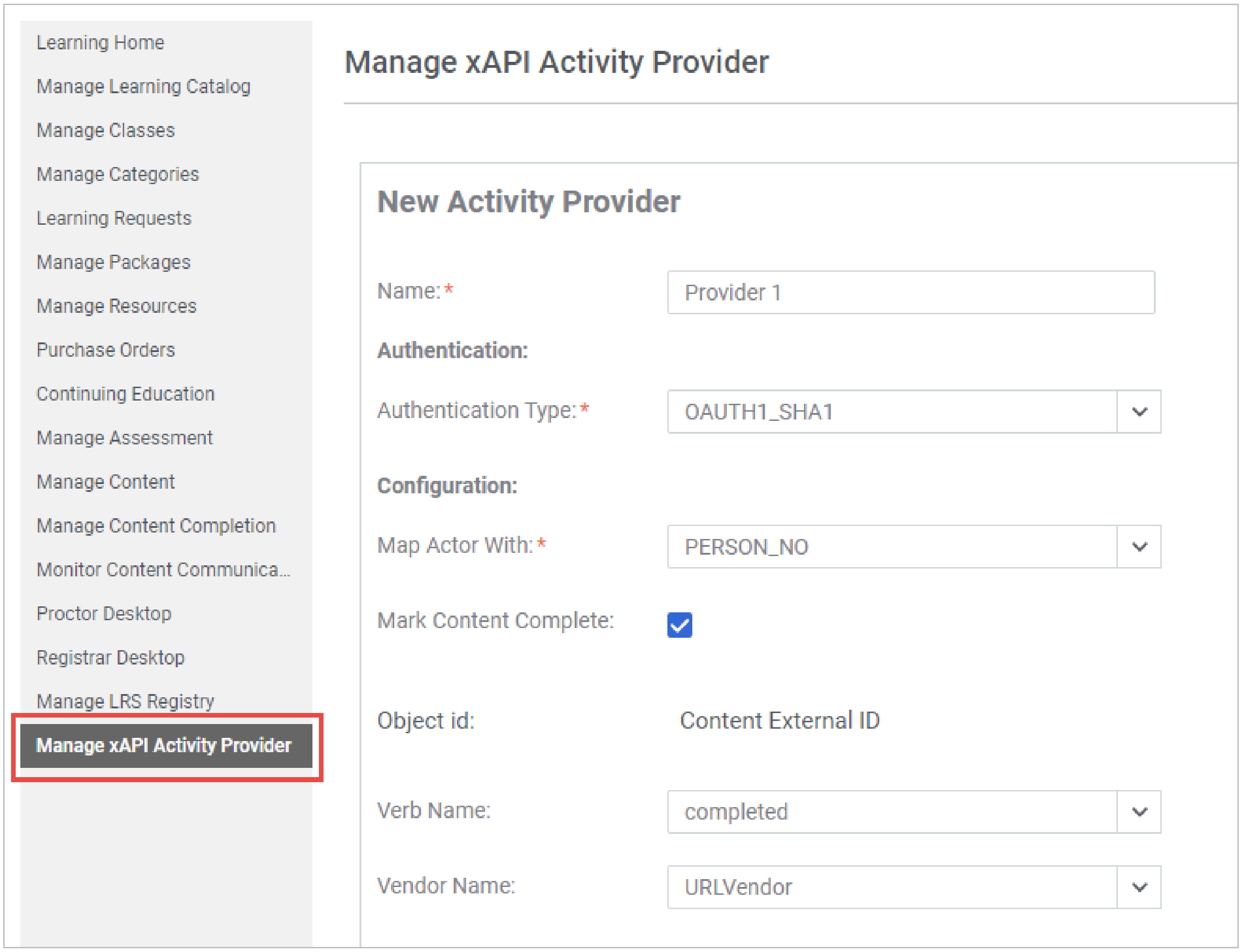


Figure 43: Manage xAPI Activity Provider

Configure the provider name, authentication type, and mapping configuration for the activity provider.

Additionally, if you want to configure the ability to mark content complete to update learners' transcripts based on the xAPI statements, then select the **Mark Content Complete** checkbox. The page shows additional mandatory fields such as object ID, verb name, and vendor name. The vendor Name field displays only URL type vendors.

The content is marked complete only if certain content prerequisites and scenarios are met. For example, it is a prerequisite that the content must be of type "URL" only.

Once added, you cannot remove an activity provider. You can edit the provider details, though.

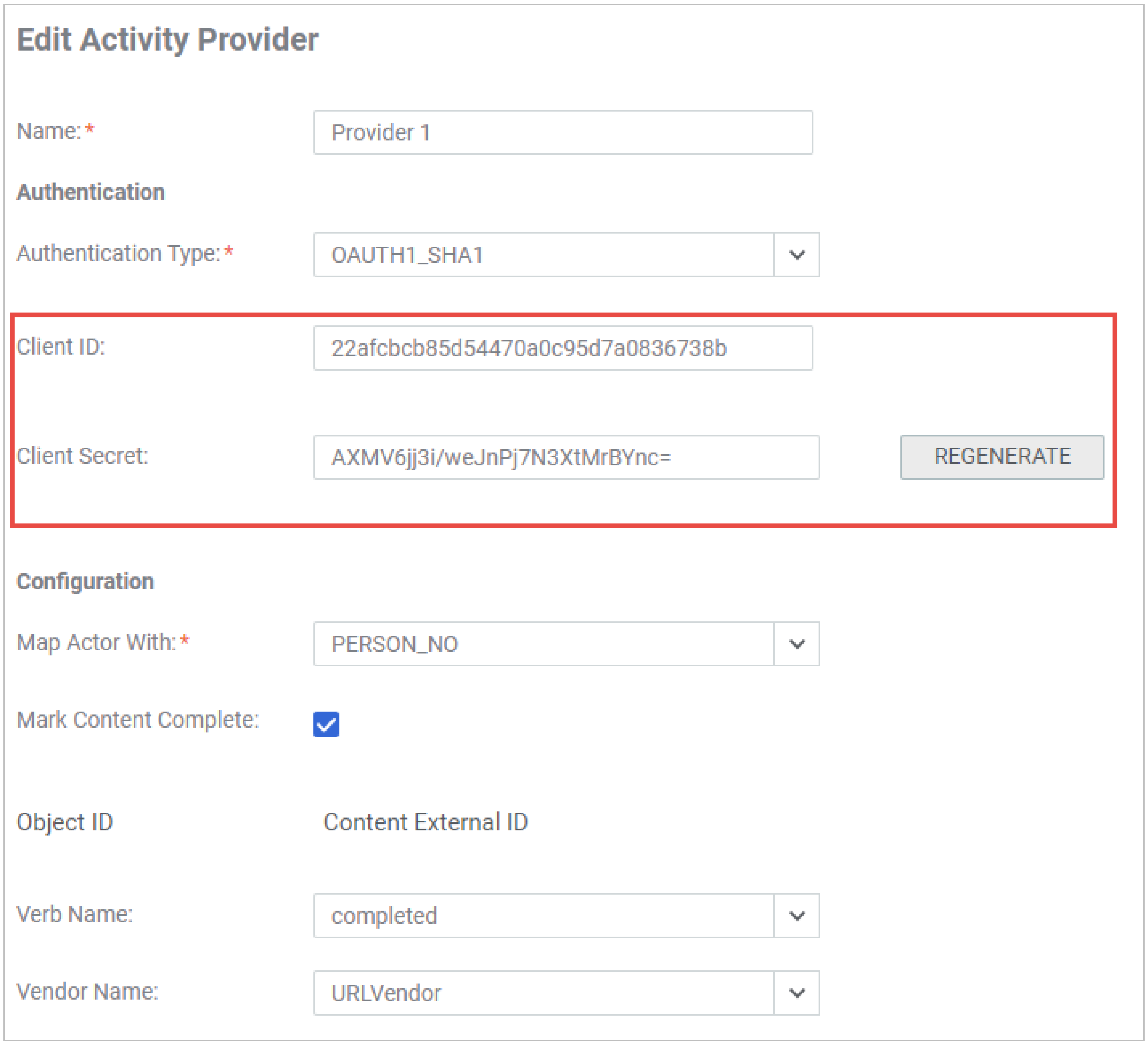


Figure 44: Edit activity provider

If the mapping is successful and if **Saba Discovery** is enabled for the learner's domain, then the xAPI statement is displayed under **Saba Discovery** in the **Activity Stream** of the learner. If the content is marked complete successfully, then a corresponding transcript entry is created for the learner.

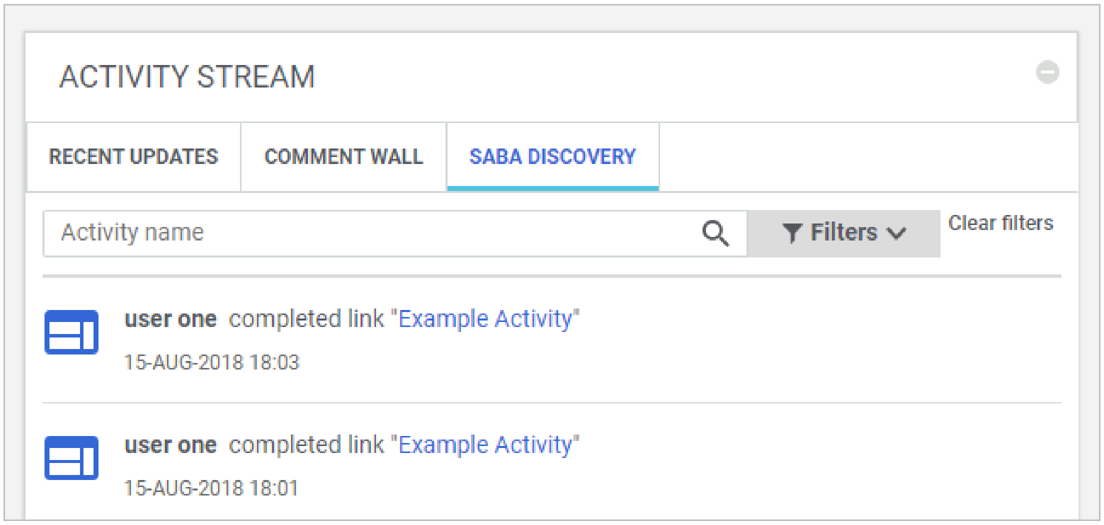


Figure 45: xAPI statements in Saba Discovery

If any errors occur during completion, then administrators can view the error logs by navigating to **Learning > Manage Content Completion > Content errors analysis report**.

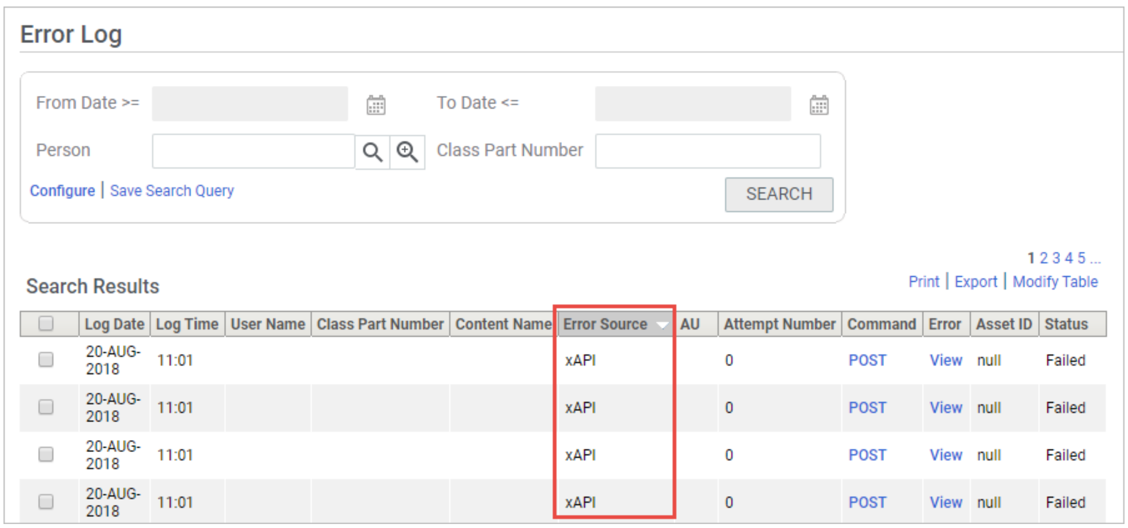


Figure 46: Error logs for xAPI

New URL Content Vendor

To support this feature, Saba Cloud now introduces a new **URL** content vendor type.

To create a new URL vendor, click **Admin > Learning > Manage Content > Content Vendors > New Content Vendor**, and select the **Vendor Type** as "URL". Once created, this vendor can be linked to the respective third-party connector through Marketplace.

The following figure shows the fields you can configure for an URL content vendor.

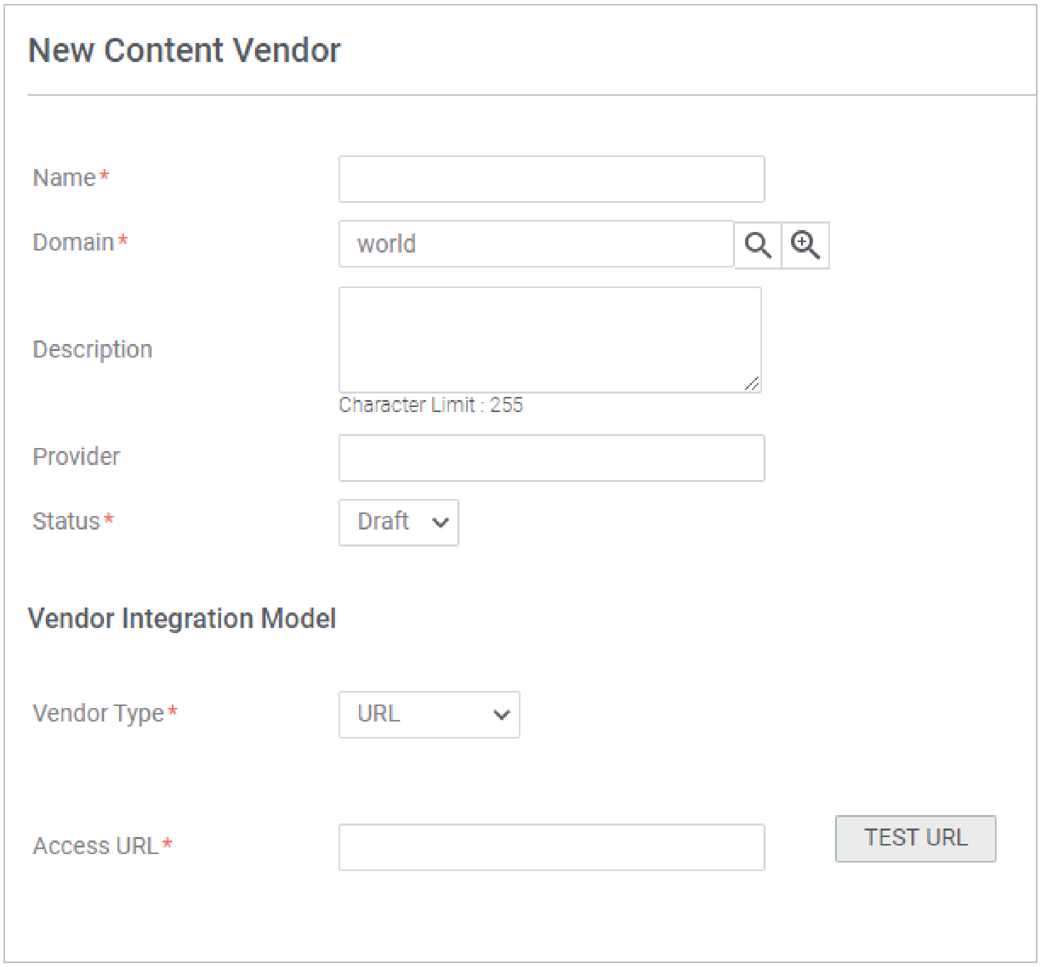


Figure 47: New URL content vendor

To enable content completion by xAPI statements, edit the imported content and select the **Mark Complete Externally** checkbox. For more details, see Mark complete URL content externally.

Use case

Saba Cloud needs to provide integration capabilities with many third-party content vendors who support xAPI.

Mark complete URL content externally

How did it work?

When learners launched a URL content, the activity status changed to Completed Successfully in Saba Cloud. This created confusion to learners where organizations had integration with third-party content vendors and uploaded transcript completions via data import at a later date and time. When learners saw the Completed Successfully status on an activity, they believed the course would move to transcript.

Administrators did not have any option to control the completion behavior of such URL content.

How does it work now?

Saba Cloud now allows learning administrators to configure the ability to mark complete URL content externally by providing the new **Mark Complete Externally** checkbox.

By default, this checkbox is cleared (disabled). If this checkbox is cleared, then the URL content is marked complete as soon as it is launched.

After importing URL content, they can edit the content and select the **Mark Complete Externally** checkbox.

When this checkbox is enabled, the following launch parameters are displayed for URL content:

- Tracking Key
- External Content ID
- Vendor Name
- Employee ID
- User Name
- Registration ID

Note: The parameters External Content ID and Vendor Name are hidden, if empty.

Launch parameters are appended to the URL of launched content and used to report content results of learners. The third-party content must call Saba Cloud's Result Reporting API to mark the content complete.

Attempt completion happens based on the following criteria in the given sequence:

1. Tracking key in launched content
2. Registration ID + External Content ID + Vendor
3. Employee ID (or Username) + External Content ID + Vendor

For example, if the external content supports tracking key, then content completion considers only the tracking key and ignores the other launch parameters.

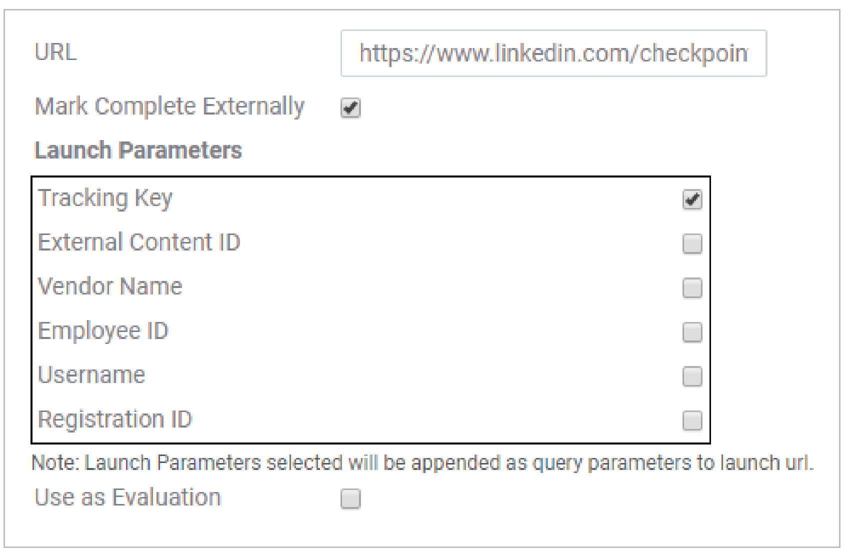


Figure 48: Mark complete externally URL content

So, if the **Mark Complete Externally** checkbox is selected for a URL content and if the launch parameters are enabled, then Saba Cloud marks the content as completed successfully only when the launch satisfies one of the above completion criteria.

Additional changes

As part of this feature, the following additional changes are made to the behavior of URL content:

- The **Is Scoring** property is hidden for URL content. If failed status is sent, then an error is displayed.
- If **Mark Complete Externally** is enabled, then the content sign-off functionality is hidden from all flows for URL content.

  Note: For existing content, where sign-off capability is already enabled on learning activity, you cannot enable **Mark Complete Externally**. If you want to enable **Mark Complete Externally** for such content, then first disable the sign-off on all content subscriptions, 'Save and publish' the changes for all future and in-progress registrations, and then select this checkbox.

Use case

There is a need to provide a mechanism to integrate external content vendors with Saba Cloud.

Learning Activity

Refreshed course details page

How did it work?

The course and class details pages for users presented information which was less discoverable and less user friendly.

How does it work now?

Saba Cloud provides an option to view completely enhanced course details page to all non-ecommerce users where the information is presented in a visually appealing and structured manner.

These pages are available only if the appropriate settings are enabled for a user's domain.

Configuration

System administrators must configure the following setting in the new **Learning Beta** service under **Learning**:

- **Enable enhanced Course Details page**

  Enable this setting to display the enhanced Course Details page for end users.

By default, the **Learning Beta** service and the setting is disabled.

Learning Preferences

Once the setting is enabled, the user can view the following new **Learning Preferences** under their **Account Preferences**. The learning preferences allow users to select the view for their course and class details pages.

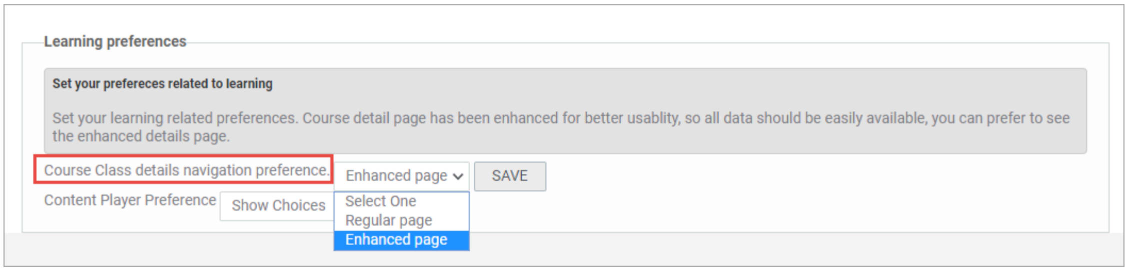


Figure 49: Learning preferences for course and class details pages

- **Course class details navigation preference**

  Select one of the following options for viewing the course and class details pages:

  - "Regular page" - Displays the regular course and class details pages for users.
  - "Enhanced page" - Displays the enhanced course and class details pages for users.

  Note: If no particular preference is set for this field, then Saba Cloud displays the regular course and class details pages along with a message asking users to try the enhanced pages. Clicking the link in the message switches the user view to the enhanced pages and the preference is automatically set to "Enhanced page". Users can revert to the regular pages by navigating to their **Account Preferences** and changing the learning preference to "Regular page".

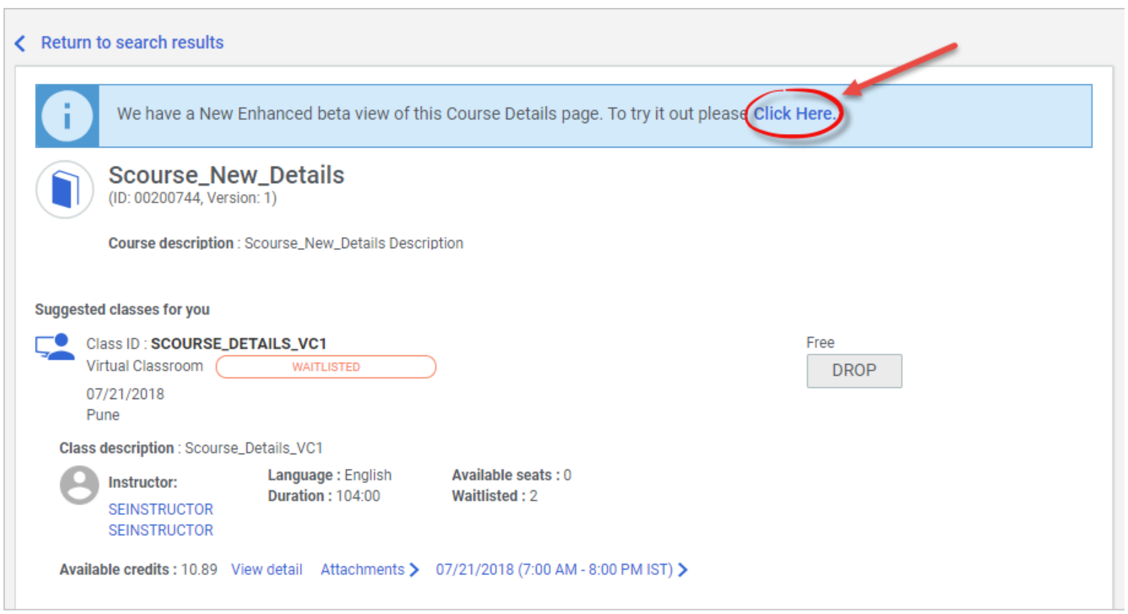


Figure 50: Switch to Enhanced course details page

Enhanced course details page

The enhanced course details page displays a prominent course header and the following sections:

- Course Overview
- Additional Course Material
- Pre-requisites
- Available Classes
- Other Information

You may not see all sections for every course. The availability of a section depends on your course. For example, the **Pre-requisites** section is available only if a course has any prerequisites.

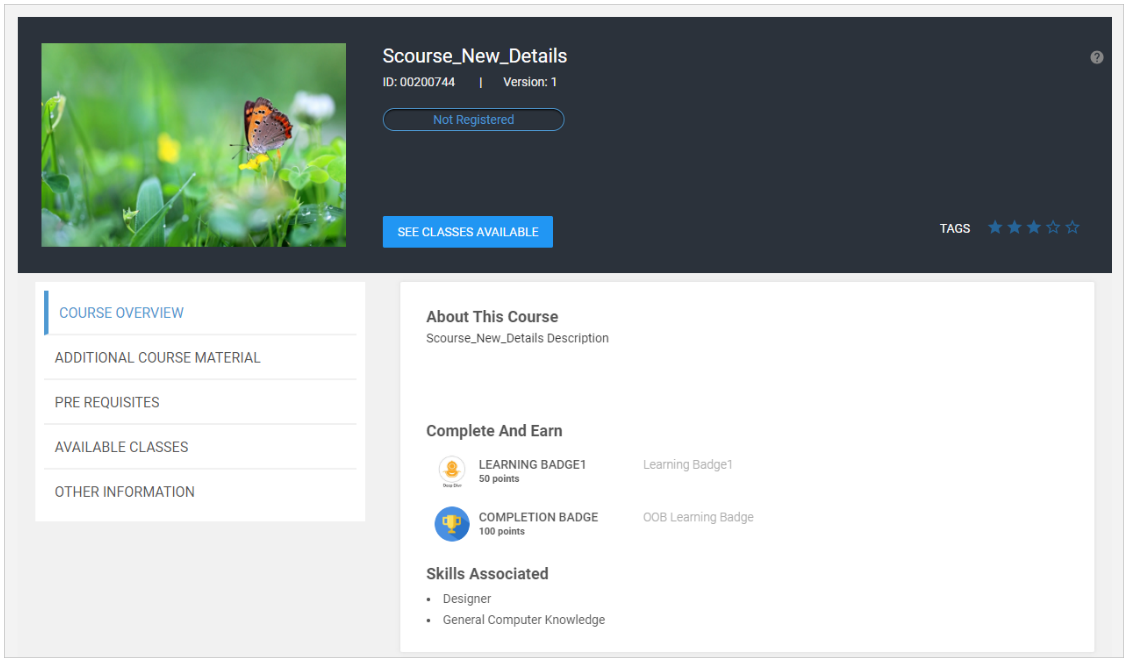


Figure 51: Enhanced course details page

To view all available classes of a course, click the **See Classes Available** button. You are navigated to the **Available Classes** section on the page. Here, you can expand a class inline on the page itself by clicking the down arrow to view the class details.

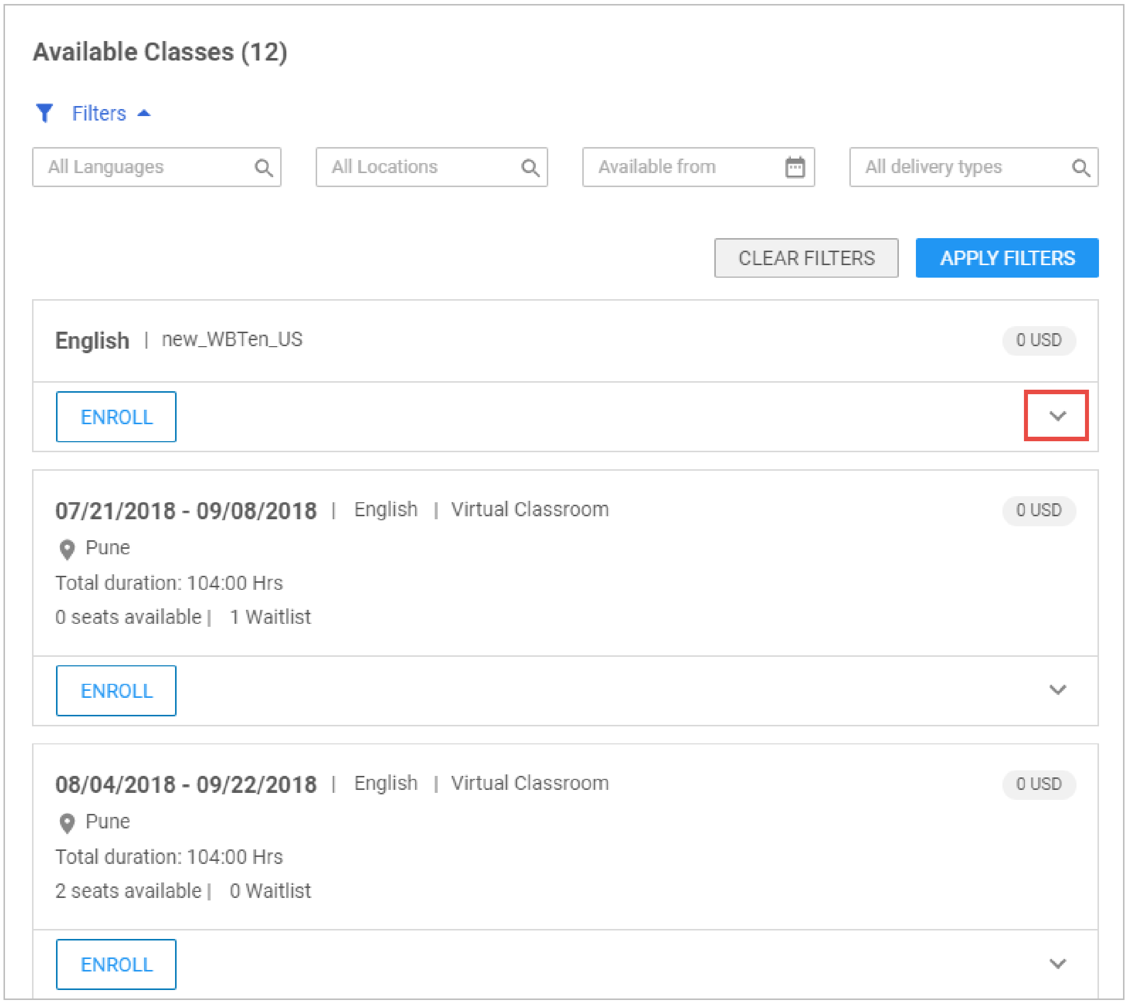


Figure 52: Available classes for a course

Limitations

In this update, these enhancements are provided as part of a "Beta" feature set in Learning. Therefore, there are certain limitations to the enhanced course details page views:

- The enhanced page is displayed only for "Not Enrolled" and "Assigned - Not Enrolled" courses. Upon enrolling for the course, the user experience returns to the regular course and class details pages.
- The enhanced page is available to managers if they have selected the "Enhanced page" option from their Account Preferences; however, they cannot perform any actions on this page for their team members.
- If the logged-in user has Learning preferences set to "Enhanced page", then:
  - Deeplink with courseNo (part number) are redirected to the regular page and if the user wants to go to the enhanced page, there will be a link for the same.
  - Both the deeplinks with the latest version (ends with /latestversion) will also be redirected to the regular page and if the learner wants to go to the enhanced page, there will be a link for the same.
- The enhanced page is not available from administrator work flows.
- The enhanced page is not available to proxy users.
- The enhanced page is not available to Guest users.

Use case

There is a need to improve the user experience of course and class details pages in Saba Cloud such that the information is visually appealing and more discoverable to users.

Role analysis on learning plan

How did it work?

Saba Cloud displayed all learning items in a user's learning plan. However, users could not see the breakup of those learning items by various roles assigned to them.

How does it work now?

The **My Plan** page of users is now enhanced to display a new **Role Analysis** tab, which allows users to see all their roles, required and optional, along with all learning items that are associated with those roles.

Note: This tab does not display any non-learning items.

To configure this feature, system administrators must enable the following setting under **Foundation** > **Role** service:

- **Show Role Analysis on My Plan**

  This setting controls the visibility of Role Analysis tab on My Plan page.

  By default, this setting is disabled.

Once this setting is enabled for a domain, users in that domain can see the new **Role Analysis** tab on their **My Plan** page as shown below.

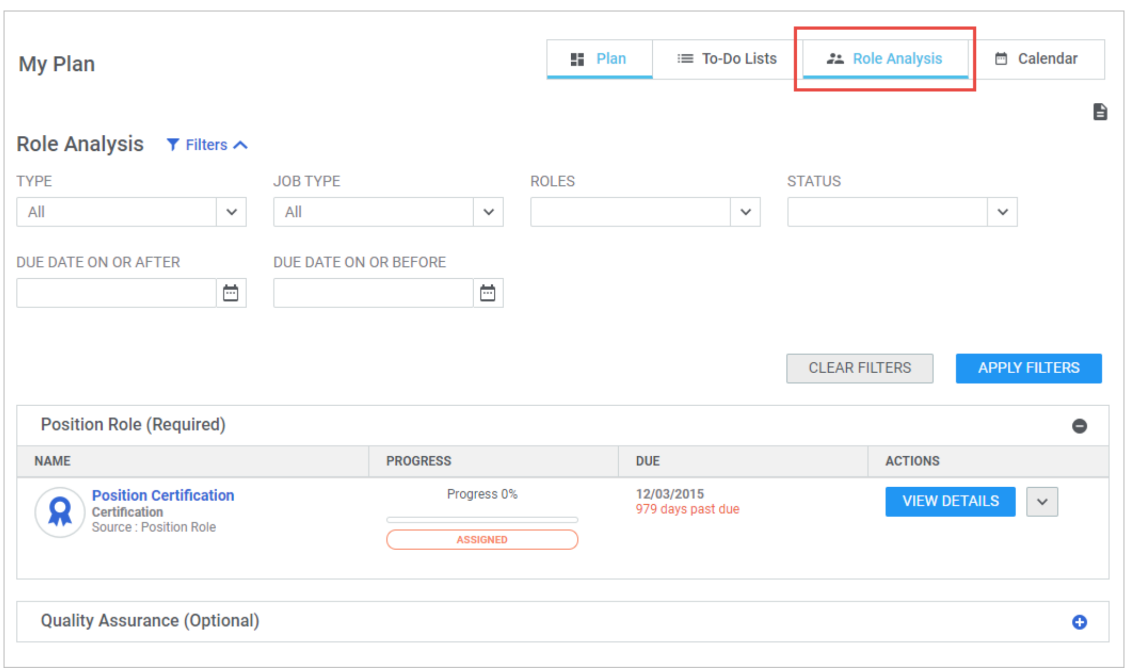


Figure 53: Role Analysis tab on My Plan page

The **Role Analysis** tab displays the learning data grouped by roles, both required and optional, which are assigned to the user. All required roles of the user are displayed first followed by the optional ones. Both set of roles are further sorted alphabetically on the page.

Users can search for required roles using various available filters. Click the **Filters** link to show or hide the list of filters.

Each role section has an expand/collapse icon. Expanding a role section displays all learning items assigned to the role. The learning item view in the expanded section mimics the learning view in the **Plan** tab. Expanding a role section automatically collapses the previously expanded role section.

If learning items in a role section are added to a user's plan, then Saba Cloud displays actions depending on their status. If learning items in a role section are not yet added to a user's plan, then Saba Cloud displays only the **Add to plan** action.

Use case

Certain organizations use a combination of the profile and role analysis to manage the learning needs of their employees for better career planning. The Plan page of users can be modified to provide role analysis for users such that they can manage their learning in a better manner.

Course video preview

How did it work?

When users searched or browsed the learning catalog for a course, Saba Cloud displayed the text and images that administrators would have added for the course. However, there was no support to add and display a preview video for courses.

How does it work now?

Saba Cloud now allows learning administrators to add a short video to courses. This video allows learners to take a quick preview of the course before they could register for it.

System administrators must enable the following setting under the **Learning > Catalog > Courses** service:

- **Enable Preview Video for Courses**

  Enable this setting to allow addition and display of preview video for courses.

Once enabled, learning administrators can upload a video to a course only from the Quick Course creation wizard for online (WBT) and blended courses. The image upload field in the wizard is enhanced to support video uploads as well. That is, they can upload either a preview image or a video to a course.

Note: Currently, no other course creation work flow supports preview video upload.

They can even replace a previously uploaded video while editing the course, with a video or image.

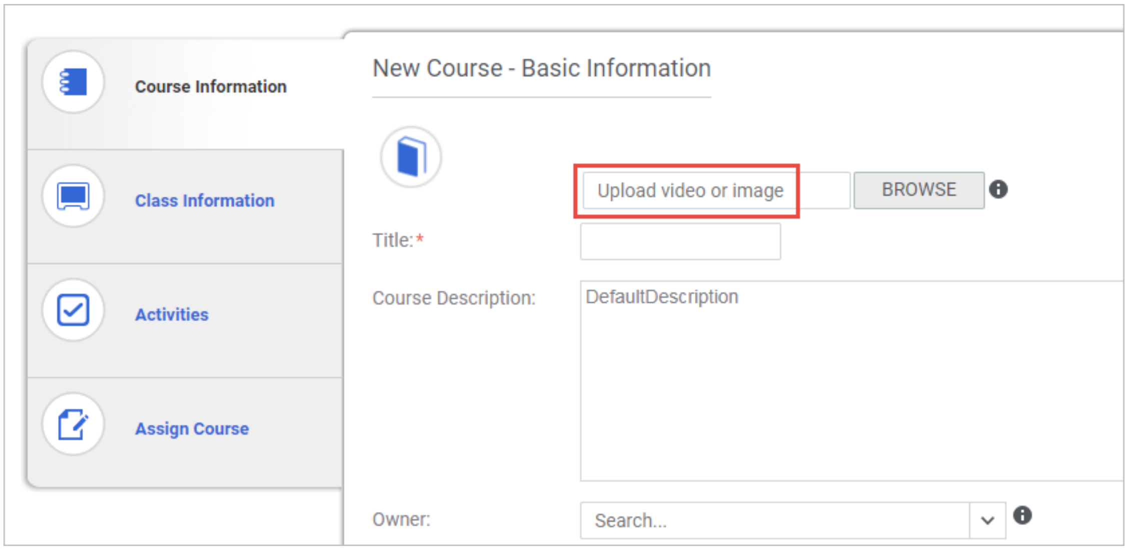


Figure 54: Preview video upload for a course

Saba Cloud performs the following validations on the uploaded video:

- Video duration must not exceed 30 seconds
- Video must have the MP4 container format
- Only .H264 video format is supported
- Only mp3 and AAC audio format are supported
- Video cannot have multiple audios because only single audio stream is supported
- Video cannot have multiple videos because only single video stream is supported
- Maximum video resolution is 720 X 1280 pixels (HD quality)
- MP4 video format with only audio is not supported. Video is mandatory.
- Video must have audio

Currently, the video preview for courses is available only from the following work flows:

- Browsing the learning catalog

  For logged-in users, the browse results page displays a preview video if a course contains a video. Clicking anywhere on the video thumbnail plays the preview video.

  Note: The video preview for courses is currently not available for guest users browsing the guest catalog.

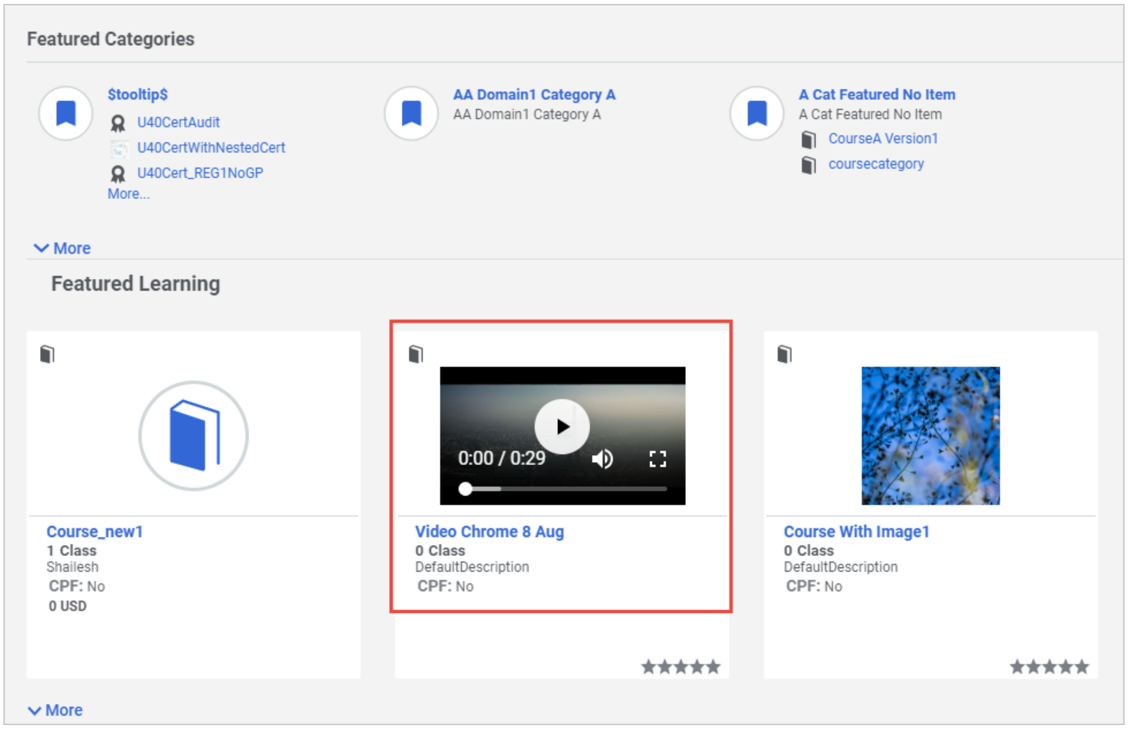


Figure 55: Video preview while browsing the catalog

Limitation for Firefox browser

Clicking anywhere on the video thumbnail in the browse results page does not play the preview video; instead, it displays the course details page.

- Viewing the regular course details page

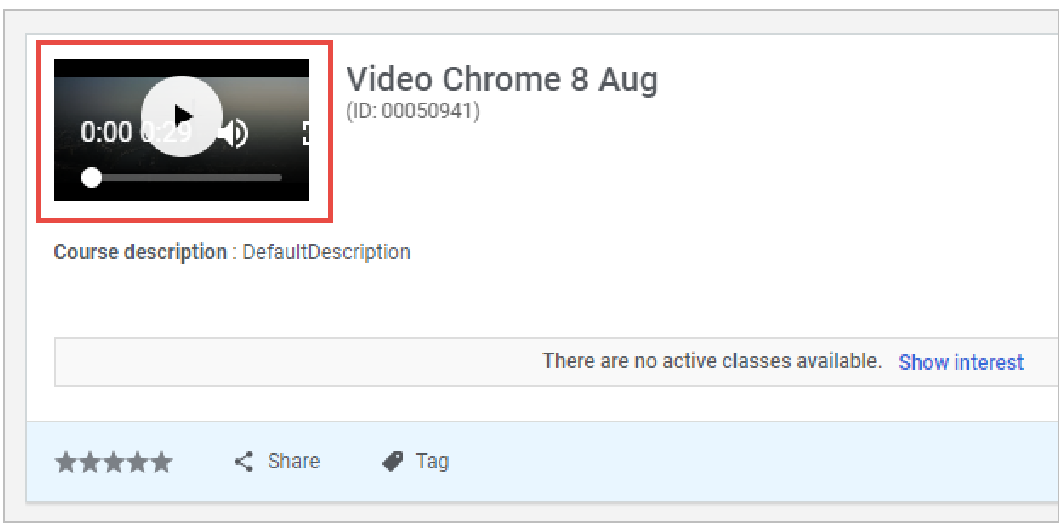


Figure 56: Regular course details page

- Viewing the enhanced course details page

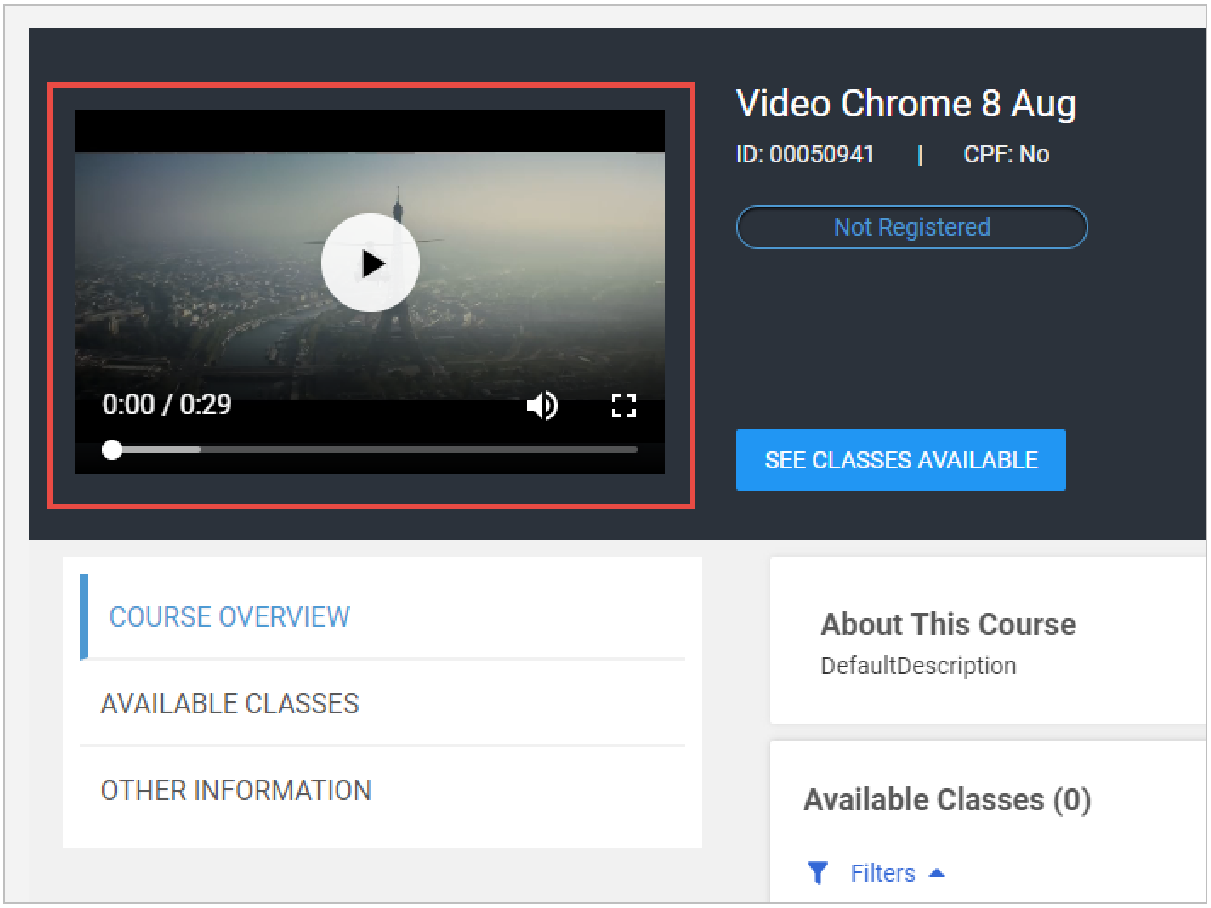


Figure 57: Enhanced course details page

Clicking the play button on the video displays the video preview in a popup pane.

Use case

Rather than reading the textual description, users can quickly watch the preview video to get an idea about the learning object they are registering for. The video preview also acts as a powerful marketing and demo tool for organizations.

New named queries for managers of no show learners

How did it work?

Prior to this update, there was no option to notify managers of learners who were no shows in a class after the class was delivered.

How does it work now?

This update enhances the following class notifications so that they now include the following named queries for managers, alternate managers, and organization managers of learners with no show.

Table 11: New named queries

Named Queries	Affected Notifications
List managers of all students with no shows	• Blended Class Delivered • Instructor-led Class Delivered • Virtual Classroom Delivered
List alternate managers of all students with no shows	
List organization managers of all students with no shows	

To access the new named queries, navigate to **Admin > System > Manage Notifications > Events**, click the required event name, add or edit an event action and click **Add Named Query** in the **Recipients** section.

Use case

Many organizations have the need to send out notifications to managers of all users who were no shows for a class. Ideally, these notifications would be sent when a class (ILT, Virtual, Blended) is delivered.

New named queries for organization managers

How did it work?

Prior to this update, many learning notifications for managers and alternate managers did not provide the option to include named queries for organization managers. So, organization managers were not notified when necessary.

How does it work now?

This update enhances the following notifications so that they now include the following named queries for organization managers as well.

Table 12: New named queries

Named Queries	Affected Notifications
Organization manager for the student who has registered	• Instructor-Led Registration Created • Instructor-Led Registration Waitlisted • Instructor-Led Class - Offered Seat Confirmed • Instructor-Led Class - Offered Seat Cancelled
List all registered learner organization managers for this class	• Instructor-Led Class Facility Changed
Organization Manager of the Learner	• Certification Completed

Named Queries	Affected Notifications
Organization manager of learner with valid certification requirement	• Certification Completed

To access the new named queries, navigate to **Admin > System > Manage Notifications > Events**, click the required event name, add or edit an event action and click **Add Named Query** in the **Recipients** section.

Use case

For many organizations such as the automotive dealership industry, the organization manager role fits a very critical need. Thereby, organization managers need to be notified so they take the required actions and manage critical processes more effectively.

New named query for recurring course notification

How did it work?

Prior to this update, certain learners did not receive notifications related to recurring courses even if they had a valid requirement.

How does it work now?

This update enhances the following notification to include a new named query.

Table 13: New named query

Named Query	Affected Notification
Learner with valid Recurring Course requirement	Start Re-acquisition Work Before Expiration

Although there are no recurring course-specific keywords in this notification, certification keywords return recurring course values. For example, if a certification name keyword is set in the notification but the notification is triggered for a recurring course, then this keyword returns the recurring course name.

To access the new named query, navigate to **Admin > System > Manage Notifications > Events**, click the required event name, add or edit an event action and click **Add Named Query** in the **Recipients** section.

Use case

Learners with a valid recurring course requirement needs to receive notifications.

New reminder notification for virtual classes

How did it work?

Prior to this update, class reminder notifications were available for all session-based classes, except for virtual classes. So, Saba Cloud did provide a way to notify learners before their virtual class commenced.

How does it work now?

This update adds the following new notification for virtual classes.

Table 14: New notification

Notification Event	Description	Type
Virtual Class Reminder (x days)	Triggered a specified number of days before a Virtu~ al class commences.	Periodic

This notification is triggered for a virtual class only if the learning administrator specifies a value in the **Class Reminder before Start Date (days)** field for the class.

To configure the new notification, navigate to **Admin** > **System** > **Manage Notifications** > **Events**.

Use case

Learners who have registered for a virtual class need to be reminded before the class commences.

Increased character limit for the FOS description field

How did it work?

Prior to this update, the Field of Study (FOS) **Description** field had a limit of 255 characters.

How does it work now?

This update increases the maximum character limit for the Field of Study (FOS) **Description** field from 255 characters to 1000 characters.

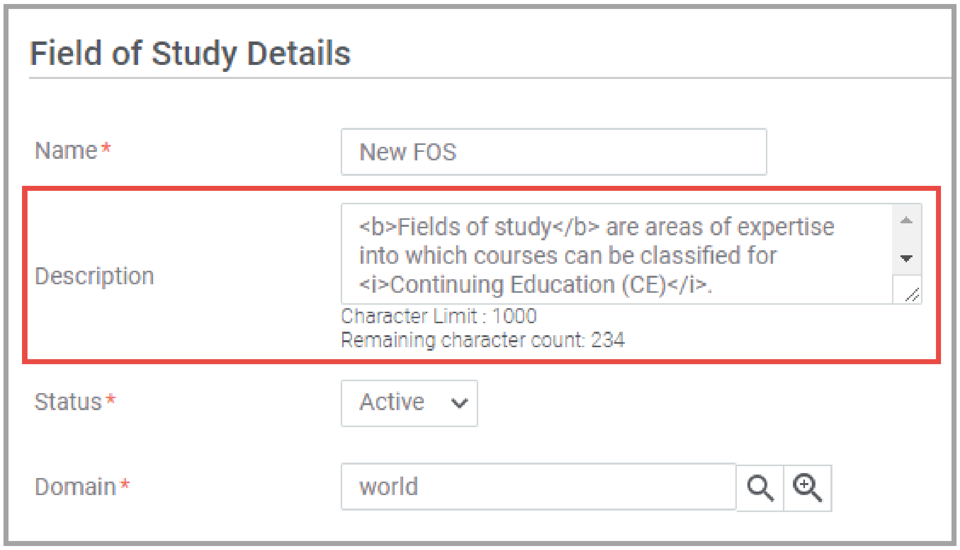


Figure 58: FOS description

System administrators can configure the **Description** field's character limit specifying the **Size** property at the component attribute level. The default value is 255 characters.

To set the property, go to **System** > **Configure System** > **Services** > **Learning** > **Continuing Education Credits** > **Components** > **FieldOfStudy** >**Attributes**.

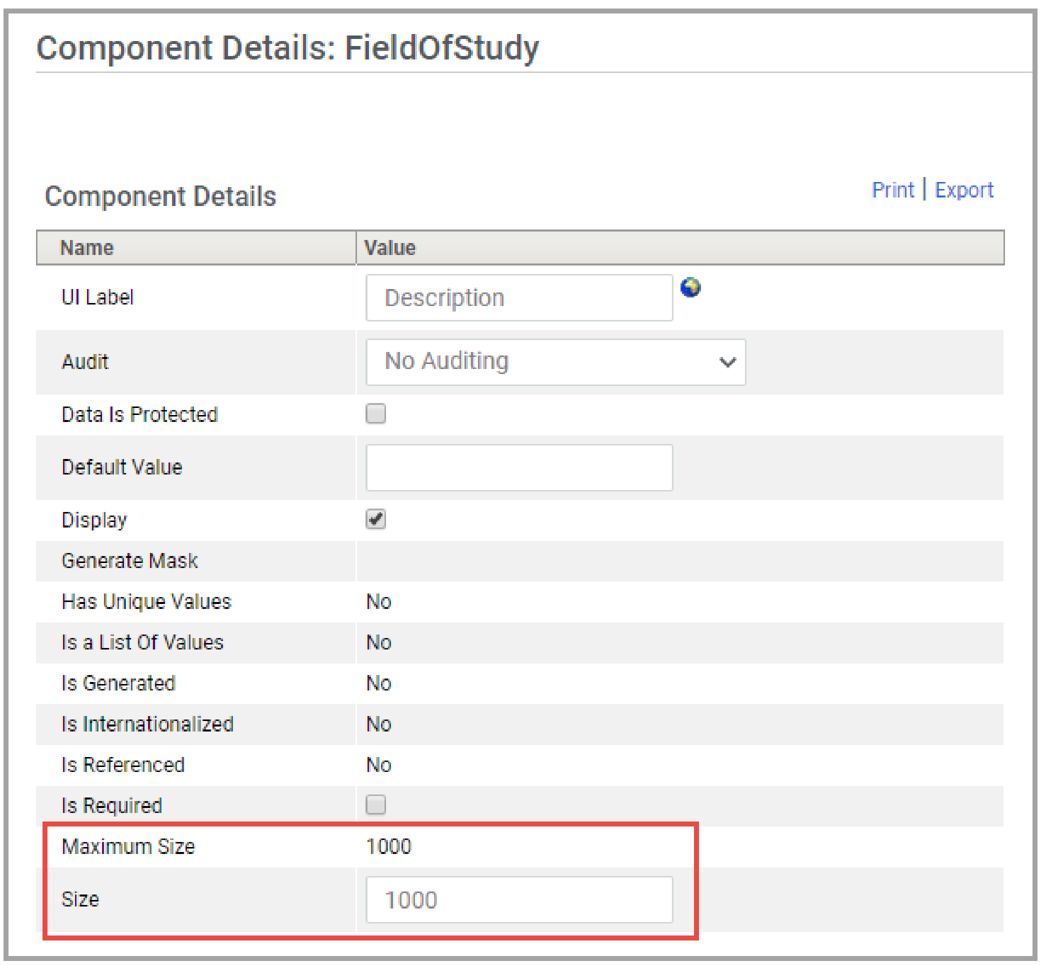


Figure 59: Configure FOS description attribute

Use case

There is a need to display elaborate descriptions with more characters for Field of Study in a user's Continuing Education Credits page.

Configure visibility of the Delete Completely button for certifications and curricula

How did it work?

Prior to this update, if a certification or curriculum was assigned to a user by the system through a prescriptive rule, role and so on, then the **Delete Completely** button was disabled. This prevented people administrators from deleting the certification or curriculum from the users' profile. They had to remove the assignment first and then delete the certification or curriculum.

How does it work now?

Saba Cloud now controls the visibility of the **Delete Completely** button for certifications and curricula by introducing the following new security privileges:

Table 15: New privileges

Privilege	Component
Can completely delete certification assigned to self and others	Certification
Can completely delete curriculum assigned to self and others	Curriculum

By default, these privileges are disabled for all security roles, except for "Super User". It is recommended that system administrators enable these privileges for the following roles:

- Human Capital Admin
- Local Learning Registrar

To set the privilege, go to **Admin > System > Manage Security > Security Roles**, select the required role, and search for **Certification** or **Curriculum** component.

People with these privileges can completely delete a certification or curriculum and its assignment history from:

- Their own profile
- Other users' profiles

For example, if people administrators have these privileges, then they can completely delete a certification of a user by navigating to **Admin > People > Manage People > Certifications**, search for a user and click **View Certifications**, click **Actions > Edit/Remove Requirements** link for the required certification and then click the **Delete Completely** button.

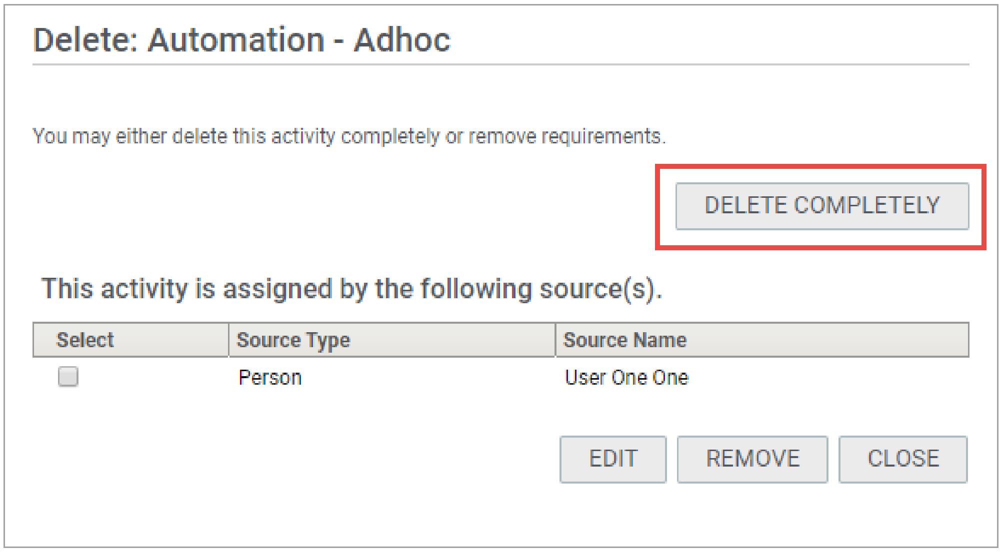


Figure 60: Delete Completely button

Change to existing configuration

As part of this change, the following existing privileges are renamed as noted below, and are referred to by certain Rest APIs only:

Table 16: Change to existing privilege

Old Name	New Name	Component
Can Delete Certification Assignment History For Self and Others	Can Delete Certification Assignment History For Self and Others (for Rest API only)	Certification
Can Delete Curriculum Assignment History For Self and Others	Can Delete Curriculum Assignment History For Self and Others (for Rest API only)	Curriculum

Use case

Administrators need the ability to delete a certification or curriculum assignment history completely from a learner's profile.

Disable an evaluation in a certification or curriculum

How did it work?

Learning administrators could disable evaluations attached to courses and classes. This allowed them to add a new version of the evaluation to the class without deleting the previous version. However, the ability to disable evaluations was not available for certifications and curricula.

How does it work now?

Learning administrators can now disable evaluations in certifications and curricula without deleting the previous version. Once an evaluation is disabled, they can add a different version of the same evaluation to the certification or curriculum.

Disabled evaluations are still associated to the certification or curriculum. This preserves the link between evaluation results and the certification or curriculum for reporting purpose. However, disabled evaluations are not assigned to new users taking the certification or curriculum.

To disable an evaluation, click **Admin** > **Learning** > **Learning Catalog**, search for and edit the required certification or curriculum, and click **Disable** link in the **Actions** column for an evaluation.

Figure 61: Disable evaluation in a certification or curriculum

Note:

- Once disabled, the evaluation cannot be enabled again.
- Irrespective of whether an evaluation version is active or disabled in a certification or curriculum, you cannot add the same version again to it. Saba Cloud displays a duplicate evaluation error message.

On disabling an evaluation, it is not removed from users who already had the evaluation due to certification acquisition. Users can still launch and complete the disabled evaluation.

Use case

Administrators need the ability to disable an evaluation in a certification or curriculum so that they can effectively version evaluations without breaking associations with learner results.

Indicate courses completed by equivalents in a certification

How did it work?

Saba Cloud did not clearly indicate users if a course in a certification was completed by an equivalent and if they had in-progress registrations for such a course. So, users would register for such courses again.

How does it work now?

This update provides the following enhancements for certifications that contain courses completed via equivalents:

- On the certification details page for learners, if there are any in-progress registrations for a course that is already completed by an equivalent, the system now displays an icon and a message indicating the same so users can take necessary action accordingly.

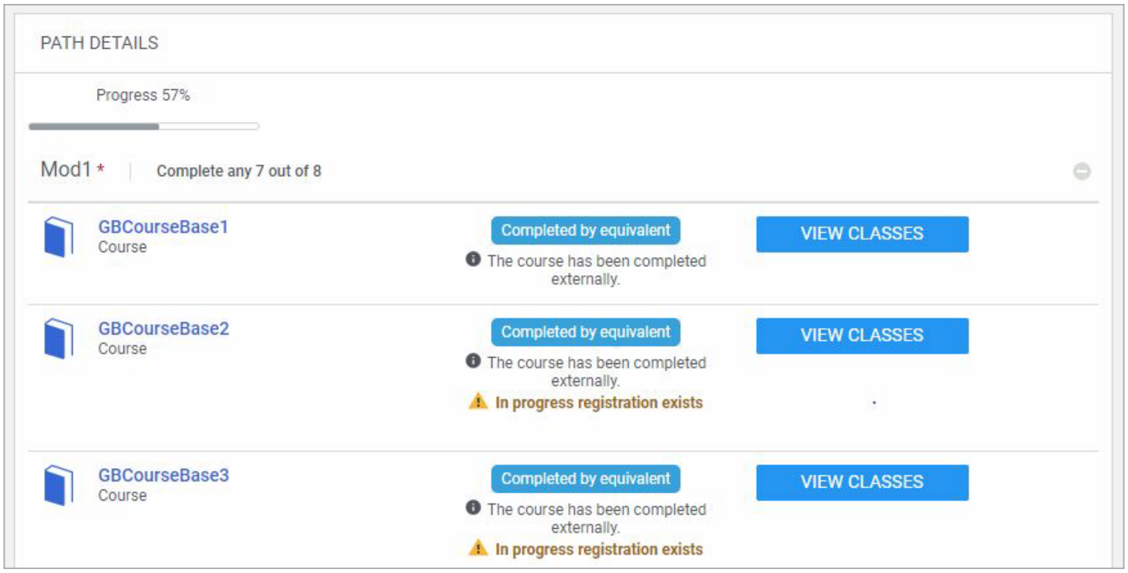


Figure 62: Completed by equivalent message on certification details page before registration

- On the registration page of a certification for learners:
  - Display the course that is already completed via equivalent and indicate the same with an appropriate icon.

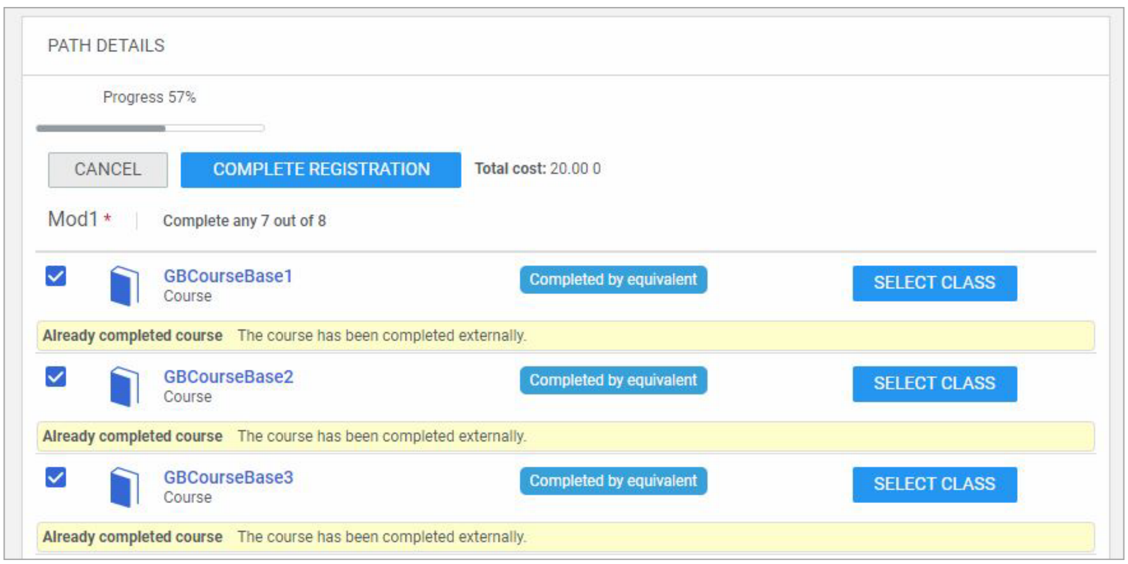


Figure 63: Completed by equivalent message after registration

  - Do not auto-suggest a class for such a course entry; rather, it gives priority to the completion via equivalent.
  - Provide users with an option to select a class so that they can choose to explicitly register for the class of a course that is completed via equivalent.

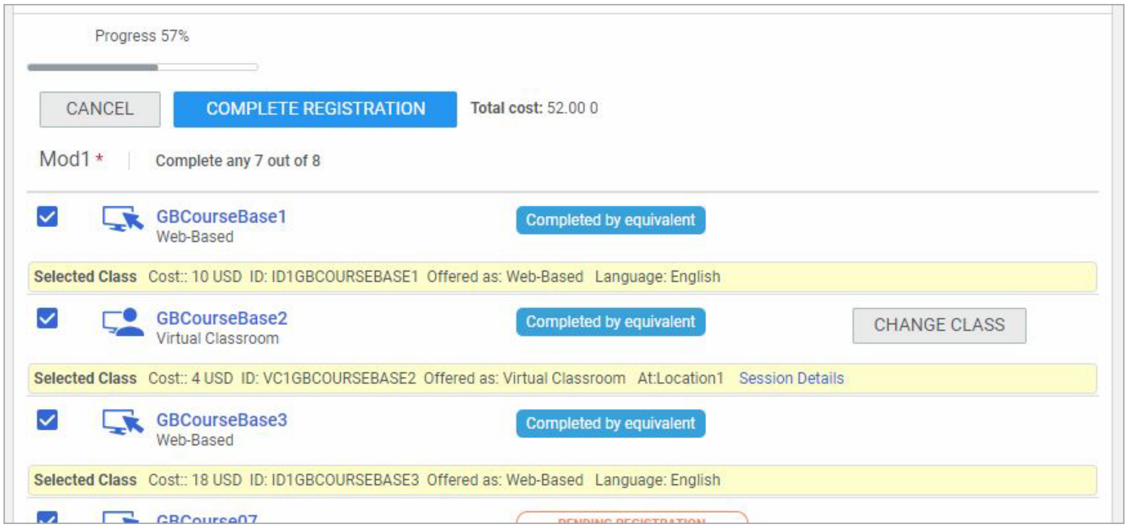


Figure 64: Completed by equivalent message after registration on selecting class

- Display the following message on the certifications page indicating that the certification contains courses that are completed via equivalents.

  "You have already completed this course through the completion of an equivalent course and therefore do not need to take this course again. Since you have an in-progress registration for this course, you may have registered in error. If so, you can drop this registration without negatively impacting the acquisition of this certification."

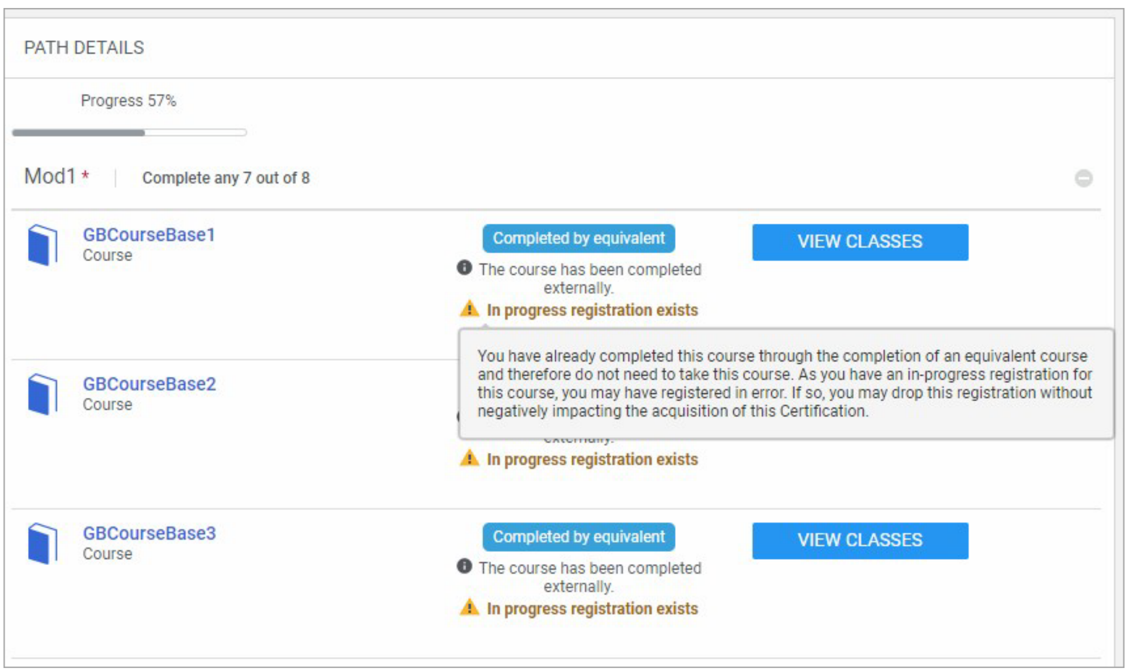


Figure 65: Completed by equivalent message for in-progress registration

- On the registration page of a certification for people administrators:
  - Display the registration of a class that is already completed via equivalent.
  - Admin can additionally create a new registration for a course or use an existing registration.

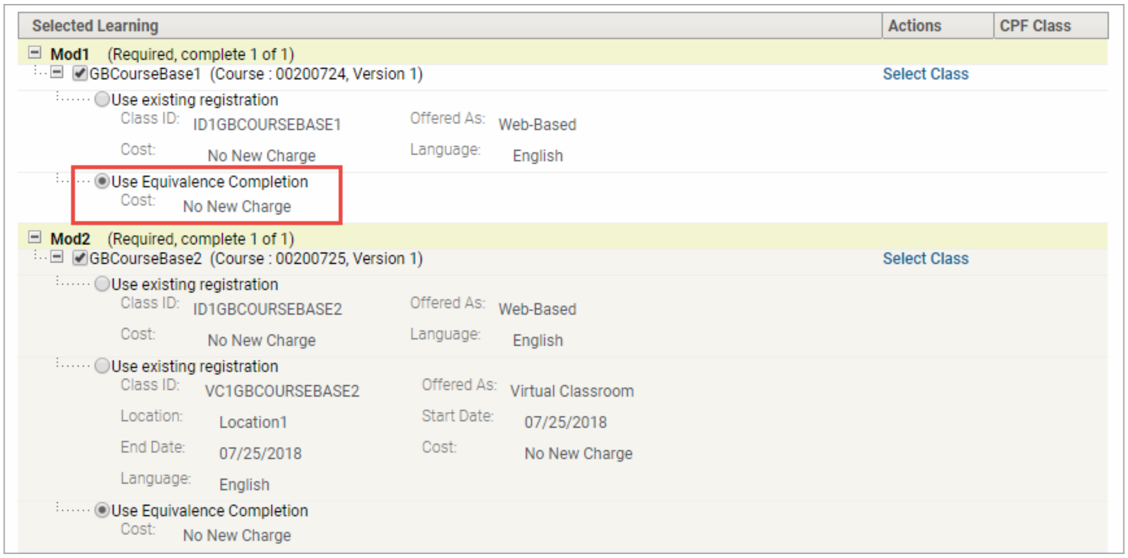


Figure 66: Use Equivalence Completion option for People admin

Use case

Saba Cloud needs to indicate clearly to users when certifications contain learning items that they have already completed via equivalents. For organizations where certifications are used heavily, if users register to such completed items again, it becomes difficult to clean up such records manually.

Limit day fields for certifications, curricula, and recurring courses

How did it work?

Prior to this update, there was no limit on the number of days specified from the user interface for various fields such as Target Days, Expiry Days, and so on in certifications, curricula, and recurring courses.

How does it work now?

With this update, Saba Cloud introduces a limit of 73,000 days (200 years) for the following fields in certifications, curricula, and recurring courses:

Certifications and Recurring Courses

- Target Days
- Reassignment Target Days
- Expiry Days
- Re-take days
- Grace Period Days

Curricula

- Target Days

If you enter a value more than the specified limit, then Saba Cloud displays an appropriate error message for the field.

Use case

Saba Cloud needs to alert users to input valid number of days for certain fields in certifications, curricula, and recurring courses to avoid any errors.

Prevent changes to learning associations of users marked as 'Do not process'

How did it work?

Prior to this update, people administrators could make changes to learning associations of users who were marked as 'Do not process'.

How does it work now?

With this update, Saba Cloud prevents people administrators from taking any kind of action (create, update, or delete) on the following learning components for terminated users who are marked as 'Do not process':

- Course, certification, curriculum, and recurring course assignment
- Course and class registrations
- Transcripts
- Registration modules
- Held checklists
- Held checklist items

Now, Saba Cloud does not display the **Actions** link to people administrators for such users. See figure below for certifications:

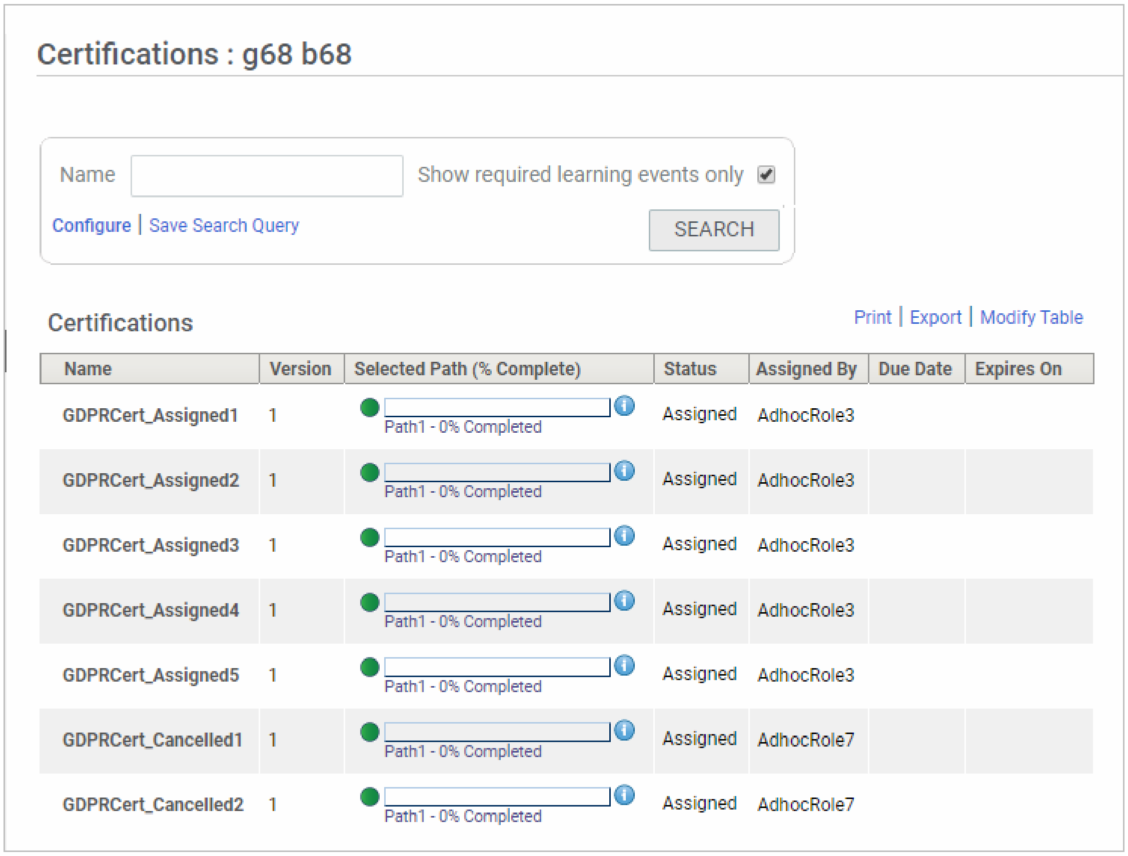


Figure 67: No Actions link for 'Do not process' users

For terminated users who are marked as 'Do not process', Saba Cloud does not change data in the following scenarios:

- Role reconciliation
- Change in role or job
- Course versioning
- Save and publish learning activities
- Change leaner
- Transcript update from any flow
- Bulk update of attendance in a roster
- Manager creating an order for team members
- Registrar creating an order for users
- Person trying to enroll other terminated people in an order

Use case

There is a need to disallow any kind of changes to learning associations of users who are marked as 'Do not process'.

Hide purged user details

How did it work?

Prior to this update, purged user details were visible from certain work flows.

How does it work now?

With this update, Saba Cloud does not display the user plan page, and instead displays a read-only person profile card from the following work flows:

- Assigned By in Class Details page
- Assigned By in Course Details page
- Assigned By in Checklist View from Plan page

Use case

Purged user details must not be displayed in the application to adhere with GDRP guidelines.

Manage other's courses created via the simplified course creation flow

How did it work?

Catalog administrators and super users were not able to view, edit, and manage courses created by others through the simplified course creation work flow.

How does it work now?

With this update, Saba Cloud provides catalog administrators and super users the ability to view, edit, and manage courses created by others through the simplified course creation work flow.

If such courses are accessible to the catalog administrator or the super user, then they can navigate to **ME > Courses I Manage**, search for courses created by others and view, edit, and manage those courses.

Especially, they can now:

- Edit a course
- Save and activate a course
- Assign a course and view learner details

Use case

Users, other than the owners who create courses through the course simplification work flow, need the ability to view, edit, and manage those courses.

Display Microlearning classes in global search and Discover portlet

How did it work?

While searching for Microlearning resources using the global search, Saba Cloud displayed only social resources in the search results. Learning objects such as WBT classes marked as Microlearning were not displayed. Microlearning classes were not displayed even in the **Bite-Sized Content** ribbon in the **Discover** portlet.

How does it work now?

This update provides the following enhancements:

- The global search results now display Microlearning classes. When results contain Microlearning classes, the search filter pane also displays a **Microlearning** filter. The number displayed besides the **Microlearning** checkbox indicates the total number of Microlearning classes found in search results.

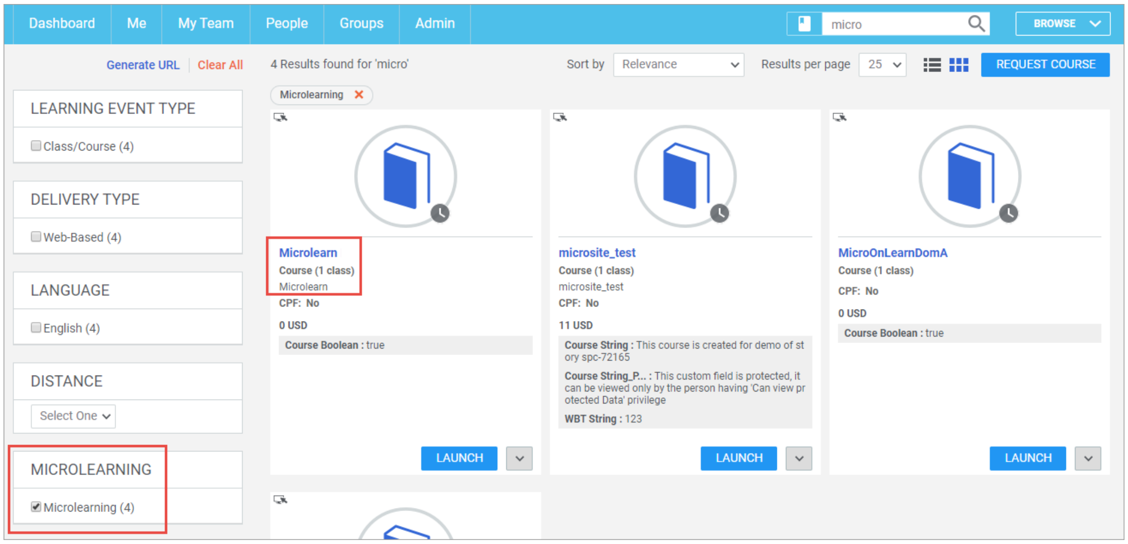


Figure 68: Microlearning classes in global search results

- The **Bite-Sized Content** ribbon in the **Discover** portlet on the user's **Dashboard** page now displays even Microlearning courses. The ribbon displays only those microlearning courses that are not already assigned to the user. Once a microlearning course is added to a user's plan, it is removed from the ribbon.

  Note: Microlearning courses displayed in this ribbon follow the same property "Number of days to be considered for displaying learning items in the New Learning section of browse learning catalog", which governs the visibility of courses in the New Learning Portlet on the Learning Catalog.

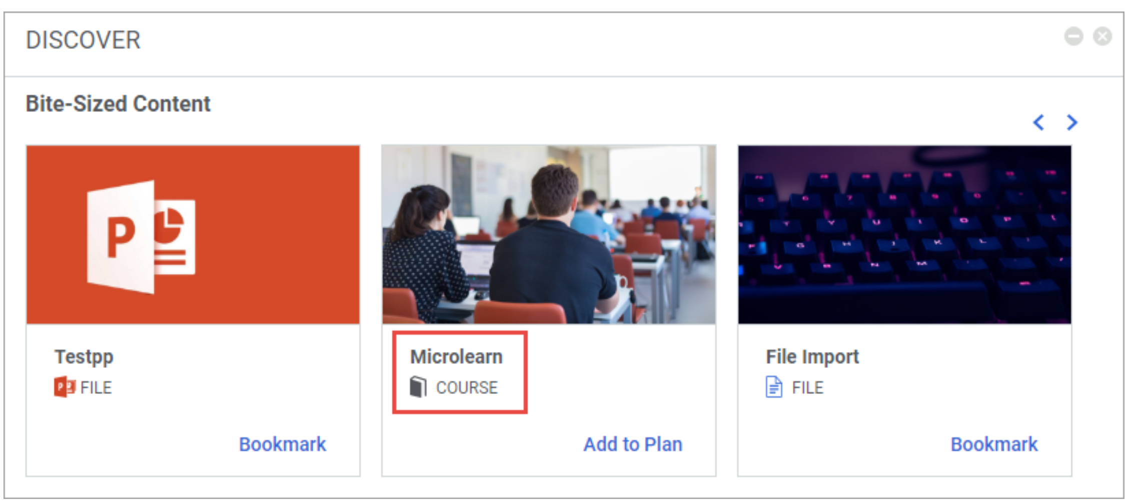


Figure 69: Microlearning courses in the Discover portlet

Use case

Learners need to identify classes marked as Microlearning in search results.

Print a completed checklist

How did it work?

Saba Cloud supported the ability to print a checklist which was not yet completed. There was no option to print completed checklists, though. Additionally, certain checklist details were not available for printing.

How does it work now?

Saba Cloud now allows learners, managers, and checklist evaluators to print completed checklists assigned to them and their team members. The checklist completion status will print the information available at the time of printing.

To print a checklist:

- As a learner, go to **Me** > **Plan** >, search for and edit the required checklist, and click **Print View** > **Print**.
- As a checklist-level or item-level evaluator, go to **Message Center**, view details of a checklist, and **Print View** > **Print**.
- As a manager, go to **My Team**, view a team member's plan, view the checklist details, and click **Print View** > **Print**

Recommended settings for printing

It is recommended you set the following Print options in your browser for printing a checklist correctly:

- Paper size: Legal
- Layout: Landscape
- Options: Background graphics (Selected)

Note: The option names may vary depending on your browser.

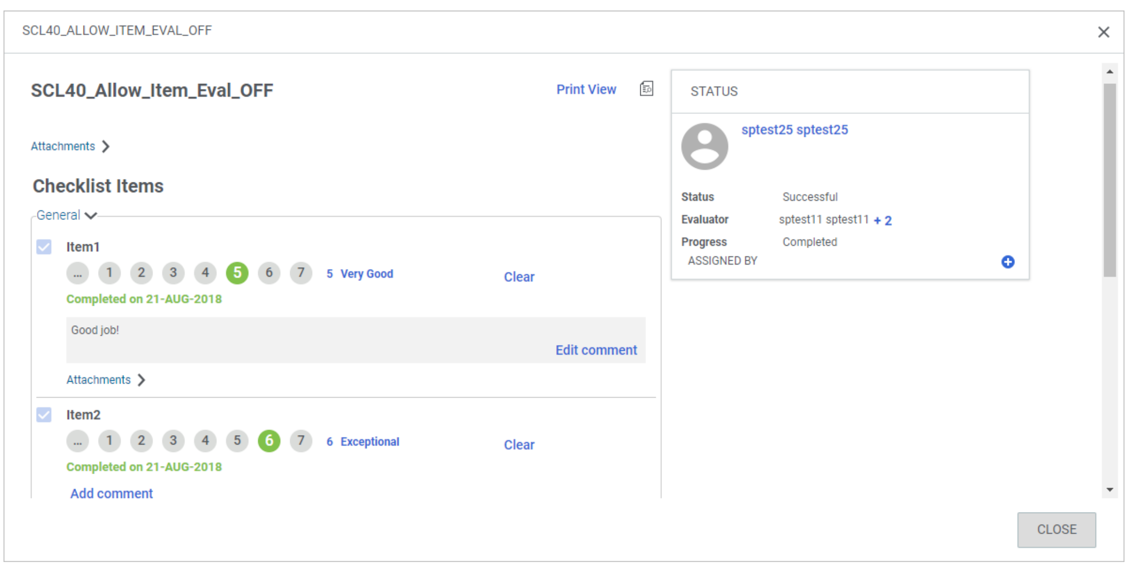


Figure 70: Print View link for a completed checklist

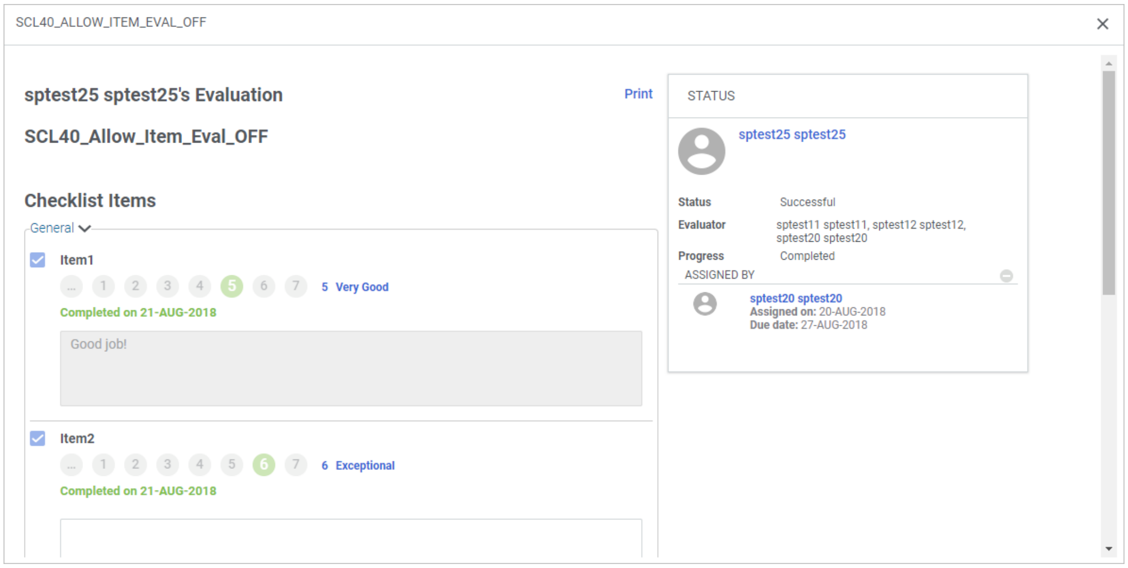


Figure 71: Print link for a completed checklist

Additional checklist details in print view

Additionally, now the following details of a checklist are printed as well, irrespective of the completion status of the checklist:

- Checklist Status section on the right side of the page with:
  - An expanded list of checklist evaluators
  - Status field
  - Progress indicator field
- List of item-level evaluators for each checklist item
- Comments for each item, if already entered
- Blank spaces for comments for each Item, if comments not entered
- Checklist item completion status with checkbox selected, if it is already completed
- Information on when the item was marked complete
- Item rating selected with its value if already rated
- "Not Rated" label with none of the ratings selected, if not rated
- Overall comments, if available
- Blank space for Overall Comments, if comments are not available

Use case

Users and evaluators need to print completed checklists so they can work on them offline.

Update CE plan status based on Ad hoc Transcript data import

How did it work?

The items on a learner's transcript that were inserted via Ad hoc Transcript import did not count towards the credits completed in a Continued Education (CE) plan. The user status for the CE plans remained in "In Progress" status when the learner had actually completed the required quantity, if the record of completion came via data import.

How does it work now?

Saba Cloud now updates a learner's CE plan status when the learner earns credits through Ad hoc Transcript data import when the Completion Date of the transcript created is in the Active Date range of the CE plan.

To import an Ad hoc Transcript, system administrators can navigate to **System > Manager Integrations > New UI Import**, and select **Adhoc Transcript** from the dropdown list. They must ensure to specify the FOS and its credits in the file. The FOS must be associated to the course and the CE plan, and the CE plan must be assigned to the learner. Credits, more than the credits defined for an existing course, cannot be added via import. Through data import, only the credits passed through data file are earned.

The credits that are passed for external courses through Adhoc Transcript, can be counted against CE Plan completion if the Completion Date is within the Active date range of the CE plan.

If the FOS functionality is disabled, then "Default Field of Study" must be passed in the FOS field for the Adhoc Transcript with the required credits.

The locked CE plan and ended CE plan, whose Active Date range does not match with the Completion Date of the transcript, are not updated through Ad hoc Transcript import.

Saba Cloud processes the held CE plans in batches using the async job 'Reconcile the CE Held plan status after ad-hoc transcript', where each job processes a fixed number of held CE plans. If the number of updated held CE plans after Ad hoc Transcript import is large, then a large number of async jobs are created. Thereby, even though the import is successful, it can take time to refresh the CE Held Plan status on the Saba Cloud UI for a learner.

Use case

Items on a user's transcript that are inserted via Ad hoc Transcript import need to be counted towards credits required in a Continued Education plan.

Chapter 4

Marketplace

Topics:

- Webex and Adobe connectors need activation key
- Marketplace supports version 30.1 of Workday Web Services
- Info-Tip content is provided for essential fields in connector configuration screens
- Configuring Tango Card connector
- LinkedIn Learning (LiL)connector
- Connector for ADP is now available in Marketplace
- Auto-populate activation key

Webex and Adobe connectors need activation key

How did it work?

Until now, Webex and Adobe connectors did not require and activation key.

How does it work now?

With this update, an Activation Key is introduced on Webex and Adobe VLE Connectors. If the Activation key is invalid or not present, user cannot create classes from Saba to VLE connector and cannot create or delete training sessions in Webex.

Users who have the Webex/Adobe VLE connector already configured successfully get an activation key automatically.

User has an option to start a 30-day Free Trial right from the connector without contacting Saba Support personnel.

Use case

This update introduces an Activation Key on Webex and Adobe VLE Connectors.

Marketplace supports version 30.1 of Workday Web Services

How did it work?

Until now, Saba Cloud Marketplace connector supported v18 and v25.1.

How does it work now?

With this update, version v30.1 of the Workday Web Services is supported.

However, existing Workday connector users should not just replace their Integration URLs to use new versions. They need to check their Data Mapping and verify the integration. Saba does not guarantee connector working successfully if Integration URL is replaced without reviewing corresponding data mapping.

Use case

This update provides support for v30.1version of Workday web Services.

Info-Tip content is provided for essential fields in connector configuration screens

How did it work?

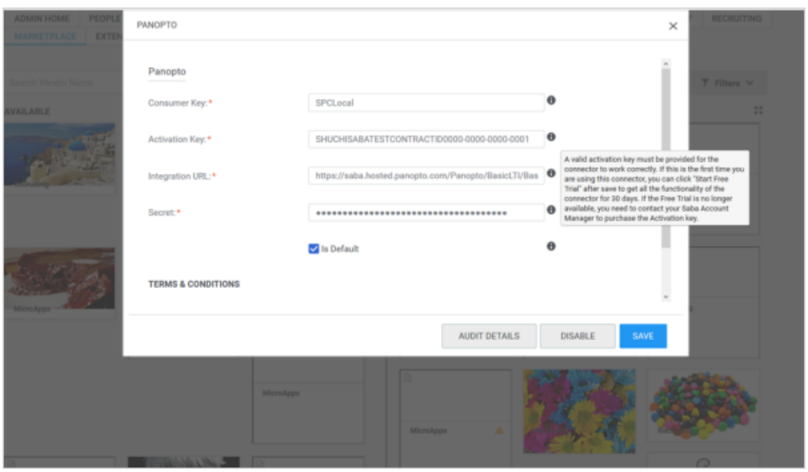
New feature.

How does it work now?

In this update, InfoTip content has been added to all essential fields in the Connector configuration screens. When you mouse over the infotip icon, text with details of the field will show. This will help in figuring out and entering the correct value needed for each field when launching the connectors.

This feature is available for all active connectors within Marketplace.

Info-tip text shown for Activation key field



Use case

The newly added infotip content will help users figure out the necessary information they need to provide to launch the connectors they need to work with.

Configuring Tango Card connector

How did it work?

New feature.

How does it work now?

Saba Cloud Marketplace now provides the connector for Tango card as part of Saba Cloud Rewards configuration.

Tango card is a digital reward provider, which allows the user who receives them to choose gift cards, donations and promotions that are associated with the card as part of a rewards program or a similar process.

An administrator can enable Tango Card as part of the Saba Cloud Rewards Redemption program via Marketplace. Before a user can use the Tango Card gift cards, it must be configured and enabled within Saba Cloud.

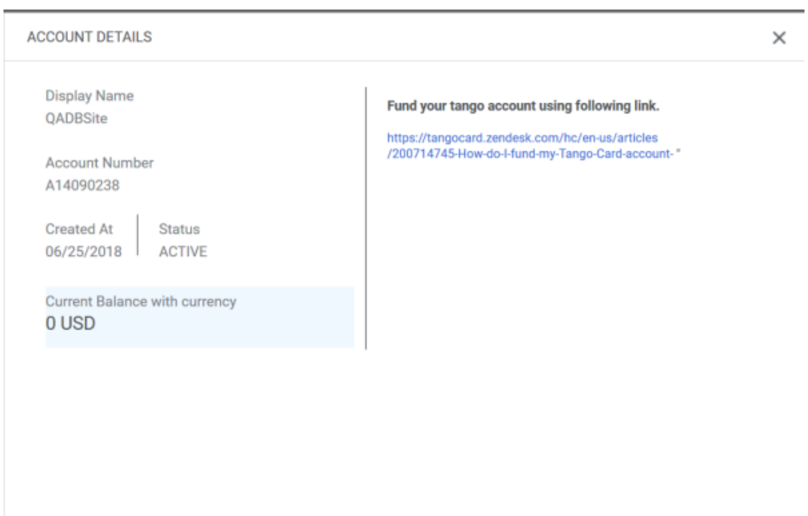
TANGO card tile

Once the Tango Card connector is enabled, the user (system administrator) can view the account details and make sure there are enough funds to let users redeem their points for gift cards. All the information to fund the Tang Card account is provided on the same screen.

The following account information are displayed.

- account number
- display name: the name of the account created by Saba Cloud.
- createdAt: the date at which the account was created.
- currentBalance: the account fund balance.
- currencyCode: the currency, typically USD.

Account details



If Saba Cloud Rewards Redemption program is not enabled first, the Tango Card solution cannot be enabled.

Synchronizing with Tango Card catalog

Saba Cloud will maintain a central catalog of Tango Card gift cards so that users have access to the latest offerings from Tango Card. A periodic update of this catalog is maintained by Saba to keep the catalog upto date.

Adding funds to the Tango Card account

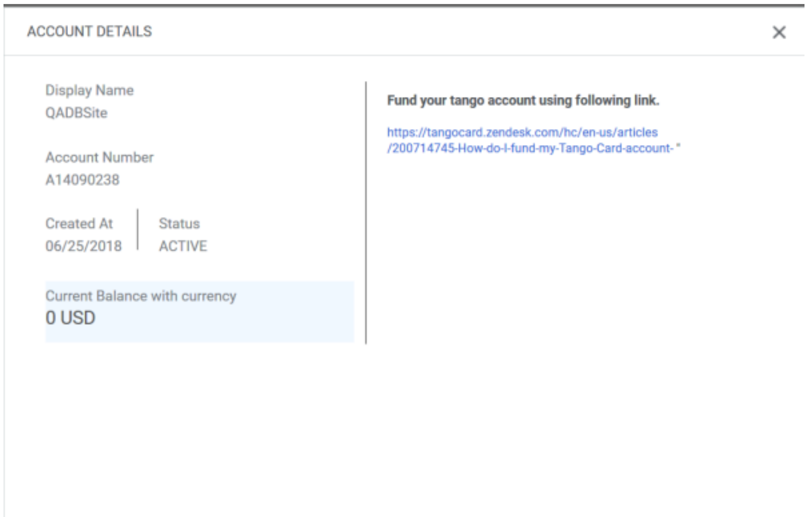
To redeem Tango Card gift cards by a user, the Tango Card account must have sufficient funding. Once the administrator enables Saba Cloud Rewards and Tango Card account, he can verify the fundings and fund additional money if needed.

To fund the Tango Card account:

Login to Saba Cloud and navigate to **Admin**>**Marketplace** and click on the **Tango** card tile.

If an account is already set up, the account details page will display showing the account details and the current balance.

Tango card account details



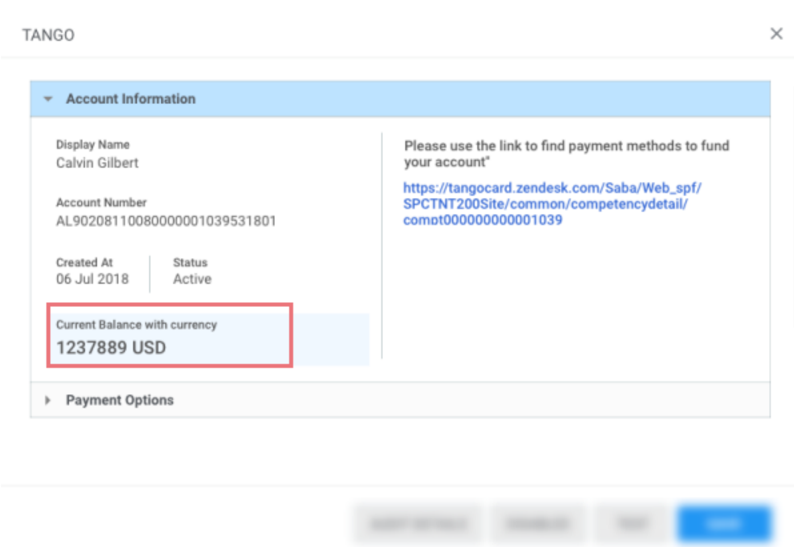
On the same screen, there will be a link to a page that provides information on different options for funding the account.

1. ACH or Wire Transfer (offline method, outside of Saba Cloud)
2. Paper Checks (offline method, outside of Saba Cloud)
3. Credit Card Deposit (subject to 3.5% fee for processing (online method)

Choose the option by which you will add the funds and follow the instructions.

The fund will be added to the account as shown in the following image:

Funds added



Set reward points value for Tango cards

You should also set the reward points for Tango cards.

The Saba Cloud conversion format is from points to US dollars.

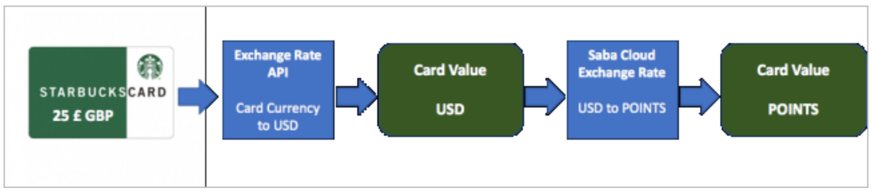
For example:

One point = 0.05 US Dollars.

Tango Card gift card values may be expressed in different currencies based on the location of the user assigning or purchasing the cards. Tango Card defines the exchange rates and based on that conversion rate, equivalent US dollars will be assigned. Saba maintains the USD conversion into equivalent points.

The billing to the Tango account will be funded and distributed in U.S. Dollars only.

Currency conversion in Tango Gards



To add the card value for the Rewards card:

Navigate to **Admin**>**System**>**Configure Systems**>**Services**>**Rewards**

1. On the Setting Rewards page:
    a. Enter the **Domain** name.
2. In **Specify the value of 1 USD in terms of points** field, enter the point value you assign for 1 USD.

Use case

This update provides the method for users to directly access Tango Card rewards account and use the wide variety of rewards options provided by Tango Cards.

LinkedIn Learning (LiL)connector

How did it work?

New feature.

How does it work now?

A new connector for LinkedIn Learning has been added to Saba Cloud in this update. This new connector will synchronize courses from LiL as content into Saba Cloud. The connector also provides a mechanism to provide migration from Lynda content to LinkedIn Learning.

You can access the LinkedIn Learning content from the Marketplace dashboard.

1. Navigate to **Admin**>**Marketplace**>**Contents** tab

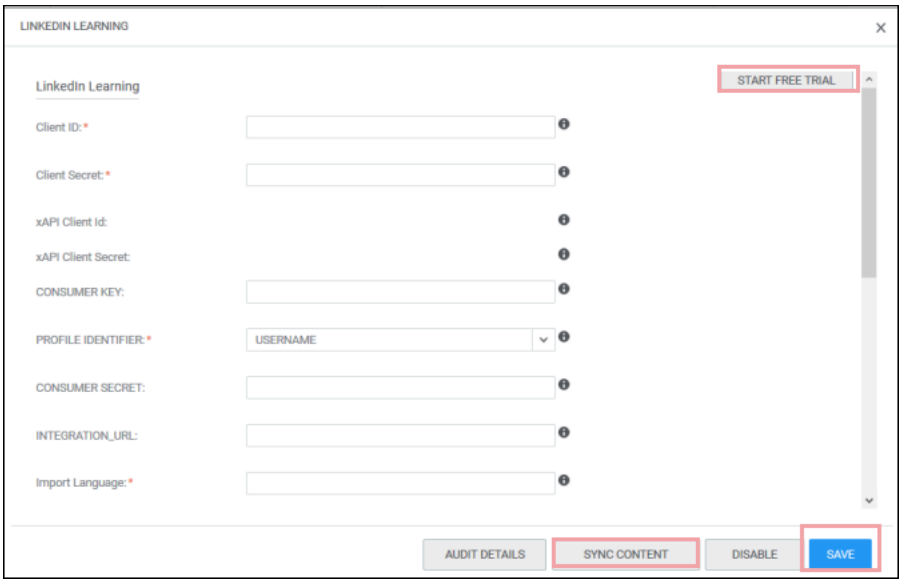
2. Click on the **LinkedIn Learning** tile to launch the configuration card.

On the configuration card, enter all the details and **Save**.

ClientID, Client Secret, Consumer key, Consumer secret, Account No or organization ID (account number with LinkedIn).

The above fields are provided by LinkedIn and you should get them before you start configuring.

LinkedIn Learning configuration card



Once you enter the required details and saving, you can click on Sync Content to initiate the process for bringing the content to Saba Cloud.

Using the Free Trial option

If you prefer to use the application for a trial period before purchasing, click on **Start Free Trial**. This will allow you to use the product for free for 30 days after which you need to purchase the product.

Once the trial period is over, you will be required to enter the Activation key to continue using the product. Contact Saba support personnel to get the **Activation key**.

Monitoring Import and Content Validation

1. Go to **System** > **Manage Integrations** > **Integration Studio** > **Monitor All Import**.
2. The Data import process table lists the jobs. Look for **Bulk Content Import<timestamp>.csv** and download the logs by clicking **Actions** > **Download Logs**.
3. Go to **Admin** > **Learning** > **Manage Content** and select your chosen **Content Folder**.
4. Validate that the content has been correctly imported by click the **Preview Content** link.

Use case

A new content connector for LinkedIn Learning has been added to Saba Cloud Marketplace application.

Connector for ADP is now available in Marketplace

How did it work?

New feature.

How does it work now?

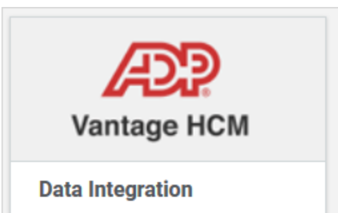
In this update a new connector for ADP is added in Saba Cloud Marketplace for automated import of data from ADP.

ADP is an HRIS application that serves as the System of Record for Employee and Contractor information for companies.

Follow these instructions to configure the ADP connector in Marketplace:

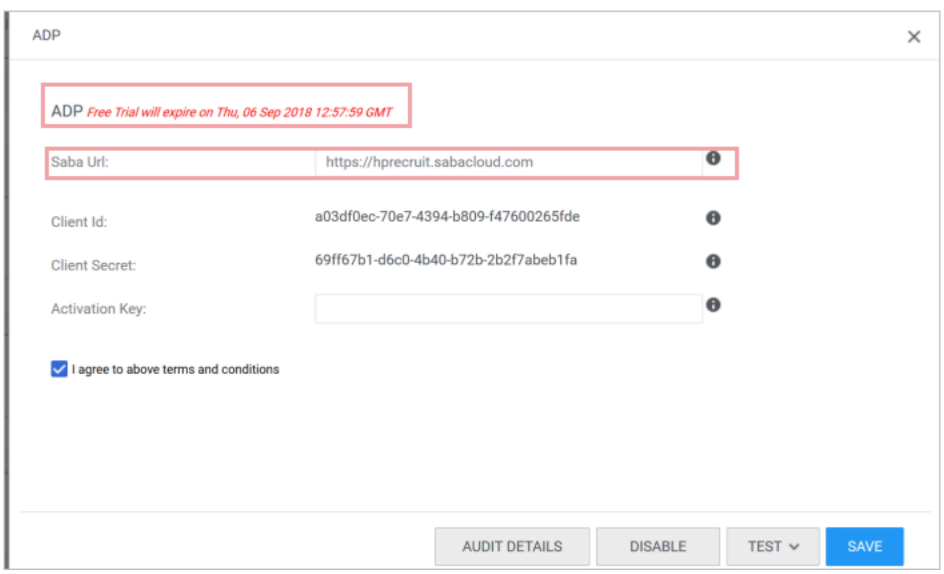
1. Log in to Saba as the **Administrator**.
2. Go to **Admin** > **Marketplace** to access the Saba Marketplace.
3. Click on the ADP tile to launch the ADP configure screen.

   ADP connector tile

4. Agree to the **Terms & Conditions** that appear in a dialog box.
5. Click the ADP Software connector again. The screen shown below will pop up.

ADP connector configure screen



You need to access the ADP site to purchase Saba Cloud. Once you have done that, you will receive a Saba URL from ADP.

You need to provide the same URL here on the configuration card field.

ADP will provide the details for the following:

- Client Id and Client Secret.

Activation Key is required for configuring this connector. You can get the activation key by contacting Saba Support or your Saba Account Manager.

Using ADP on a Trial Basis

You can also try connecting to ADP on a trial basis before a formal activation. Saba Cloud provides a mechanism to enable ADP connector on a trial mode for 30 days.

Saba will make a record of when the trial period begins and will automatically disable the connector after the trial period expires.

When a connector is in trial mode, the connector will show that it is in trial mode and the trial option will end on a specific date.

It is not possible to be on trial mode more than once.

Note: Once the trial period is over, user needs to purchase and enter an activation key. To purchase the activation key, contact your Saba Account Manager or Saba Support.

Use case

A new connector for ADP HRIS application has been implemented. This enables users to directly access ADP services from Saba Cloud Marketplace.

Auto-populate activation key

How did it work?

Previously, administrators had to manually enter the activation key in paid connectors.

How does it work now?

Starting with this update, when a request is made for Activation key, Saba will create the activation key AND pre-populate it in the connector. Administrators no longer need to populate it manually.

Activation key field populated by Saba

Use case

Pre-populating the Activation Key saves time and effort for the administrator.

Chapter 5

Meeting

Topics:

- Increase in audio channels

Increase in audio channels

How did it work?

The meeting or an event was getting created with fixed 4 concurrent audio channels. However, the user had provision to change it from the Saba Meeting app settings after launching it.

How does it work now?

Saba Cloud now sync settings made in the Meeting Admin portal related to the audio channels. In the Saba Meeting Admin portal, the admin can update the following settings:

- Default number of concurrent speakers for meetings and events.
- Maximum number of audio channels allowed.

The above settings are available under **Saba Meeting** > **Manage domains** > **Properties** tab > **Audio** category.

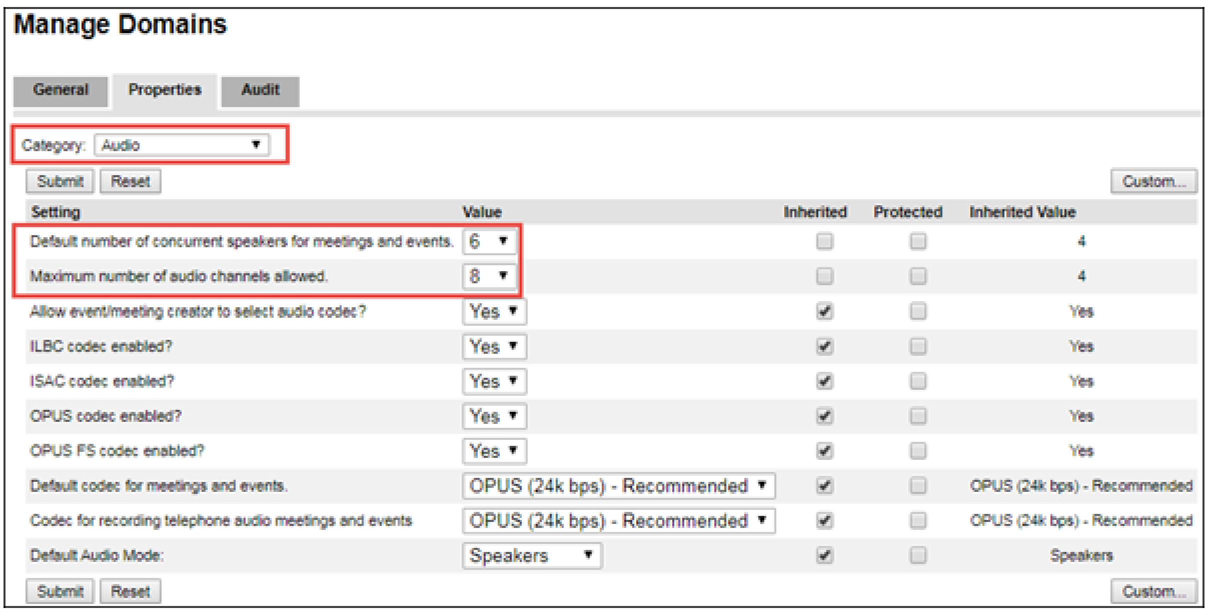


Figure 72: Audio channel settings in Meeting Admin

These settings are then adhered by Saba Cloud and the values appear correctly while creating a new upcoming meeting or event. While editing a meeting or an event, it populates the concurrent speaker values selected at the time of creation. However, the **Concurrent Speakers** LOV gets updated based on the **Maximum number of audio channels allowed** property from the Saba Meeting admin portal.

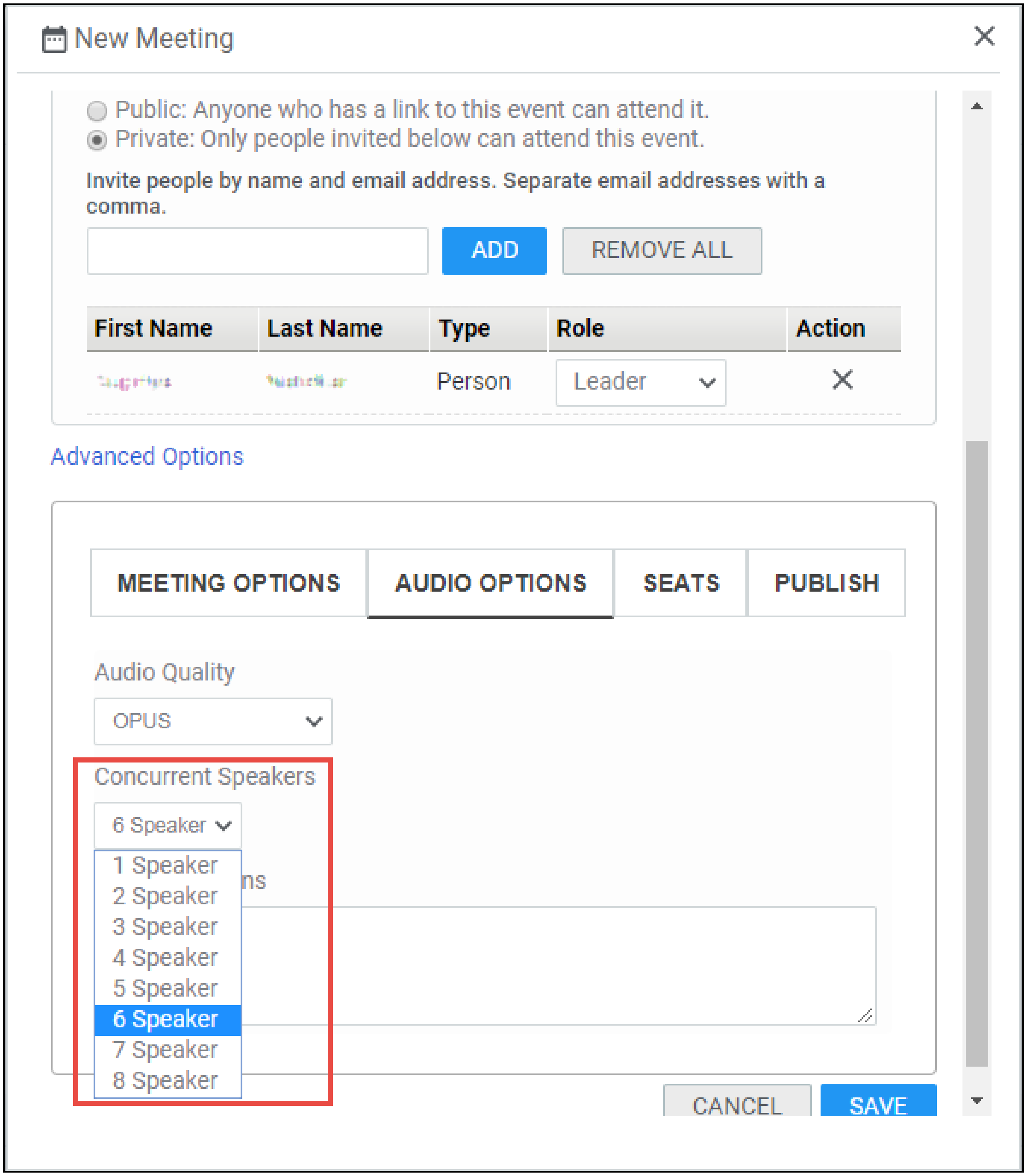


Figure 73: Concurrent Speakers setting

Ideally, up to 10 audio channels are supported and the default number of channels will be displayed based on the settings in the Saba Meeting Admin portal.

If the **Audio Type** is set to **Both Telephone and VoIP**, the default selection of **Concurrent Speakers** number decreases by 1 provided the default and maximum concurrent speaker values are same. This happens as one speaker connection is used for Telephone. The settings are intact if the **Audio Type** is set to **Telephone Only** and **VoIP Only**. If the user switches the value from **Both Telephone and VoIP** to **VoIP Only**, then the concurrent speakers increase by 1 provided the default and maximum concurrent speaker values are same.

Use case

This allow users to set the concurrent audio channels value for a meeting or an event as per their requirement.

Chapter 6

Performance

Topics:

- New notification when a reviewee finalizes their review
- Use Goal Activities to support skill development
- Enhancements to Impressions page
- Enhancements to 'Leave an Impression' flow
- Greater flexibility when attaching impressions to a review
- Notes are re-labeled as tasks in Workboard and Check-ins
- Open Saba Meeting from within Check-in
- Additional reviews links added to Me page
- Add additional text in the skills description

New notification when a reviewee finalizes their review

How did it work?

The Reviewee's Line Manager was not notified when the reviewee finalized their review, which completed the review process.

How does it work now?

If notifications are configured, the Reviewee's Line Manager will receive an email notification when the reviewee finalizes their review.

The Review is finalized by reviewee notification can be enabled in System > Configure System > Services > Performance > Reviews > Notifications.

Use case

This enhancement improves visibility for a Reviewee's Line Manager when reviewees finalize their review.

Use Goal Activities to support skill development

How did it work?

Within the goal framework, employees could add skills, learning, and tasks as a part of Related Activities.

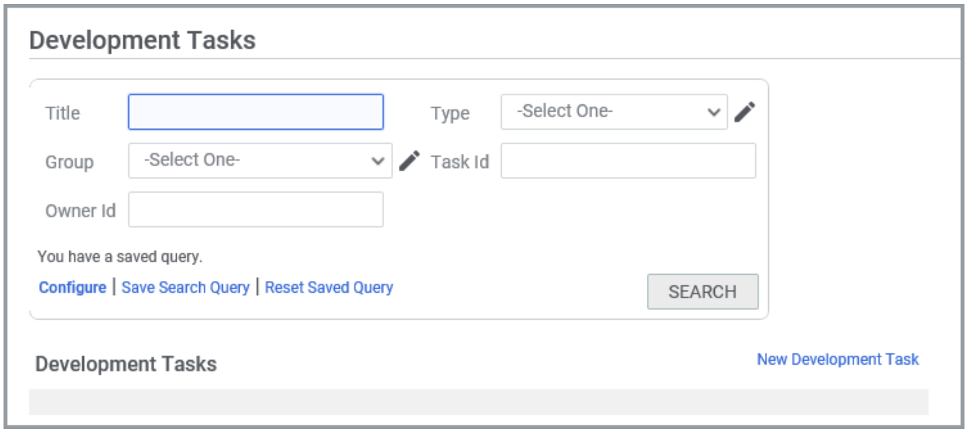
How does it work now?

Employees can leverage the goal framework to support skills development, which includes the following enhancements:

- The Goal Activities section (formally Related Activities), which includes links to Select skill to develop, Add learning, and Add tasks, is now more prominent and appears directly under the goal information.
- When creating a goal, after clicking the Select skill to develop link, the user is prompted to search and select a skill that they want to develop. A user will be able to add any number of skills from this page.
- If configured:

  After selecting a skill to develop, the user will see a list of recommended learning that is associated with the skill to develop. This list will also include the attainment level users will acquire for each learning recommendation.

  After selecting learning to add from the recommended list, the user will see recommended tasks associated with the skill. These tasks are created in HR > Manage Skills > Development Tasks.



After selecting tasks to add to support their development of the skill, the selected learning and tasks will appear on the goal.

Use case

These enhancements allow support for including development tasks in skills and recommended learning in association with skills to develop.

Enhancements to Impressions page

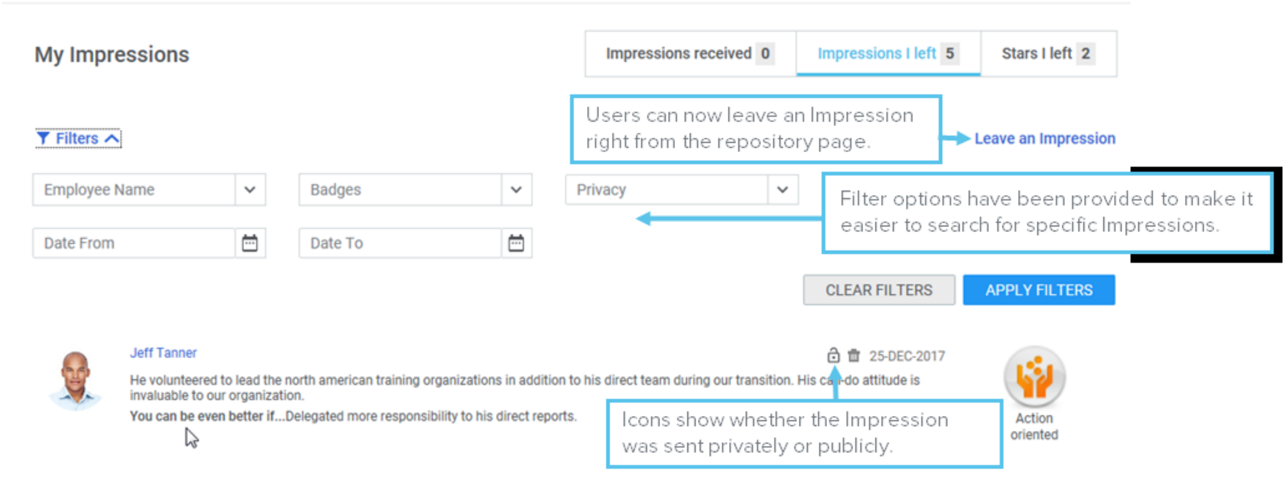
How did it work?

- Impressions were located manually by scrolling.

How does it work now?

A number of enhancements have been made to the Impressions Repository to:

- provide a segmented display of Impressions received and sent
- support an unlimited number of Impressions on the repository
- provide efficient multi-record navigations and pagination
- include icons to indicate whether the Impression was sent privately or publicly



Use case

These features make it easier for users to search, filter, and locate Impressions received and sent.

Enhancements to 'Leave an Impression' flow

How did it work?

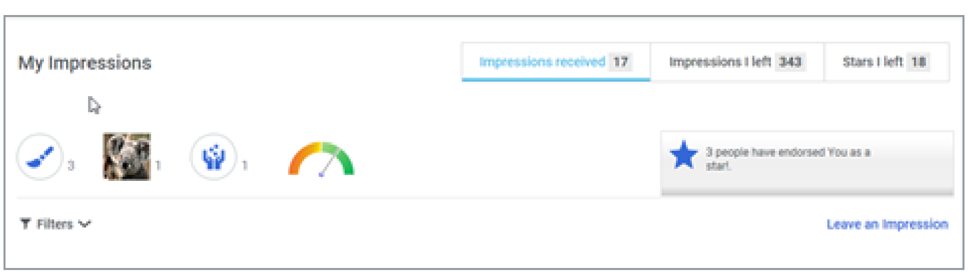
- Impressions could only be left for one person at a time.
- There were fewer places to access the ‘Leave an Impression’ interface.
- User was required to leave public feedback (private feedback could be added, but the initial Impression was public).
- When NPS capability was enabled, the user was required to answer the NPS question before they could leave an Impression.

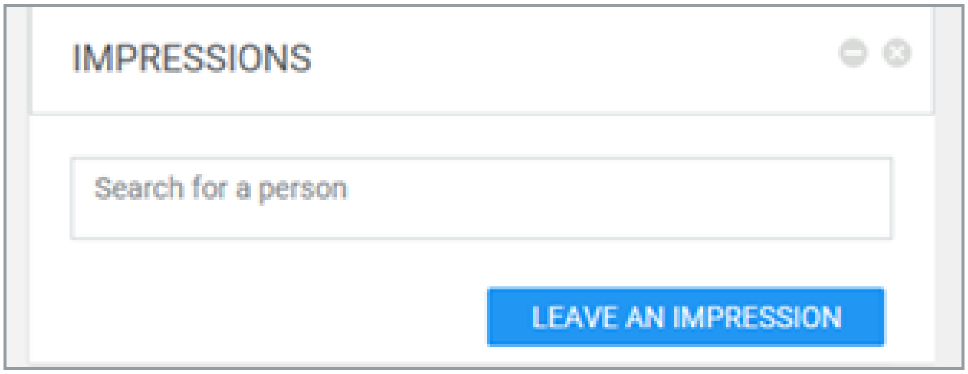
How does it work now?

A number of enhancements have been made to the 'Leave an Impression' flow:

Easier access to the Leave an Impression interface

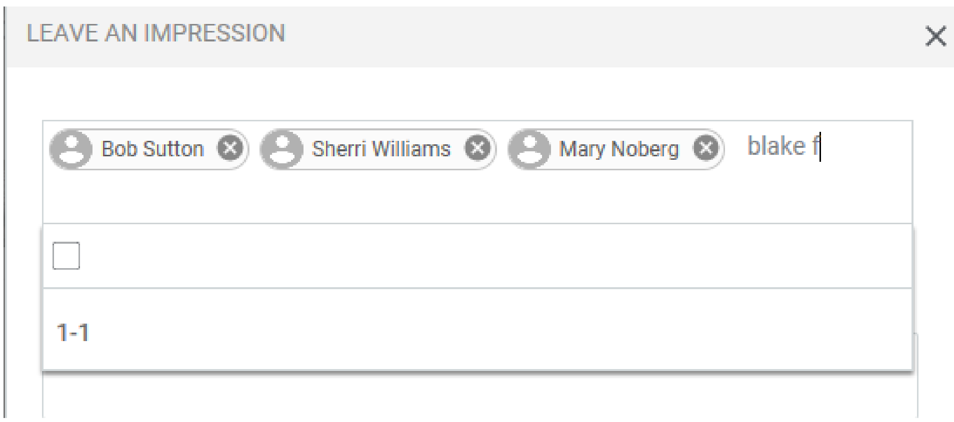
Two additional entry points to ‘Leave an Impression’ have been provided for users. There is now a ‘Leave Impression' option on their own Impressions page, as well as an Impressions portlet that users can select to add to their Home page.





Ability to leave a single impression to multiple recipients

When leaving an Impression, users will be able to search for, and add as many recipients as they would like.

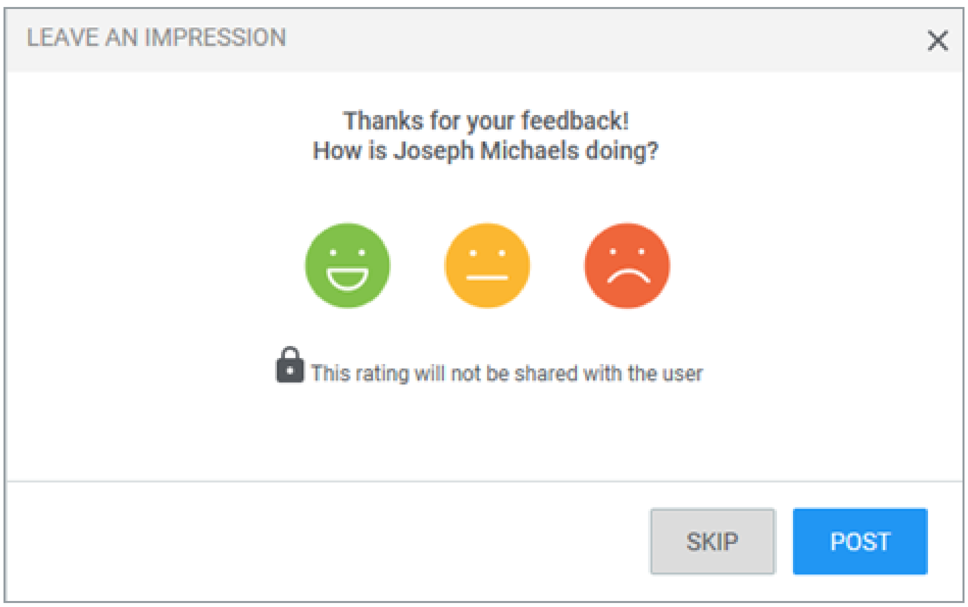


Choose to send public or private feedback

When leaving an Impression, users will be able to specify whether the feedback is private or public. The default will be Private, which will be only visible to the sender, the recipient, and the recipient's manager (including secondary managers and higher level managers with that employee in their hierarchy).

Option to bypass NPS question

When NPS is enabled, the question will appear only after the feedback has been left, and users will have the option to skip the question entirely.



Use case

These enhancements create a simple, more intuitive way to send informal feedback.

Greater flexibility when attaching impressions to a review

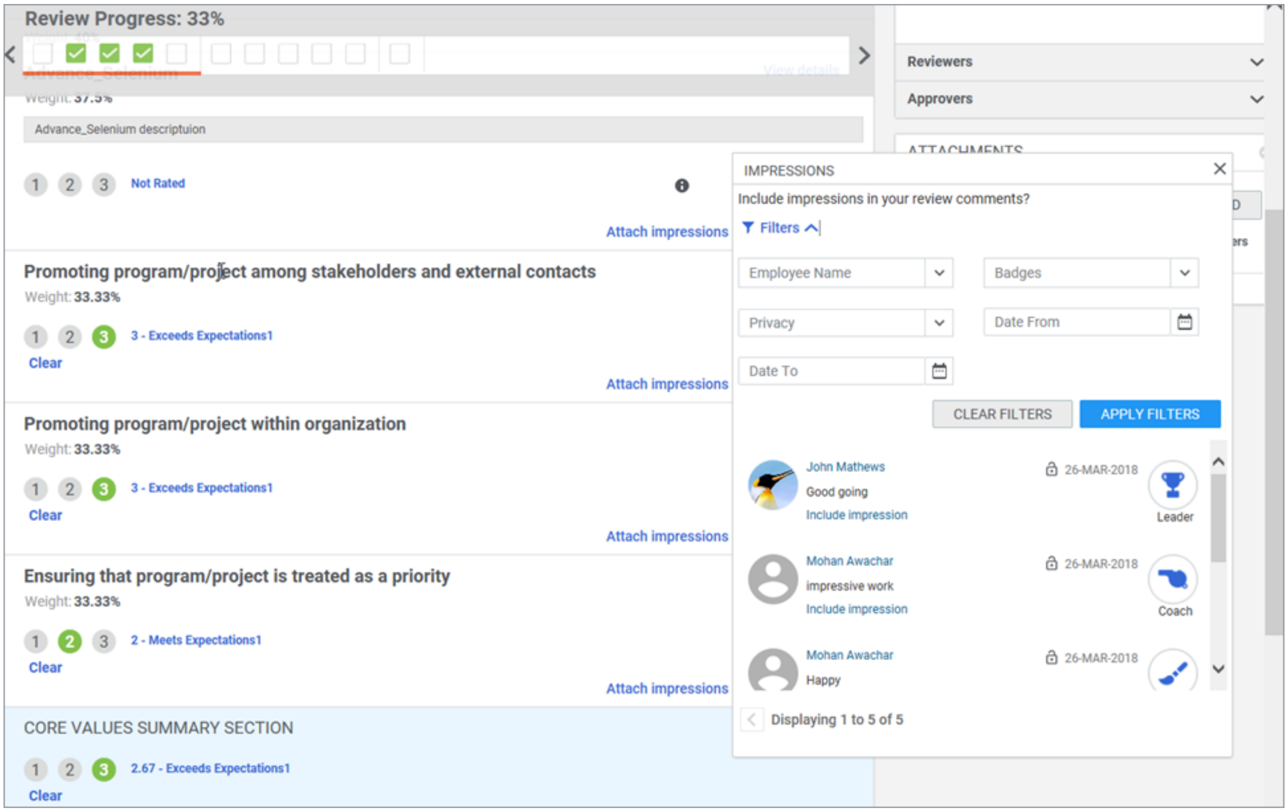
How did it work?

- Impressions could only be attached to an item being reviewed if the commentary box was enabled.

- Impressions could not be attached to an item being reviewed if the skill was being rated by behavioral indicators and the grid/matrix view was displayed.

How does it work now?

An ‘Attach Impressions’ link is now available on review forms to allow you to attach Impressions without the need for a comment box. When you click the link, the Impressions popup opens with the same new functionality as on the Impressions page, allowing you to use filters to search through your Impressions.



Use case

These enhancements create a simple, more intuitive way to send informal feedback.

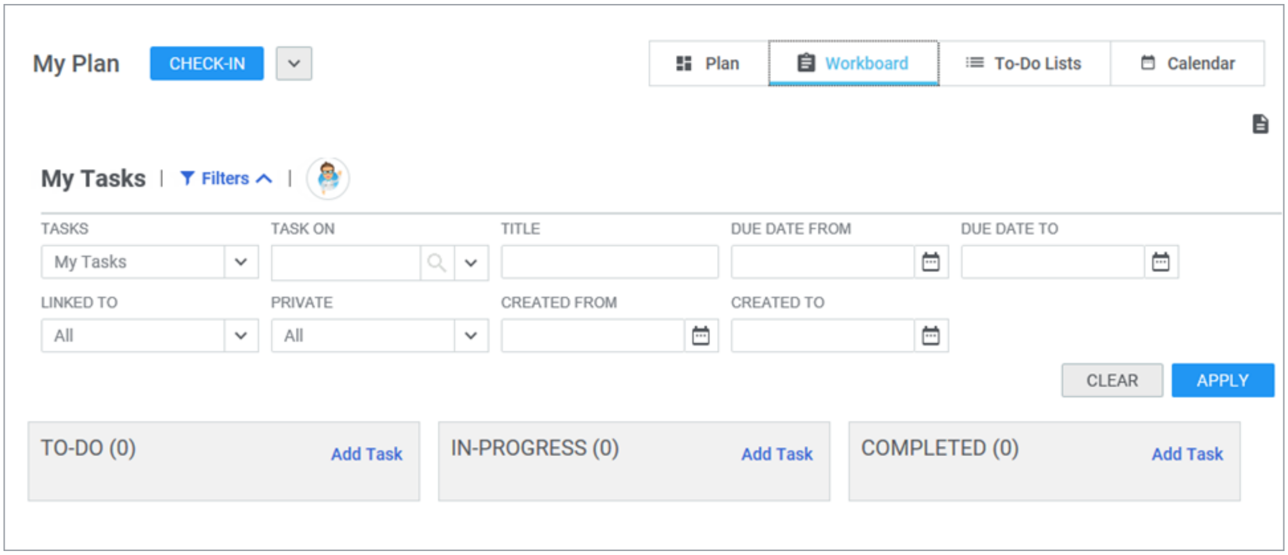
Notes are re-labeled as tasks in Workboard and Check-ins

How did it work?

- Items added to the Workboard were labeled as notes.

How does it work now?

Items previously referred to as notes in the Workboard have been re-labeled as tasks wherever they appear both on the Workboard and in Check-ins, as well as when they appear in reviews and goals. This change also applies to any notes that were created previously in either Workboard or within the Check-in agenda.



Use case

This makes it easier for users to understand how to use the Workboard to keep track of tasks to be completed - rather than as a means of communication.

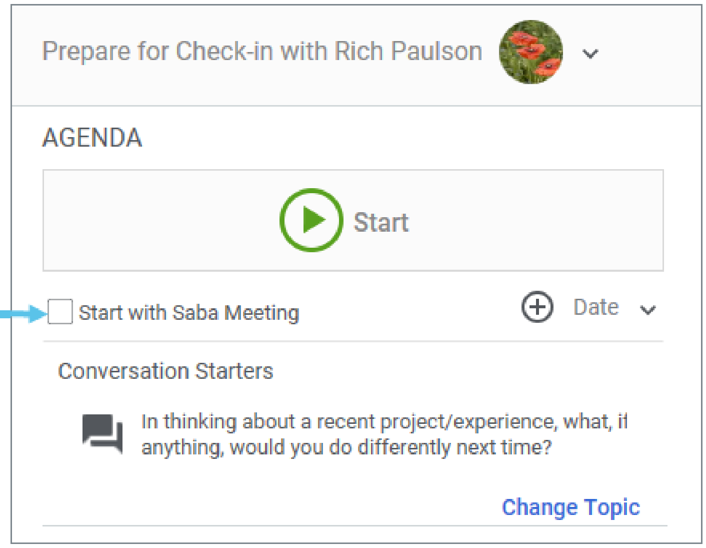
Open Saba Meeting from within Check-in

How did it work?

Managers would need to open Saba meeting separately in order to conduct a check-in remotely.

How does it work now?

Within check-in, you can launch a Saba Meeting by checking the Start with Saba Meeting checkbox before clicking Start. Saba Meeting will open and an email with the meeting details will automatically be sent to the employee. The employee can then join the meeting and you can conduct the Check-in remotely without ever having to leave the Check-in page.



Use case

This provides a more convenient and seamless experience for managers completing check-ins with remote employees.

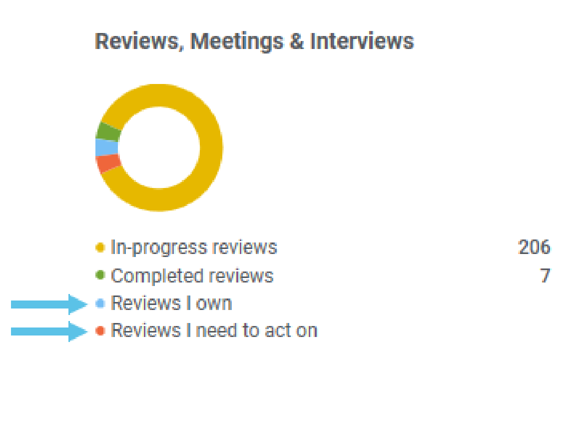
Additional reviews links added to Me page

How did it work?

On the Me page, there were only two links provided with the Reviews, Meetings & Interviews donut: Completed reviews, and In-progress reviews.

How does it work now?

In addition to the In progress reviews and Completed re~ views links, there will also be Reviews I own, and Reviews I need to act on. Note: These links will only appear if you have at least one review in that particular bucket.



Use case

This provides a more streamlined experience in that they will be able to directly access the reviews they need to act on or that they own, without having to use additional clicks.

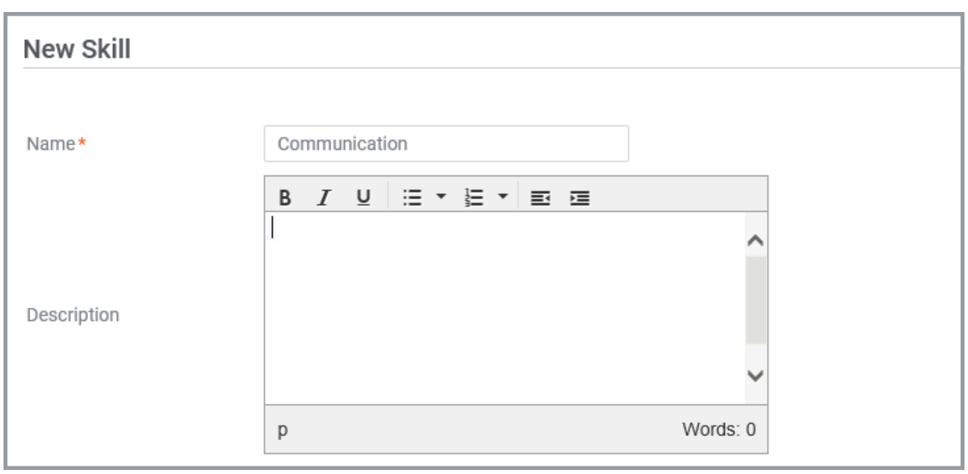
Add additional text in the skills description

How did it work?

The skill Description field was limited to a maximum character length of 1000 characters.

How does it work now?

There is no maximum character length for the skill Description field.



Chapter 7

Pulse 360

Topics:

- Enhanced custom survey analysis
- Domain aware custom surveys

Enhanced custom survey analysis

How did it work?

When survey owners analyzed custom survey responses, they needed more powerful tools to analyse results and more compelling visuals. For example, there was no ability to analyze the question data using different criteria.

How does it work now?

Saba Cloud enhances the overall custom survey analysis page by providing the following enhancements:

- Enhanced question visuals

  Displays all question of a the selected survey in a visually appealing manner.

- Enhanced question analysis

  Introduces the new demographic filters to analyze each question in detail. Survey owners can select one or more demographic criteria and click the **Apply** button to filter question results. For multiple criteria, the AND operation is used between each criteria to filter results.

  Note: Currently, the demographic filters are restricted only to the first three demographic questions in the survey.

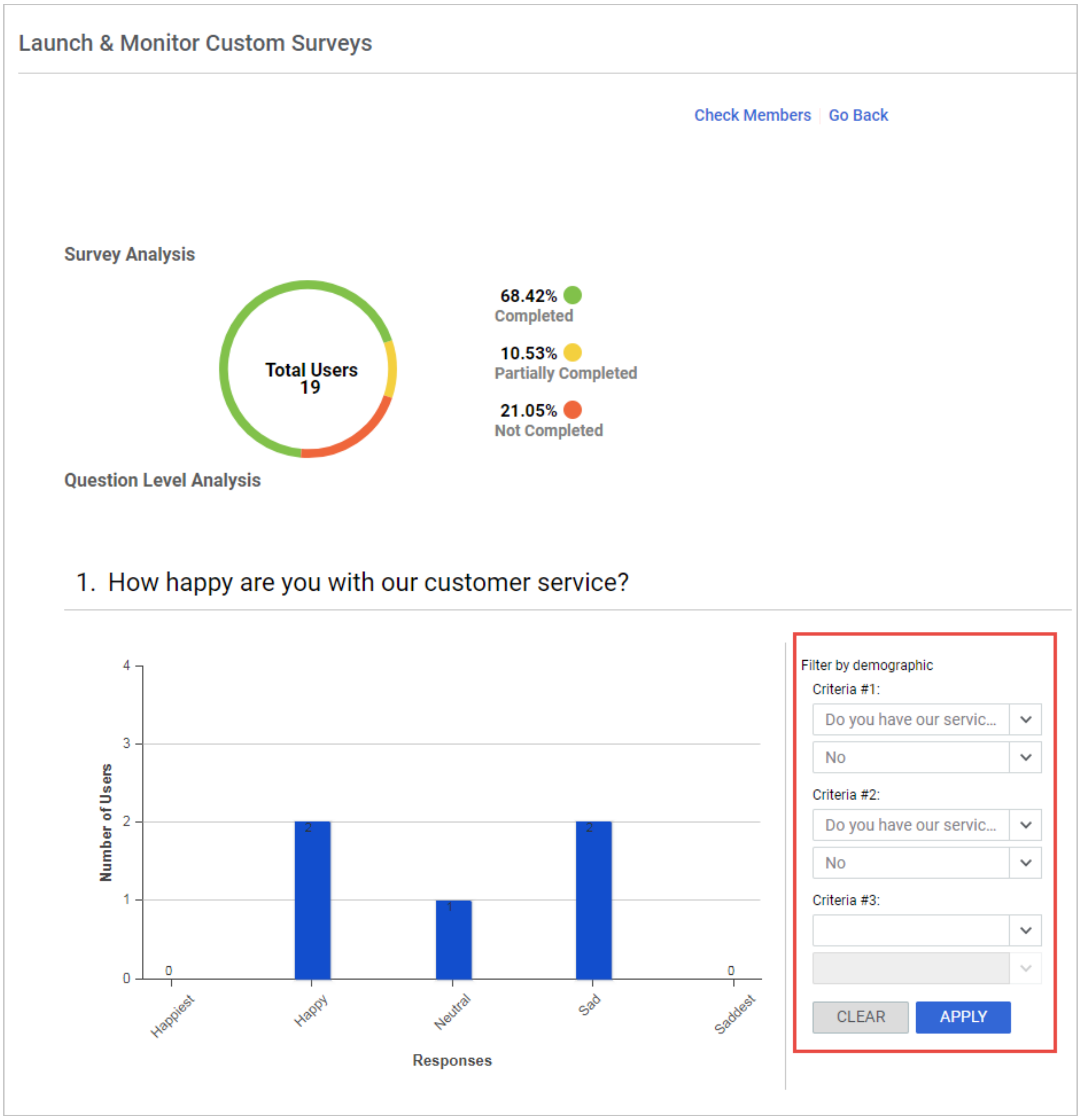


Figure 74: Enhanced custom survey analysis

To view the enhanced custom survey responses, click **Pulse 360 > Dashboards > Custom Surveys**, search for the required survey, and click the **Analyze Responses** link.

Use case

Surveys collect data and the success of this effort requires the survey owner to be able to analyze the collected data, filter it by various criteria, and present it in compelling visuals.

Domain aware custom surveys

How did it work?

The pulse administrator could access and launch all the pulse custom surveys even though they were created for different domain. The administrator on the lower domain could also access and launch the custom surveys created on the upper domain.

How does it work now?

The pulse administrator can now launch only those pulse custom surveys that are created in their domain. The administrator on the lower domain cannot launch surveys from the upper domain.

Use case

By making the pulse custom survey domain aware, it allows the junior administrators to have the same abilities to create and administer surveys without worrying they will see the survey result data for other departments or organizations.

Chapter 8

Recruiting

Topics:

- Add internal candidate to job
- Internal applicants to update application profile post job application
- New fields for scheduling interview
- New keywords for job requisition and job offer notifications
- Publish jobs only to external sites
- Show candidate's other job applications
- Visibility on requisitions for recruiters

Add internal candidate to job

How did it work?

The hiring team members could not add an internal candidate to a job from the hiring team view. The internal employee had to use the Internal Job Board to apply for a job.

How does it work now?

The hiring team members can now refer internal employees to a job from the hiring team view. The **Add Candidate** button allows the hiring team to add an internal employee by entering the employee name, who they were referred by and uploading a CV/Resume and cover letter.

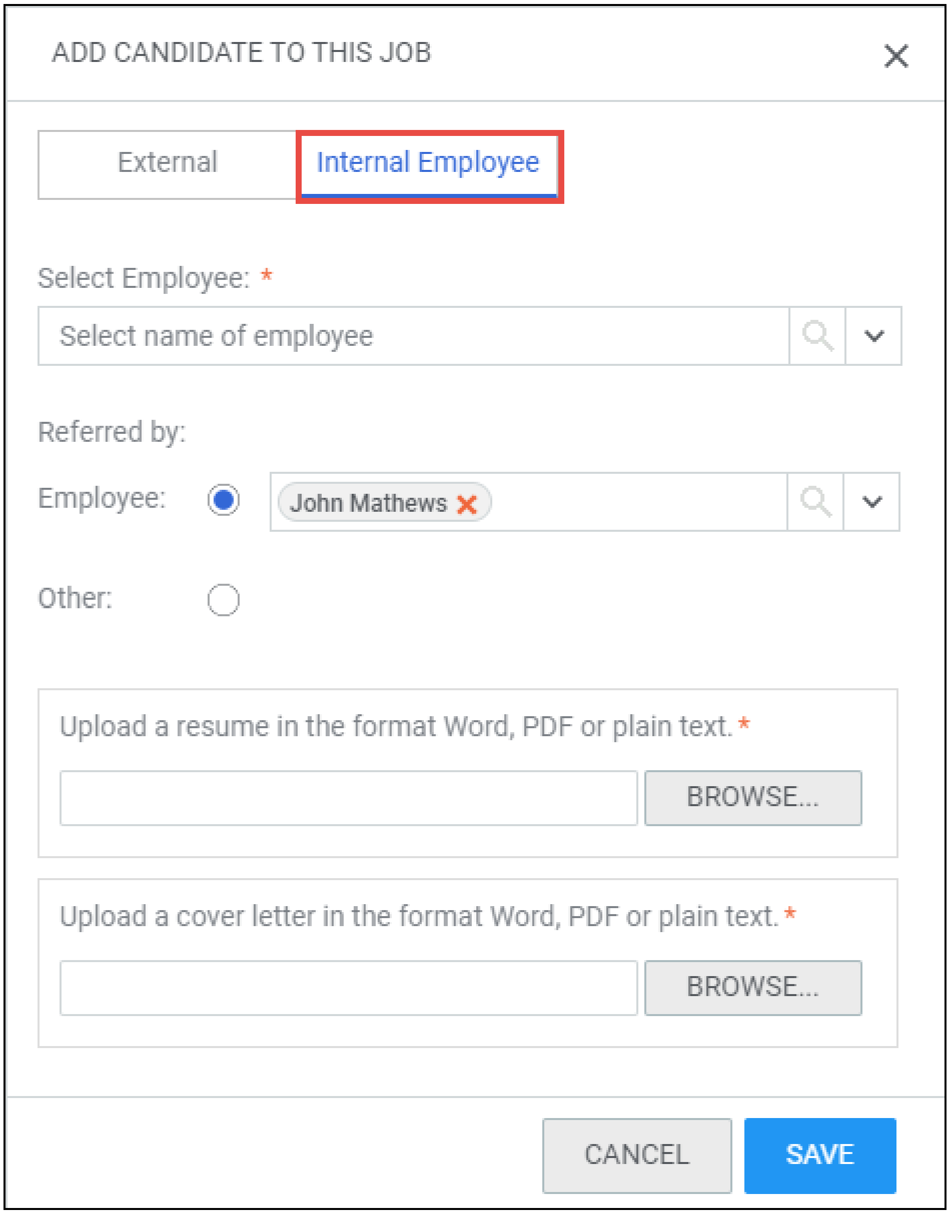


Figure 75: Add Internal Employee

Use case

The hiring team can now refer internal employee for a job.

Internal applicants to update application profile post job application

How did it work?

Internal applicants could not update their profile details after they had submitted a job application.

How does it work now?

The internal applicants, recruiting administrator, and recruiter can now update the profile details after submitting a job application.

The internal applicant must navigate to **People** > **Jobs** > and from **My Job Applications** portlet, click **Update Application Profile** corresponding to the job.

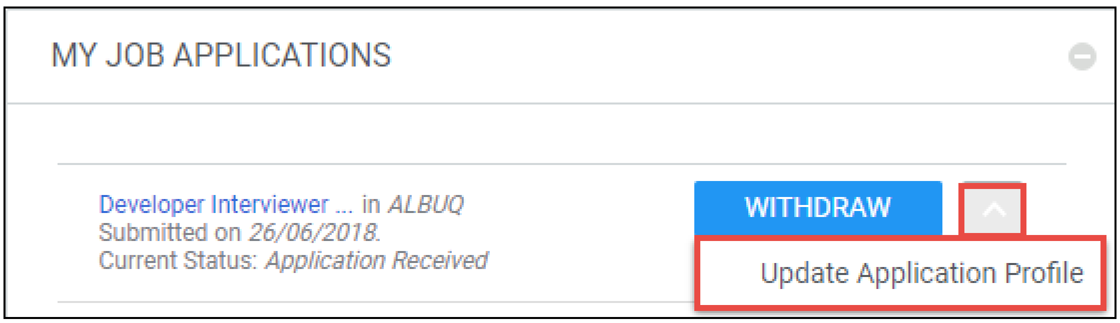


Figure 76: My Job Applications portlet

The popup allows applicants to update their personal, education, and employment details.

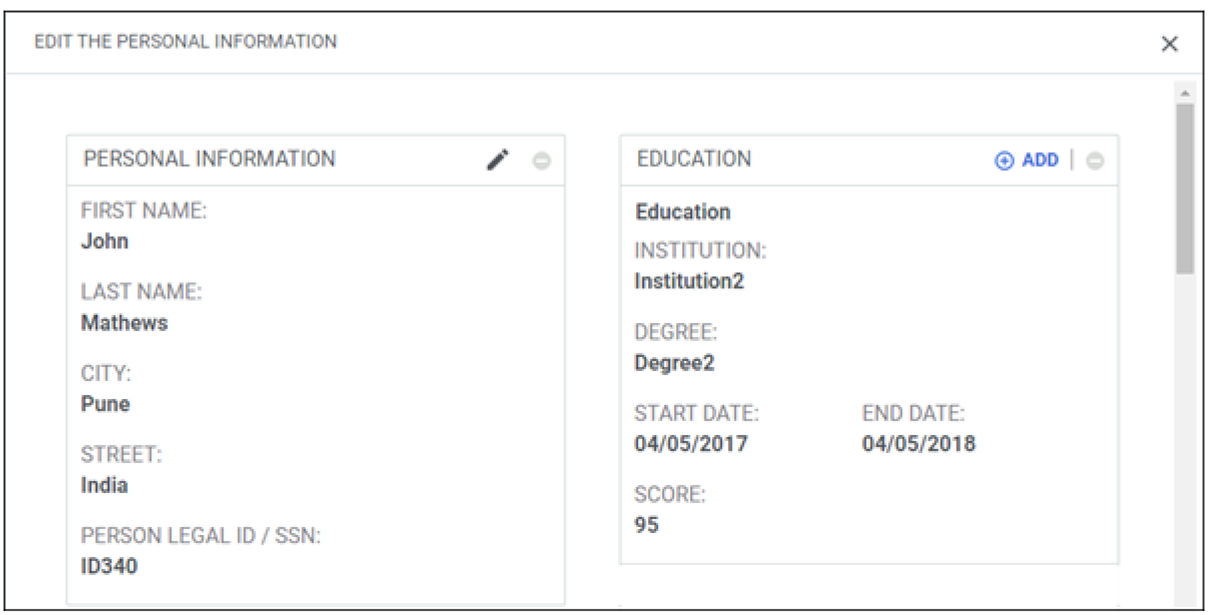


Figure 77: Edit Personal Information

The recruiting administrator and recruiter can update the internal applicant's profile details by navigating to:

- Hiring Team view > Candidate Details > Profile > Edit profile
- Recruiting > Manage Candidates > select job > Candidate Details > Profile > Edit profile

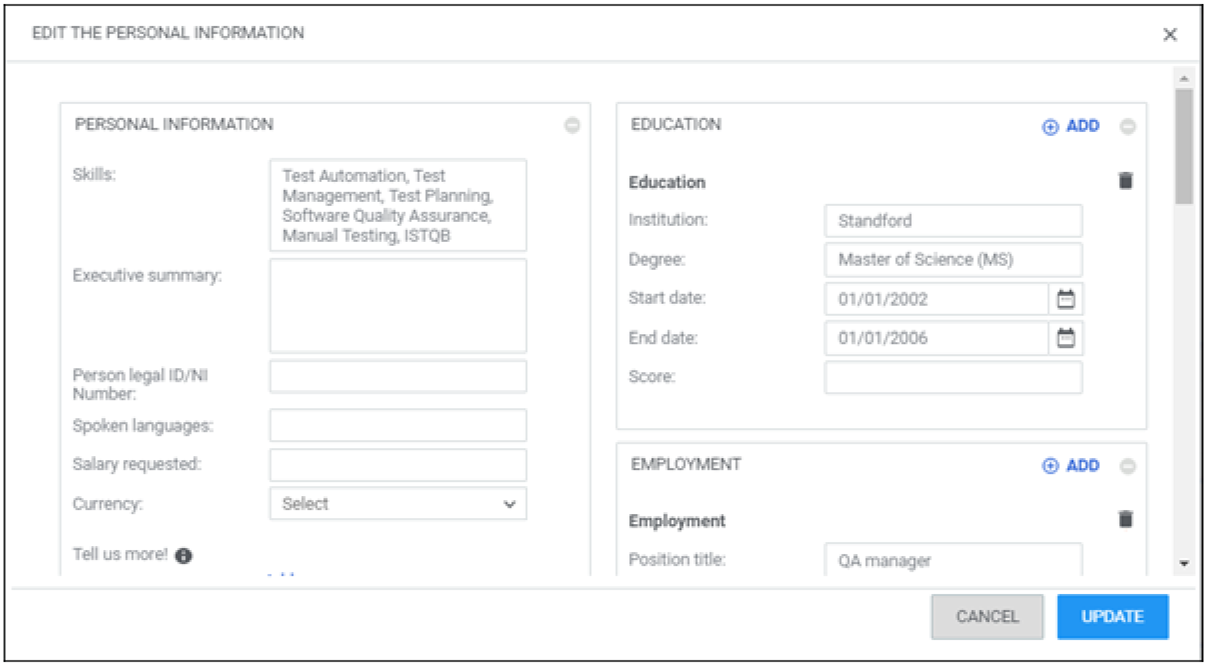


Figure 78: Edit Personal Information from Hiring Team view and Manage Candidates

Note: The recruiting administrator and recruiter cannot update the name and address fields because these details are linked to the employee's core person profile.

Use case

This makes the edit profile information flow similar for both internal and external candidates.

New fields for scheduling interview

How did it work?

The **Schedule Interview** pop-up for an **In-Person** interview type looked like this:

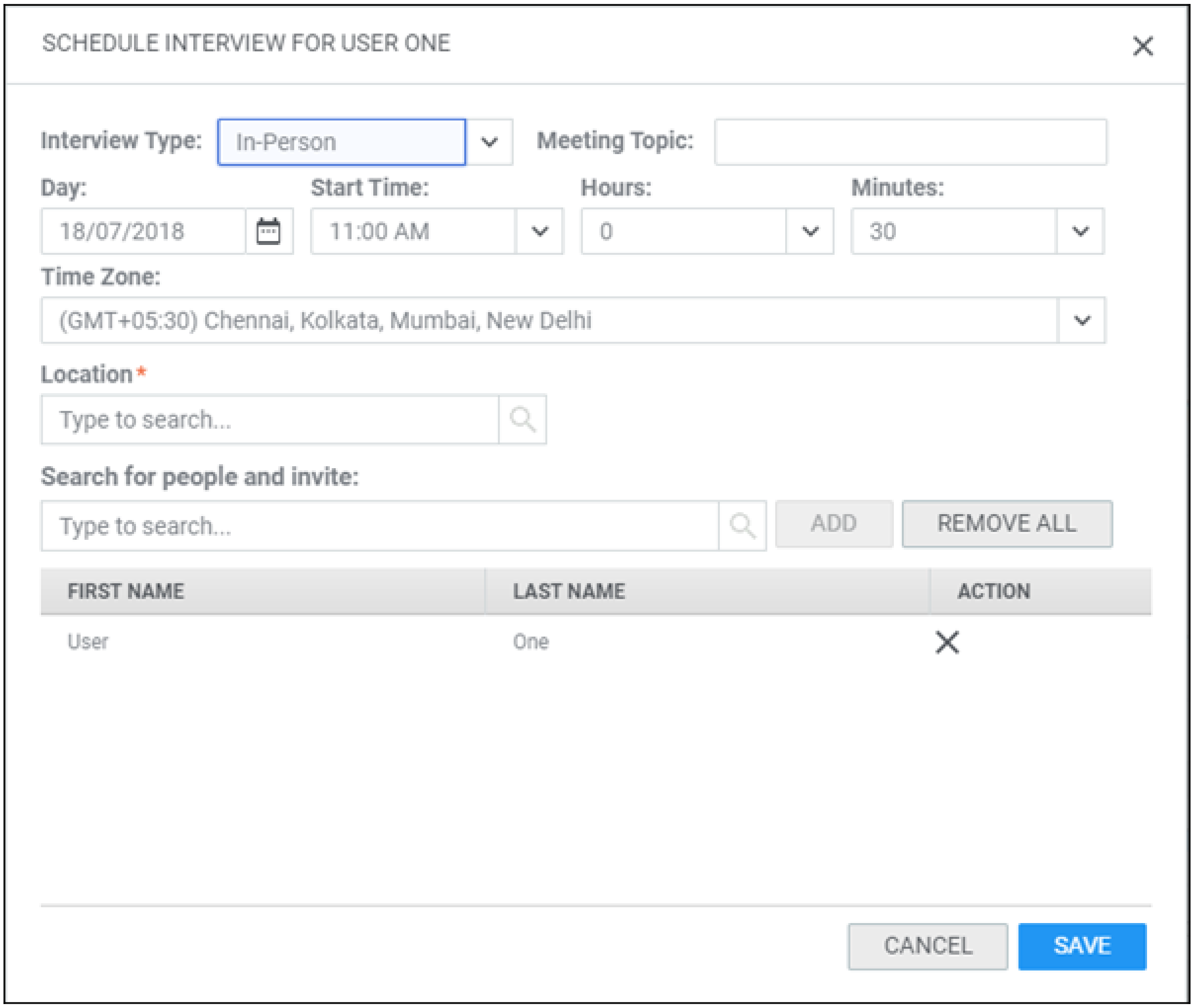


Figure 79: Old view of Schedule Interview popup

How does it work now?

The Schedule Interview pop-up has been updated with two new fields **Description** and **Facility**. The **Description** field appears for all interview types but the **Facility** field appears only for **In-Person** interview type. You must mention the meeting agenda and any additional details in the **Description** field and the place of interview in the **Facility** field. The **Facility** field by default displays all the enabled facilities created by your HR administrator.

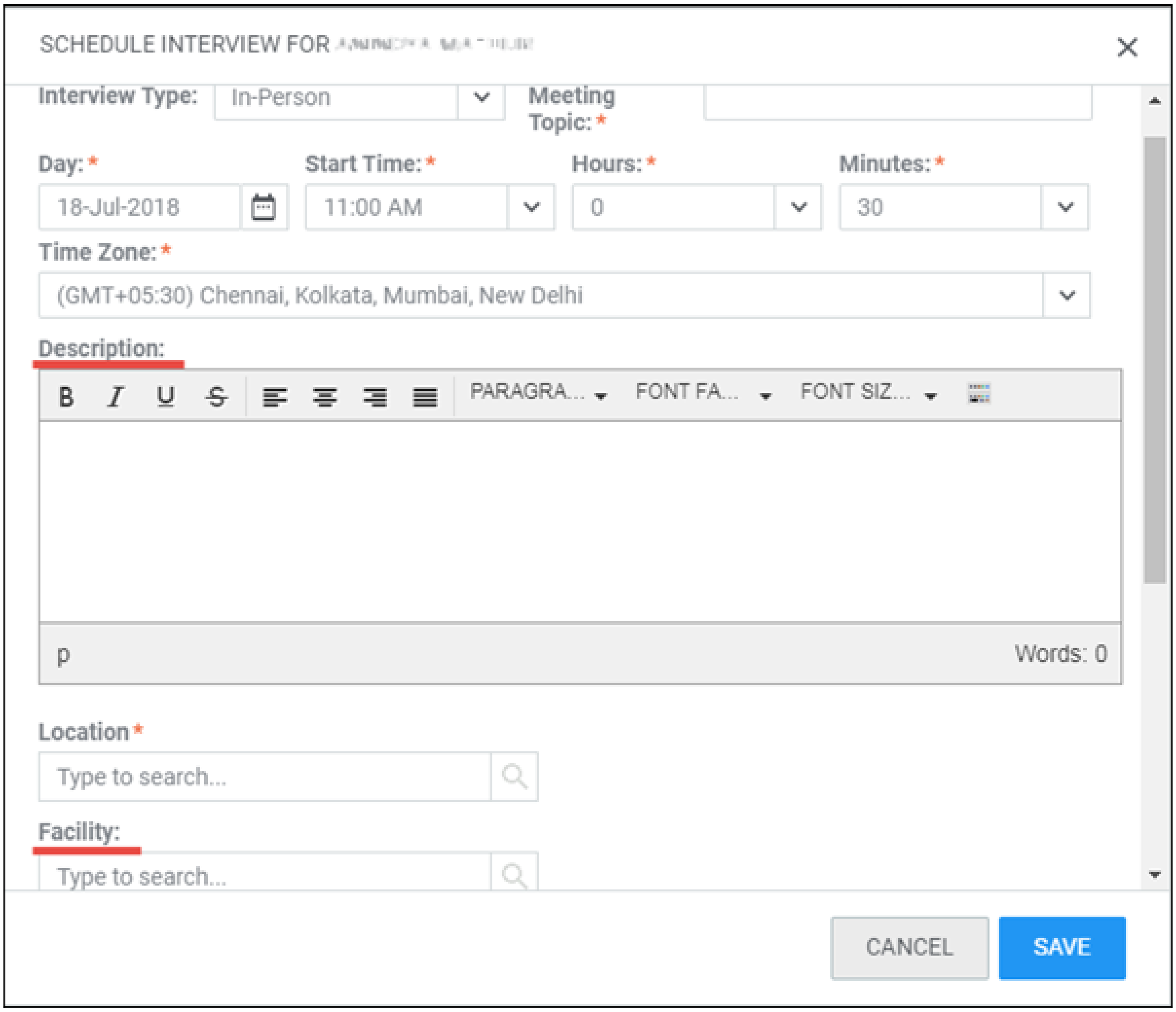


Figure 80: Schedule Interview popup

When an interview is scheduled, the notification that is sent to the associated people receives information on the facility too as the following new keywords are introduced:

- Facility Number
- Name
- Contact Phone
- Contact Fax
- Contact Email
- Address 1
- Address 2
- City
- Zip
- Corporate Number
- Location
- Country
- State

You can use the desired keywords to construct your notification body. You can also attach a map in the notification that helps the candidate to navigate till the facility easily.

Use case

This helps user to schedule personal interviews in a wide variety of locations and want a simplified and powerful tool to include the localization map.

New keywords for job requisition and job offer notifications

How did it work?

The notifications related to job requisition and job offer needed improvements by including keywords related to list of recruiters, hiring team URL and an URL to approve or reject.

How does it work now?

The following keywords have been added to the notifications related to the job requisition and job offer:

- Job Requisition
  - @Recruiting_Job_Requisition_Unpublish_Date@
  - @Recruiting_Job_Requisition_Recruiter@
- Job Offer
  - @JobOffer_Job_Offer_Recruiter@
  - @Recruiting_Requisition_HiringTeam_URL@
  - @Recruiting_Approve_Reject_URL@

Use case

This improves the usability of notifications as the user can now configure them by using additional keywords.

Publish jobs only to external sites

How did it work?

The recruiting administrator and manager could post jobs only on internal sites or both internal and external sites.

How does it work now?

The recruiting administrator and manager can now create job requisitions to be posted only on external sites for external users. These jobs appear only on the career sites and not on internal job boards.

On the **Job Postings & Services** tab, the administrator must select **External Only** option from the **Publish to** drop-down.

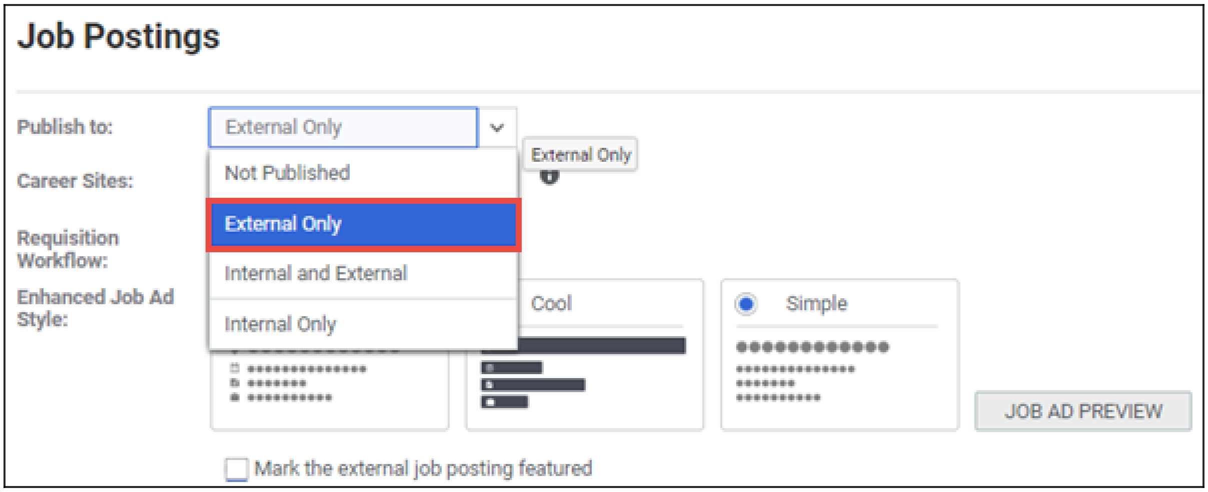


Figure 81: Publish to External Only Sites

The hiring team members can also publish the requisition from the Hiring Team view.

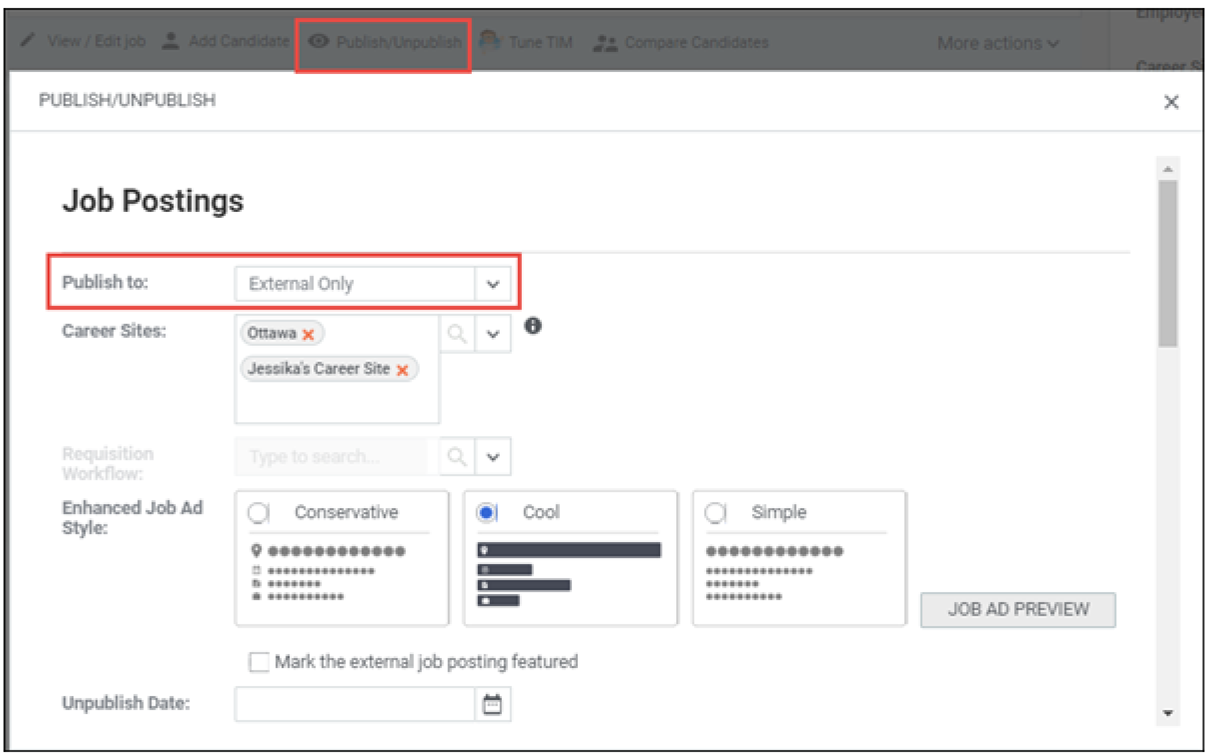


Figure 82: Publish to External Only Sites from Hiring Team view

Use case

Job requisitions can now be shared with external job sites only.

Show candidate's other job applications

How did it work?

The recruiting administrator and hiring team members could view candidate's other job applications from the hiring team view by selecting **More actions** > **View all applications**.

How does it work now?

The recruiting administrator and hiring team members can now directly identify if the candidate has applied for any other job applications. A link **Applied for n more job(s)** appears on the candidate's ribbon on the hiring team view and candidate's details view that indicates the number of job applications that he/she has applied for. This link appears only if the candidate has applied for other applications.

Figure 83: Other Applications Indication on Hiring Team view

Figure 84: Other Applications Indication on Candidate Details

This link opens the same **View All Applications** pop-up.

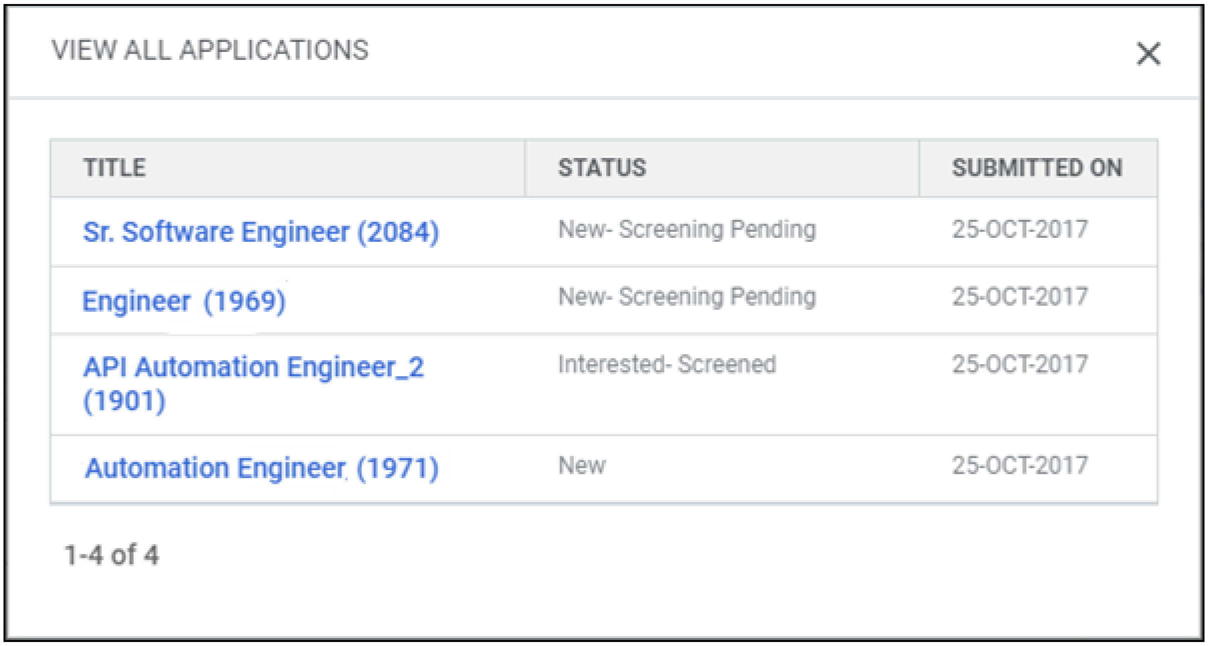


Figure 85: Candidate's all applications

Use case

This will help users take a deeper dive on such candidates to avoid making multiple offers and sharing of locations and salary. This will avoid candidates trying to start bidding wars between locations.

Visibility on requisitions for recruiters

How did it work?

A recruiter from a lower domain was able to view the requisition details that were created on the higher domain. This was possible from **ADMIN** > **Recruiting** > **Manage Job Requisitions**.

How does it work now?

A recruiting administrator and a recruiter can now view only those requisitions that are created on his/her domain and its sub domain from **Admin** > **Recruiting** > **Manage Job Requisitions**.

Use case

This helps in limiting the access to requisitions that are not associated with the administrator and recruiter.

Chapter 9

Saba Video

Topics:

- Add captions to a Saba video
- 360 degree Saba Video
- Bookmarking and other enhancements to Saba Videos

Add captions to a Saba video

How did it work?

Administrators could upload Saba Videos to Saba Cloud. However, there was no option to include separate subtitles or captions that could be played along with the video.

How does it work now?

With this update, Saba Cloud provides the ability to add subtitles or captions to Saba Videos.

Administrators can add subtitles either while uploading a new Saba Video or to existing videos. Both Learning and Social Saba Videos support subtitles.

To add subtitles to Saba Video content during content import, click **Admin** > **Learning** > **Manage Content** > **Content Library**, create or edit a Saba Video content, and click **Manage Subtitles** link besides the **Upload Video** field.

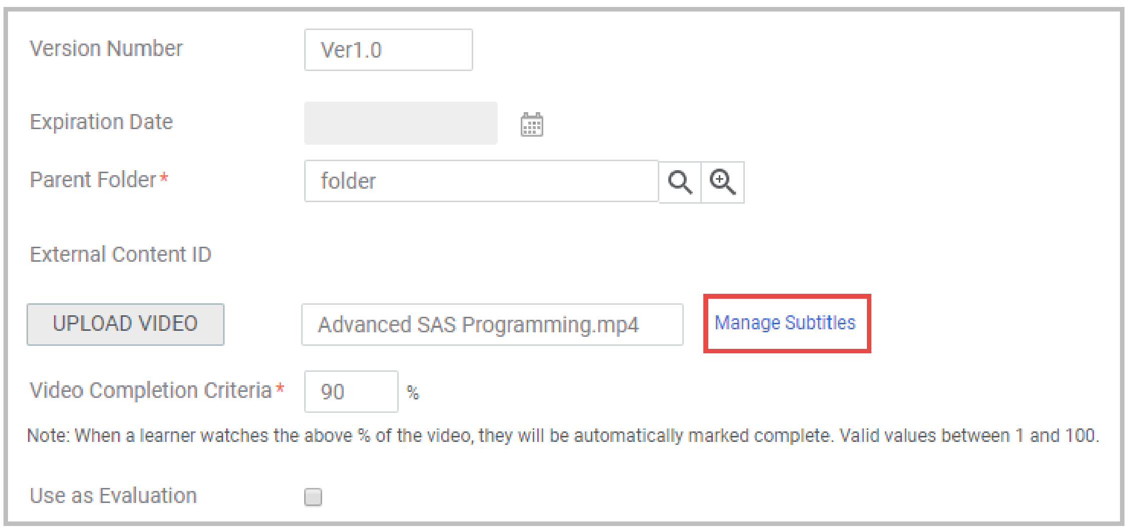


Figure 86: Manage subtitles while importing video in content library

To add subtitles to existing Saba Videos from the **Video Usage** dashboard:

- For existing learning Saba Videos, click **Admin** > **Learning** > **Manage Content** > **Manage Videos**, search for a video and click **Action** > **Manage Subtitles**.
- For existing social Saba Videos, click **Admin** > **Social** > **Manage Videos**, search for a video and click **Action** > **Manage Subtitles**.
- For all existing Saba Videos, click **Admin** > **System** > **Configure System** > **Manage Videos**, search for a video and click **Action** > **Manage Subtitles**.

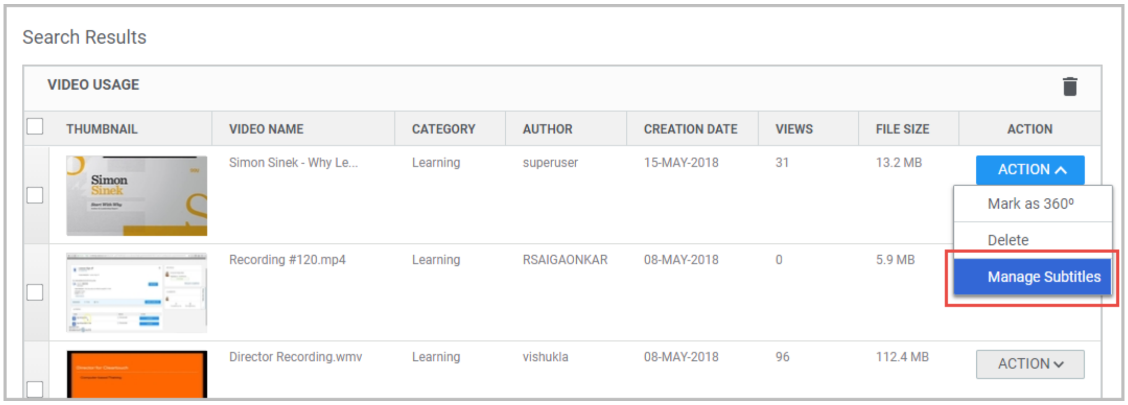


Figure 87: Manage subtitles for existing Saba Videos

Click the **Add Subtitle** link to select the subtitles files. You can add one or more subtitle files to a Saba Video.

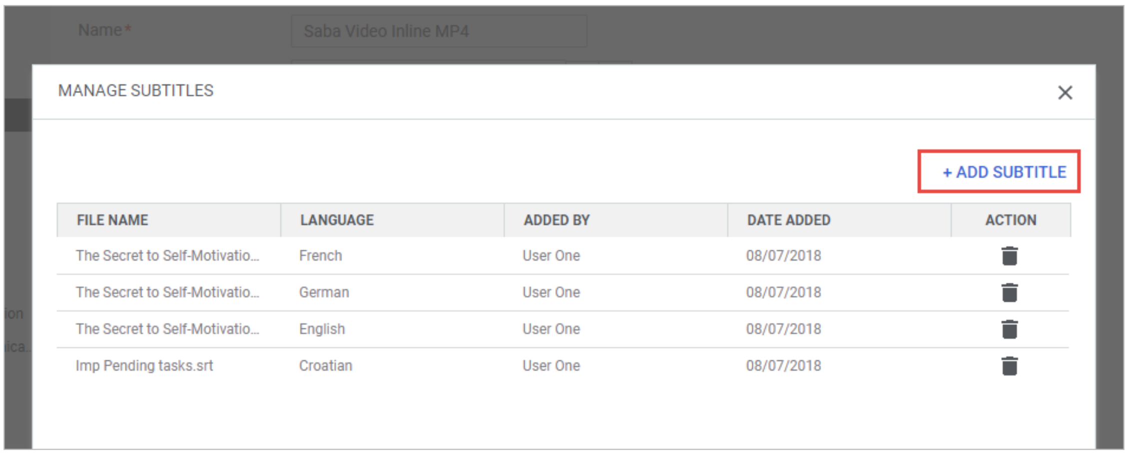


Figure 88: Add subtitle

Select the file containing the subtitles and click **Upload**. Saba Cloud does a file extension validation while uploading the subtitles file. Currently, only the *SRT* file extension is supported.

While adding a subtitle file, it is mandatory to select the language for the subtitle. Languages supported by Saba Video are displayed for selection. There is no link between the user's Saba Cloud locales and the subtitle languages that appear for selection. Only selected languages are displayed in the video player.

Note: Saba Cloud does not validate the content or language of the subtitles file. Administrators must ensure they upload a file with valid content and language corresponding to the selected language.

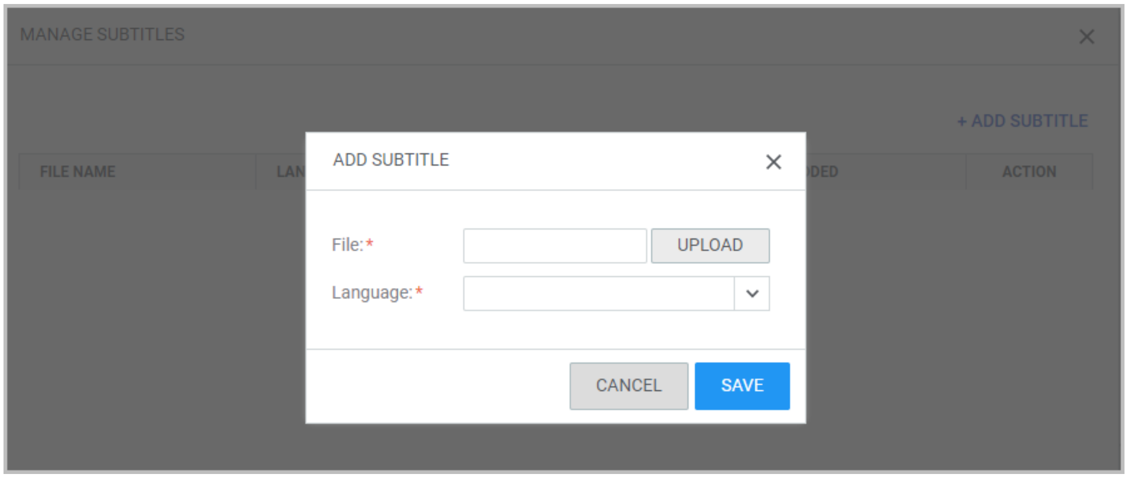


Figure 89: Upload subtitles file

Saba Video player enhancements

The Saba Video player is enhanced to support display of subtitles.

By default, video subtitles are turned off in the player. If one or more subtitles are available for a Saba video, then users can select the required subtitle language by clicking the **CC** menu icon on the video toolbar and then selecting the desired language. If they do not want to see any subtitles, then they can click **Off** in the **CC** menu of the player. The **CC** menu displays the complete list of subtitles uploaded by the administrator.

Each time a user selects a language, Saba Cloud relaunches the video or refreshes the page. Subsequently, subtitles are disabled and the user must select the language again from the **CC** menu.

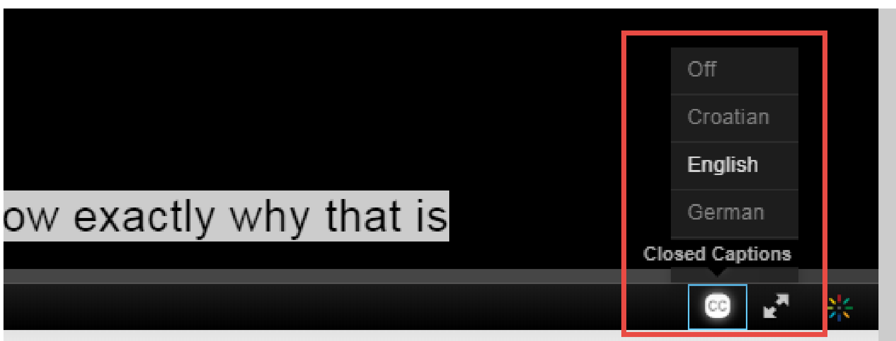


Figure 90: Closed Caption (CC) options

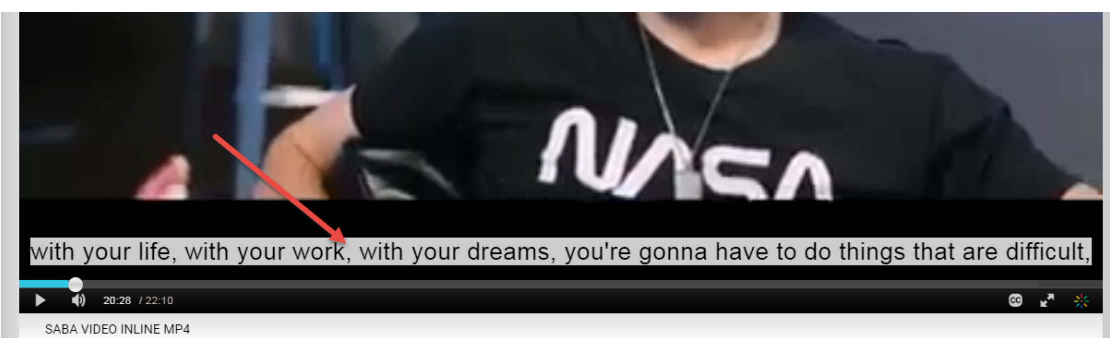


Figure 91: Saba Video with English subtitles

Use case

Subtitles enhance the engagement of end users with video and are critical in certain scenarios. For example, when the language of the video differs from its viewing audience, or when the video is played in a public place where the audio volume needs to be kept very low.

360 degree Saba Video

How did it work?

Prior to this update, there was no capability to identify and mark a video that supported 360° viewing and display such videos to users.

How does it work now?

Administrators can now mark a Saba Video as 360° video from the **Video Usage** dashboard page by clicking **Mark as 360°** under **Action**. This enables the display of the 360° watermark and VR icon in the video player, allowing users to identify and view a 360° video. The player displays the 360° watermark and VR icon only after users click the play button.

Note: Currently, any video marked as 360° is displayed with the 360° watermark and VR icon in the player. The player cannot distinguish if the video actually supports 360° viewing or not. Administrators must ensure they mark a 360° video correctly.

To unmark a video as 360° video, click **Unmark 360°** under **Action** for the video.

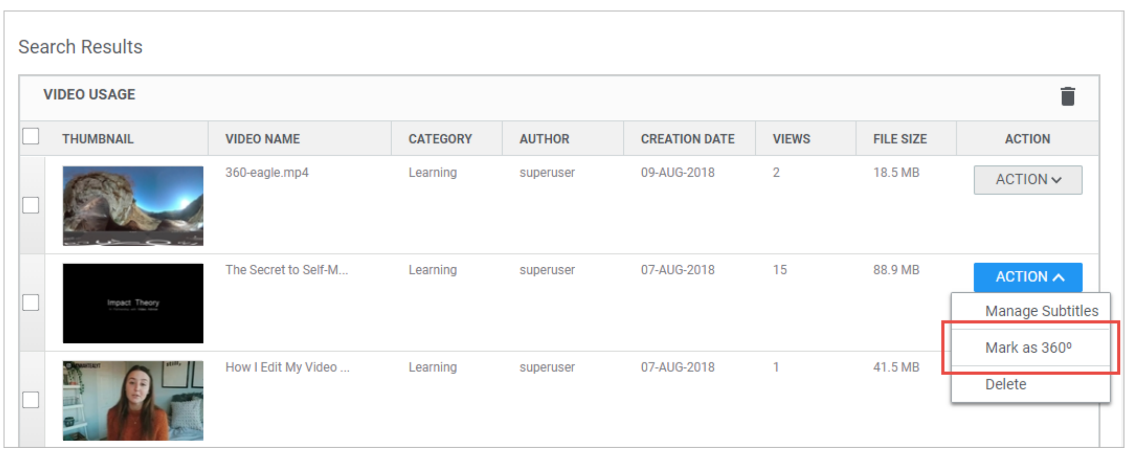


Figure 92: Mark as 360° action

Saba Video player enhancements

For videos marked for 360° viewing, the Saba Video player supports the following features:

- Displays a 360° watermark.
- A VR (binoculars) icon allows users to view the video in a VR viewer or headset. Without a VR headset, the video appears in a split screen mode.

- A hand icon allows users to pan the video 360° horizontally and 180° vertically.

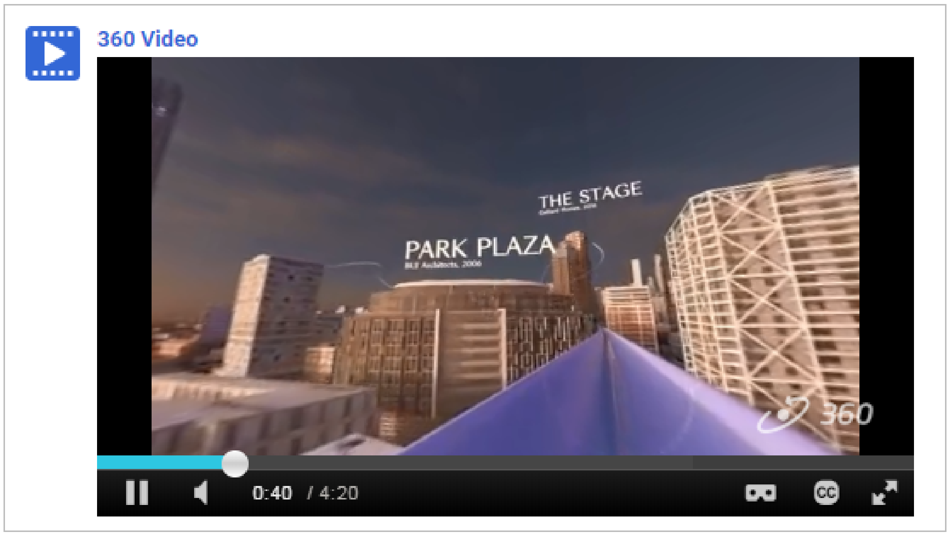


Figure 93: 360° video with VR disabled

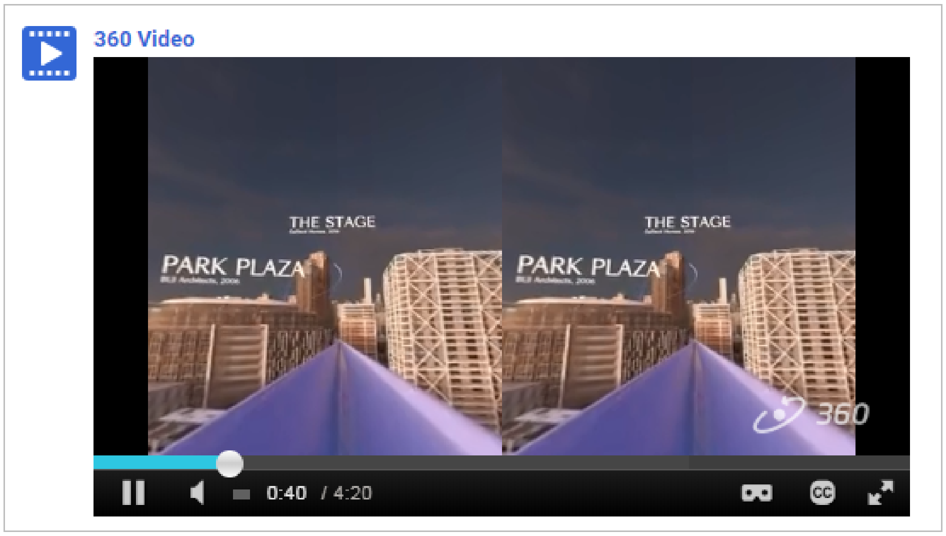


Figure 94: 360° video with VR enabled

Use case

There is a need to support the identification and display of 360° videos to provide an immersive viewing experience to users.

Bookmarking and other enhancements to Saba Videos

How did it work?

Prior to this update:

- There was no support for users to pause a Saba Video and resume it from the point where they left in the previous attempt.
- For video content, the results only recorded the time spent by the user, which was the time for which the content player was open.
- No default "Mobile device compatibility" option was set for Saba Videos during content import.

How does it work now?

This update provides the following enhancements to the Saba Videos.

Provide bookmarking support for formal Saba Videos

Saba Cloud now supports the pause and resume feature for Saba Videos. This is controlled by the following site-level property under **Saba Video Configuration**:

- **Allow bookmarking on Saba Videos in formal learning**

  If this property is set to "true", then Saba Cloud allows bookmarking on Saba Videos in formal learning. The default value is "false".

  If enabled, then users can resume a Saba Video from where they left off on their last attempt. If disabled, then the video always starts from the beginning, irrespective of where the user paused last time.

To configure this property, system administrators must navigate to **System > Configure System > Microsites > Saba Cloud > Saba Video Configuration**.

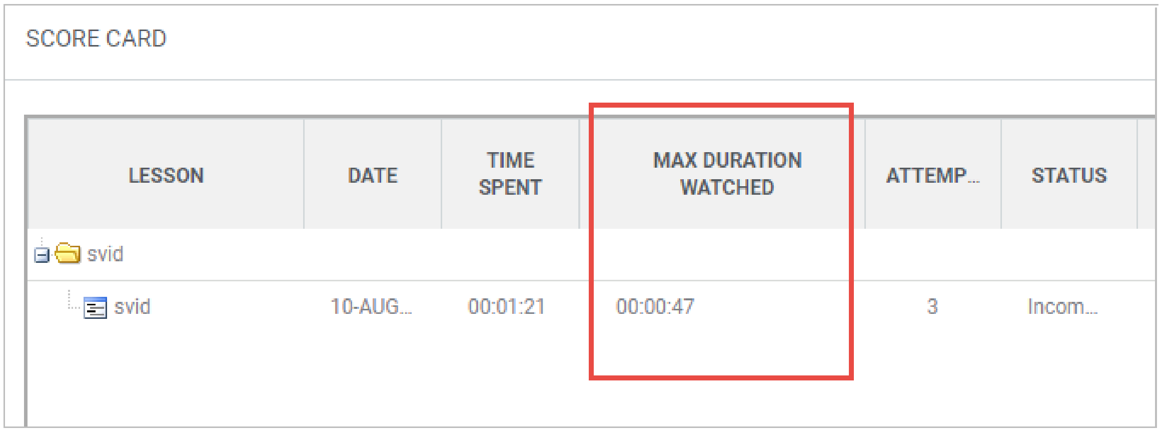
Capture watch duration details for both formal and social Saba Videos

In addition to the time spent by the user, which is the time for which the player was open, Saba Cloud now even captures the watch duration that indicates how much of the video the user has watched.

For formal videos, this is displayed under the following new columns in the **View Results > Scorecard** for the content:

- **Max Duration Watched**

  Displays the maximum duration a user has watched the video out of all attempts.



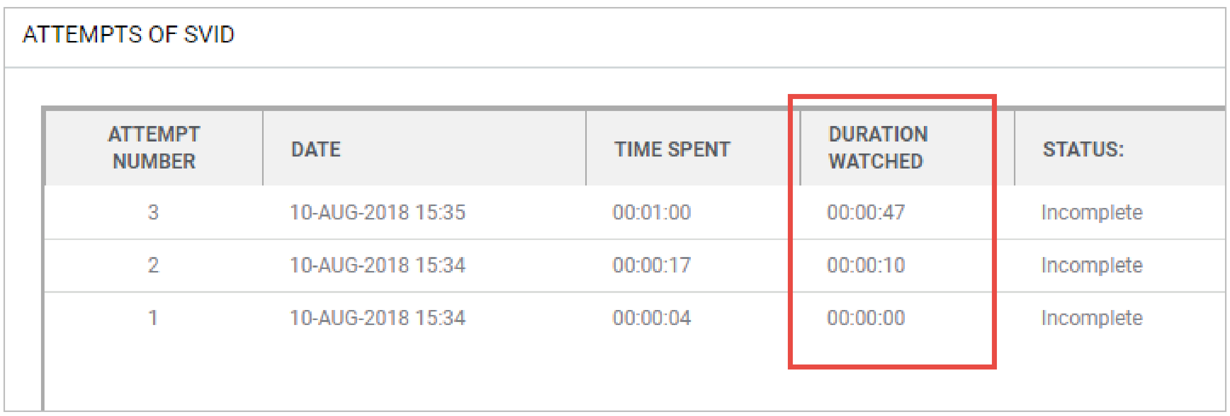
SCORE CARD

LESSON	DATE	TIME SPENT	MAX DURATION WATCHED	ATTEMP...	STATUS
svid					
svid	10-AUG...	00:01:21	00:00:47	3	Incom...

Figure 95: Max Duration Watched

- **Duration Watched** for attempts

  Displays the duration for each attempt a user has watched the video.



ATTEMPTS OF SVID

ATTEMPT NUMBER	DATE	TIME SPENT	DURATION WATCHED	STATUS:
3	10-AUG-2018 15:35	00:01:00	00:00:47	Incomplete
2	10-AUG-2018 15:34	00:00:17	00:00:10	Incomplete
1	10-AUG-2018 15:34	00:00:04	00:00:00	Incomplete

Figure 96: Duration Watched per attempt

For social videos, the watch duration for Saba Videos can be retrieved only through Analytics reports.

Note: Currently, Saba Cloud does not track the video's watch duration during abrupt closure of the content player. The duration is considered as 0 (zero).

Set the default "Mobile device compatibility" option for formal Saba Videos

While importing a Saba Video to the content library, Saba Cloud now sets the default "Mobile device compatibility" option to "All Devices-responsive". This option is not editable while creating the content import. Administrators can modify the option while editing content import, though.

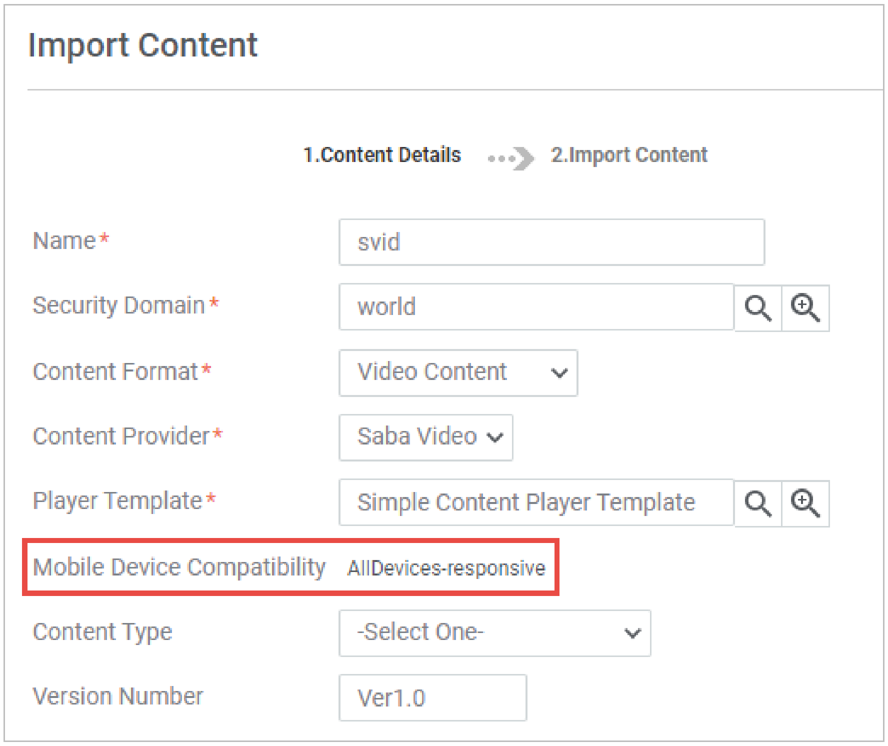


Figure 97: Default mobile device compatibility

Use case

There is a need to provide more flexibility to organizations using Saba Video in formal learning and help enhance the end-user experience.

Chapter 10

Social

Topics:

- Bulk actions on reward orders
- Increase in audio channels
- Group canvas follows group's domain security
- New reward types
- New reward notifications and reward expiry indication
- View excluded members of group

Bulk actions on reward orders

How did it work?

The HR administrator had to open each reward order and move it to the confirmed, cancelled, or delivered state.

How does it work now?

The HR administrator can now perform bulk actions on the reward orders by selecting multiple orders and moving them to the confirmed, cancelled, or delivered state.

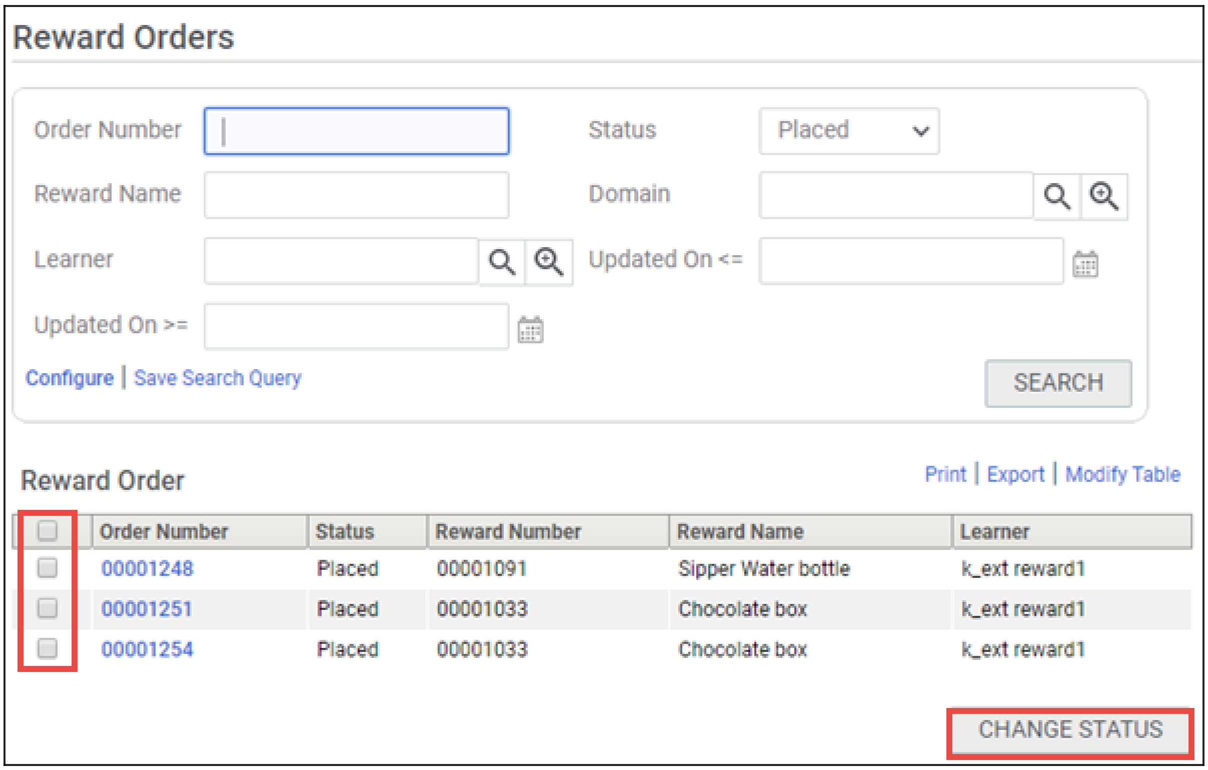


Figure 98: Change status of multiple orders

After moving to the desired status, the application shows whether the status change is successful or not for each order.

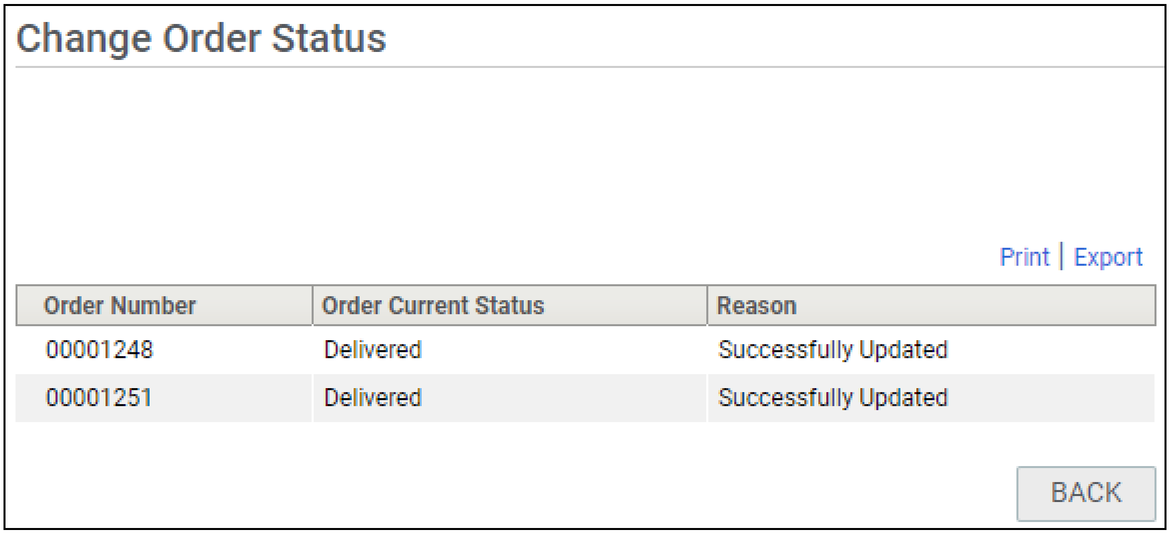


Figure 99: Order Status

Use case

This improves the usability of Reward Redemption workflow for HR administrators.

Increase in audio channels

How did it work?

The meeting or an event was getting created with fixed 4 concurrent audio channels. However, the user had provision to change it from the Saba Meeting app settings after launching it.

How does it work now?

Saba Cloud now sync settings made in the Meeting Admin portal related to the audio channels. In the Saba Meeting Admin portal, the admin can update the following settings:

- Default number of concurrent speakers for meetings and events.
- Maximum number of audio channels allowed.

The above settings are available under **Saba Meeting** > **Manage domains** > **Properties** tab > **Audio** category.

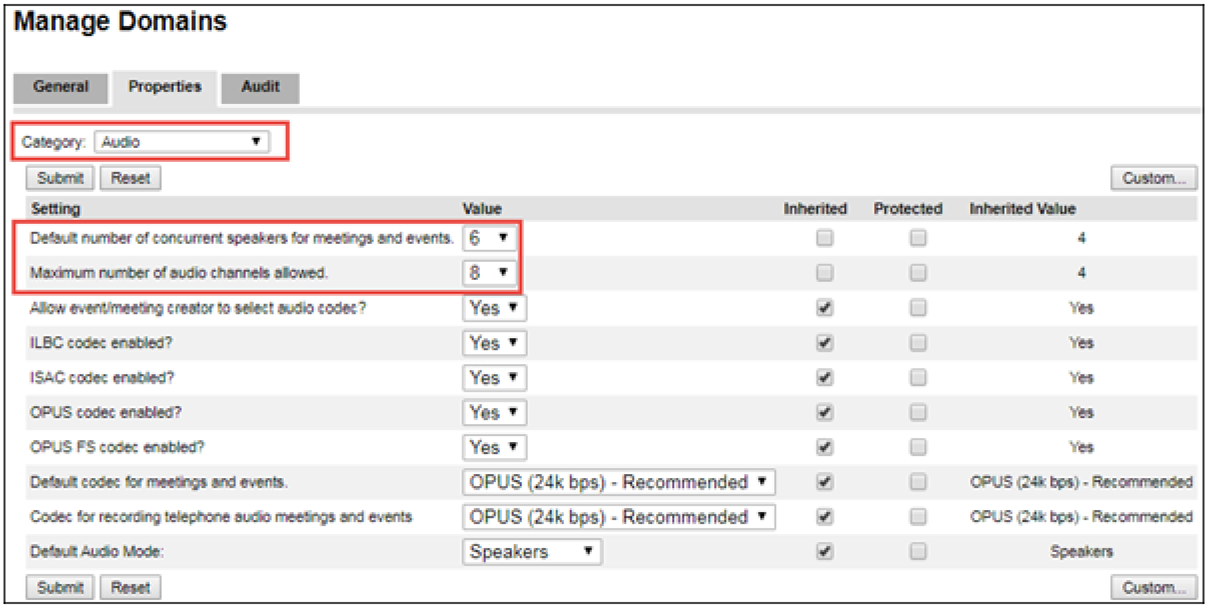


Figure 100: Audio channel settings in Meeting Admin

These settings are then adhered by Saba Cloud and the values appear correctly while creating a new upcoming meeting or event. While editing a meeting or an event, it populates the concurrent speaker values selected at the time of creation. However, the **Concurrent Speakers** LOV gets updated based on the **Maximum number of audio channels allowed** property from the Saba Meeting admin portal.

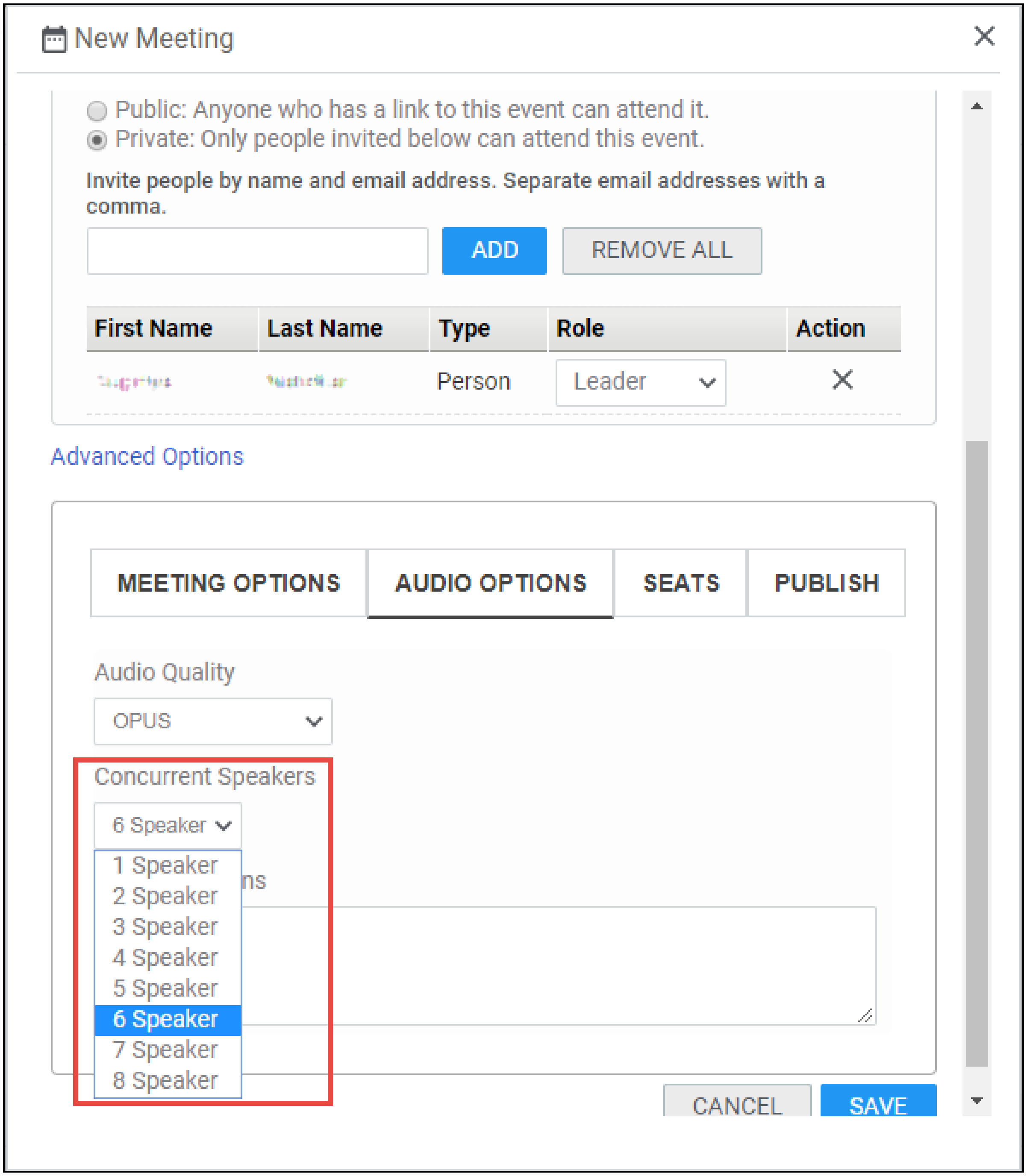


Figure 101: Concurrent Speakers setting

Ideally, up to 10 audio channels are supported and the default number of channels will be displayed based on the settings in the Saba Meeting Admin portal.

If the **Audio Type** is set to **Both Telephone and VoIP**, the default selection of **Concurrent Speakers** number decreases by 1 provided the default and maximum concurrent speaker values are same. This happens as one speaker connection is used for Telephone. The settings are intact if the **Audio Type** is set to **Telephone Only** and **VoIP Only**. If the user switches the value from **Both Telephone and VoIP** to **VoIP Only**, then the concurrent speakers increase by 1 provided the default and maximum concurrent speaker values are same.

Use case

This allow users to set the concurrent audio channels value for a meeting or an event as per their requirement.

Group canvas follows group's domain security

How did it work?

A user from one domain could not edit the group canvas of a group on the another domain despite of showing the **Edit** link.

How does it work now?

The user can now edit the group canvas provided the user has **New** and **Edit** privilege on the Canvas component on their domain. If the canvas shows the **Edit** link, the user has the privilege to edit the canvas.

Use case

N/A.

New reward types

How did it work?

Users could not purchase learning items through points earned.

How does it work now?

The end user can now redeem the new reward types **Promotion code** and **Tango Card**. The Promotion code type can be used to redeem discounts on learning items such as courses, classes, certifications, curricula, packages, and subscriptions. The Tango Card type can be used to purchase the rewards available in the catalog supported by Tango Card.

Promotion Code

You can create a Promotion code reward type only as an HR administrator. This reward type is available only when **eCommerce** and **Promotion** services are enabled. Once it is created, you must not update it. During creation, you must set the discount type and promotion discount.

Note: The HR administrator role must have the **New** and **Admin View** privileges on the **Promotion** component to create the promotion code reward. By default, the HR administrator has these privileges.

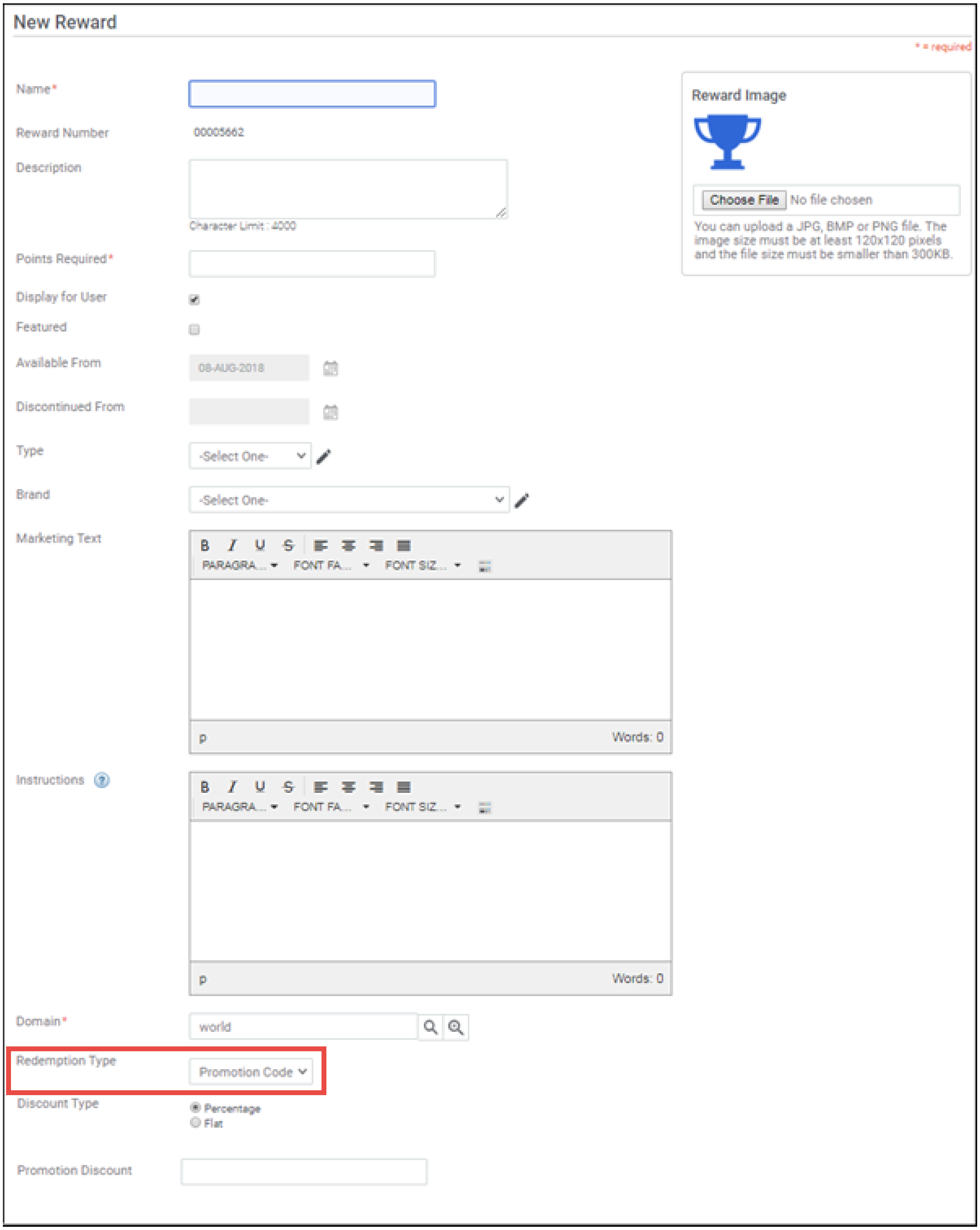


Figure 102: Promotion code reward type

The users associated with this reward or the users who have this promotion code can use it while buying the learning items. Once the reward is redeemed, the reward order appears in Delivered state. You can only mark such orders as Cancelled, if they are not used. The administrator can view the list of users who have redeemed using this promotion code on the promotion code details page. The user can use the promotion code only once because these reward types are created with value **1** in the **Redemption Quantity per Person** field. If the same user tries to use the same promotion code, then a copy of that promotion code is created and associated with that user. In such a case, if the administrator deletes the user from the original promotion code, then that reward will be available to all users again.

Note: Only external Ecommerce users can use the promotion code rewards.

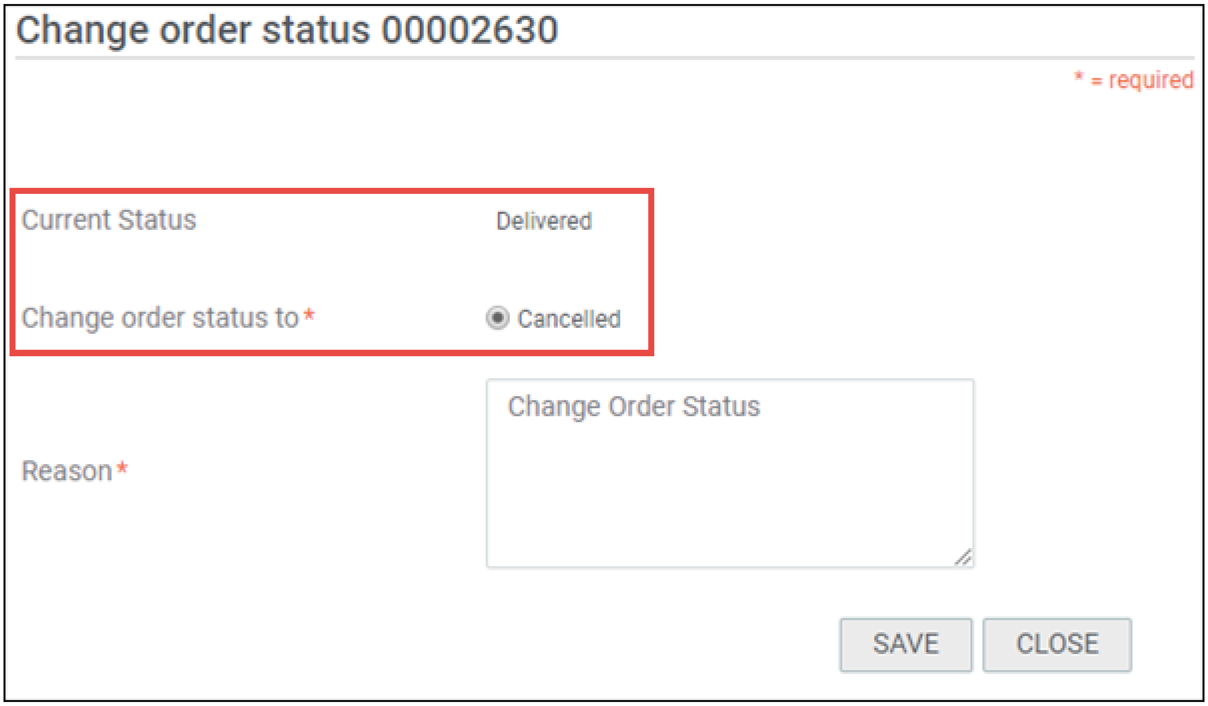


Figure 103: Order status of Promo code reward type

Tango Card

Once Tango Card is configured in the Marketplace, the Tango Card rewards do not appear until the HR administrator enable the **Display for User** checkbox for all rewards. As an HR administrator, you can view all rewards from the catalog under HR > Manage Rewards > Rewards > Redemption Type - Tango Card. You cannot create this reward manually. You can view the reward details in the **Main** and **Tango Card Details** tab, but you can only update the following fields as the other details are populated from the catalog:

- Name
- Display for User

  By default this checkbox is disabled. The admin can enable it in bulk to display the reward to users.

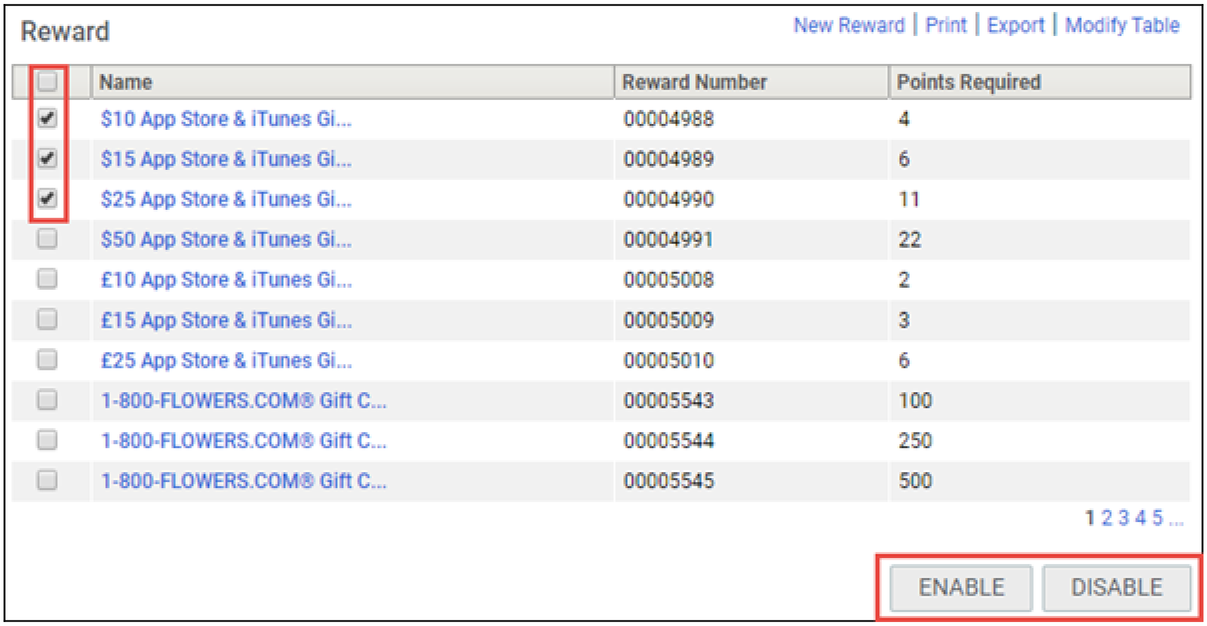


Figure 104: Show or Hide Tango Card rewards

- Featured
- Type
- Brand
- Owner
- Audience Type / Audience Sub Type
- Custom fields

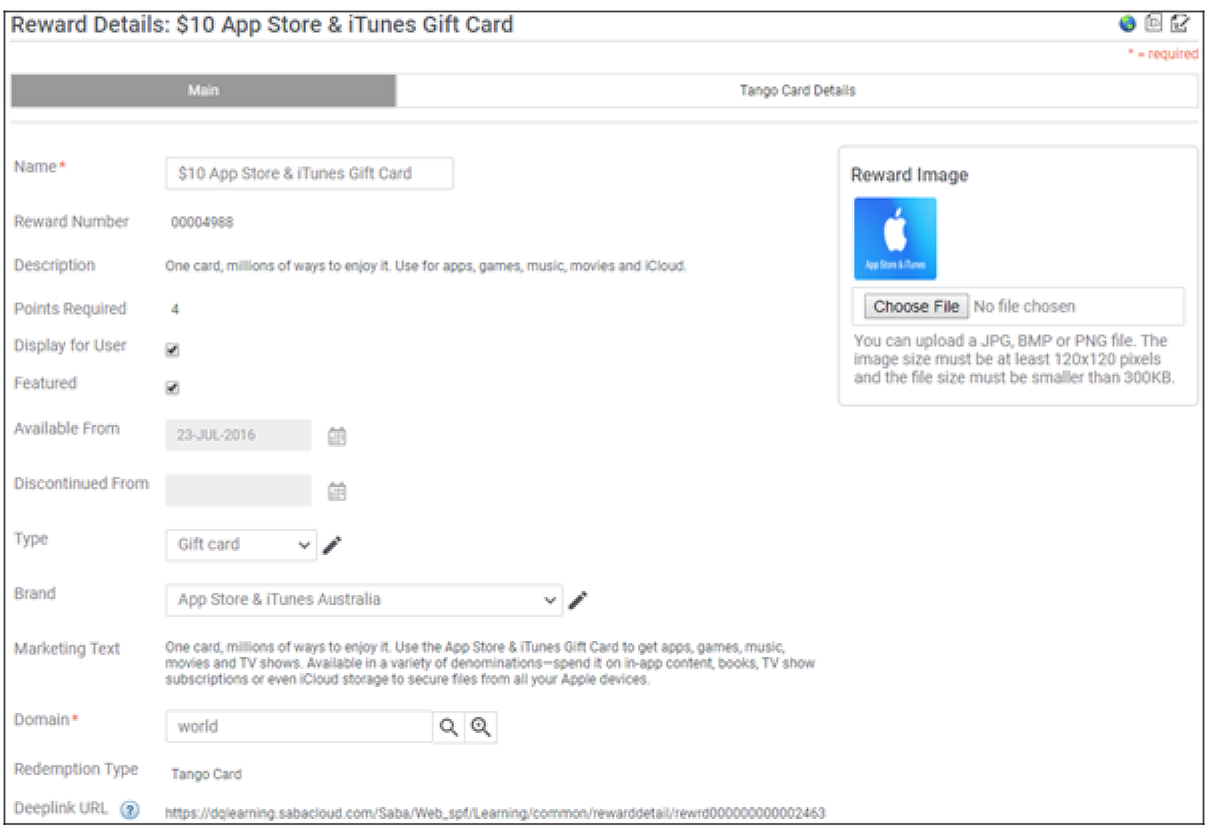


Figure 105: Tango Card reward type

The Tango Card reward details appear on the reward details page too for the end user.

The end user can search for rewards using the following filters. These filters will help the user to drill down to the desired reward.

- Points >=
- Points <=
- Brand
- Type
- Currency

The Tango Card rewards appear in fixed and variable values. The user can redeem the reward based on the accumulated points. While redeeming rewards with variable values, the user can enter points and see its conversion value in the reward currency. This may help users to take a final call whether its worth to redeem this reward or not. The conversion value depends on the value provided in the setting **Value of 1 USD in terms of points** under the **Rewards** service. This is applicable for USD, but for other currencies the points are shown based on the current exchange rates. Most of the Tango Card rewards show disclaimer and terms and conditions.

The redeem process for Tango Card rewards is similar to the other reward types. But once it is redeemed, it is moved to the Delivered state like Promotion Code reward. The HR administrator can only mark such reward orders as Cancelled.

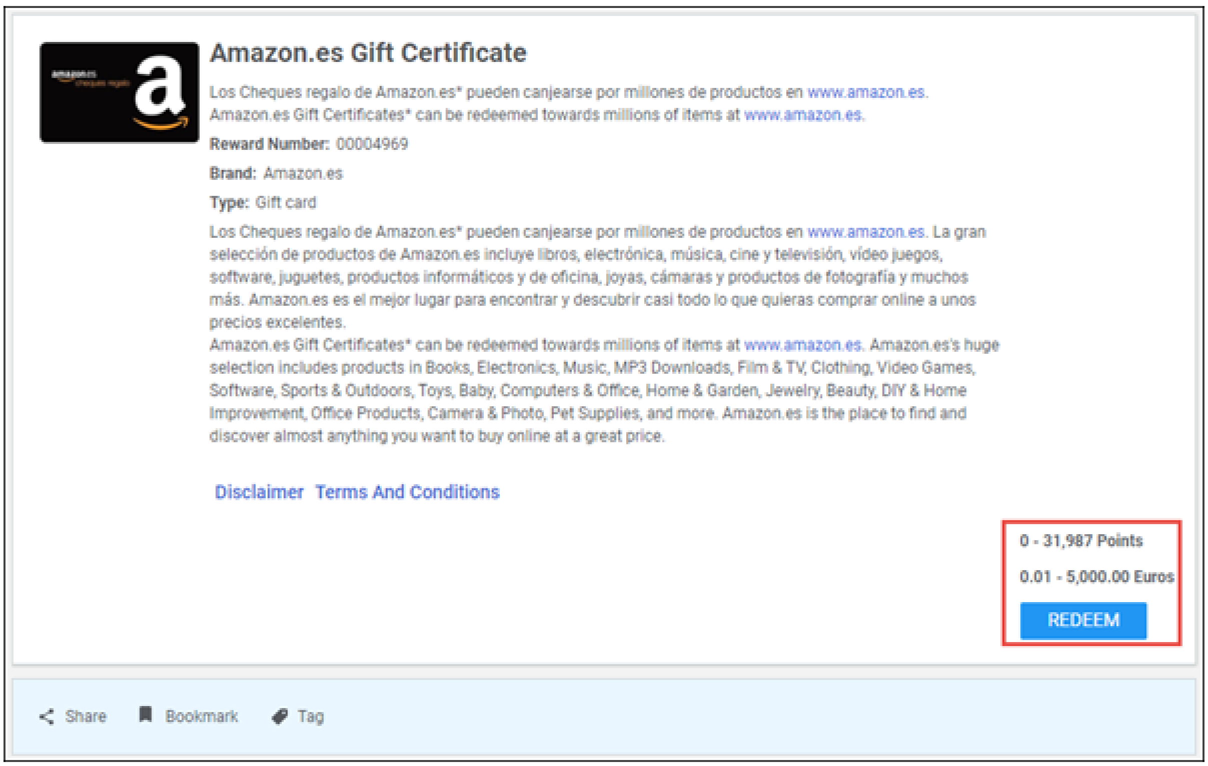


Figure 106: Tango Card reward details page

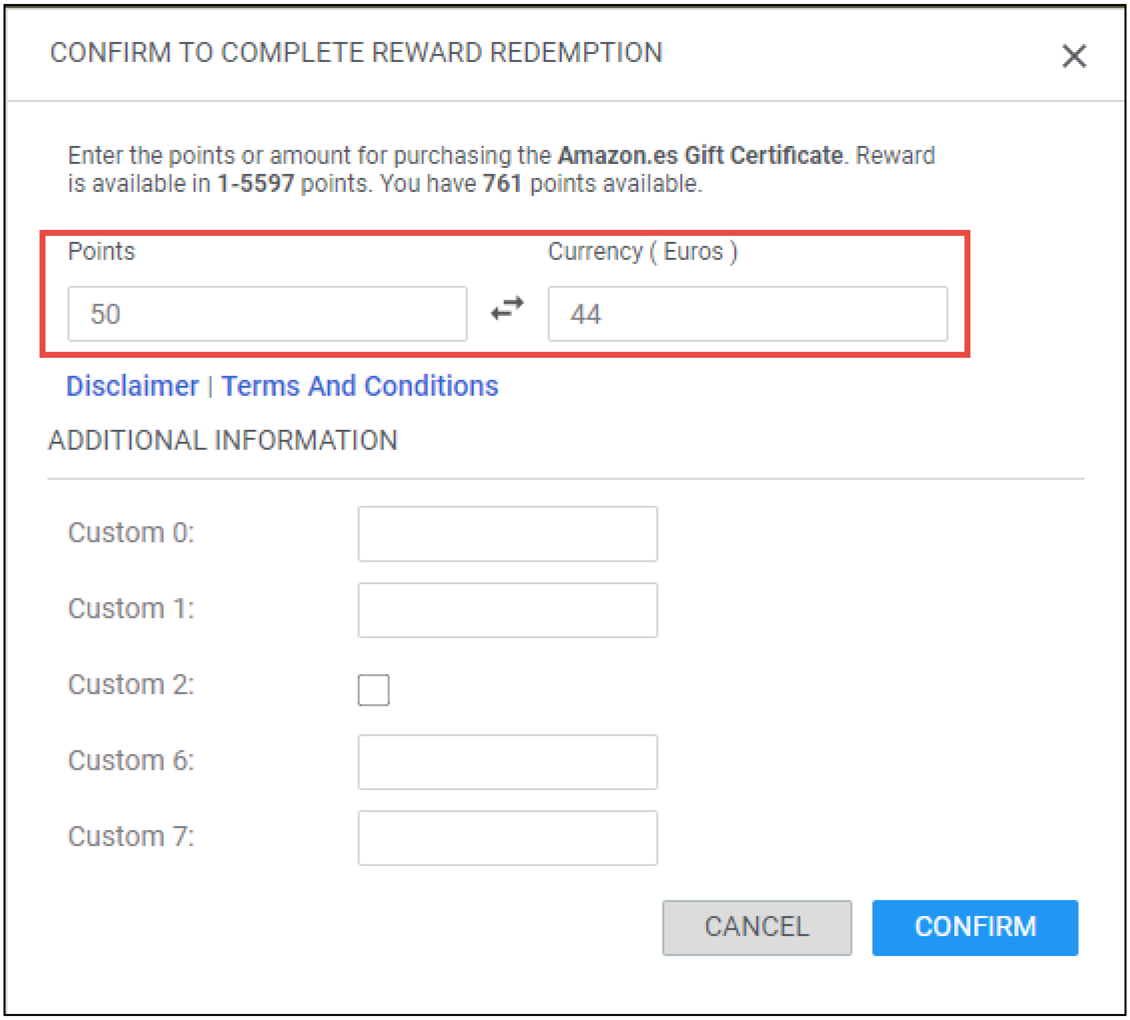


Figure 107: Tango Card reward redemption conversion

The user can view the order history and reward history from the reward details page itself once it is redeemed.

Use case

The administrator can now provide Tango Card rewards from the Saba Cloud master catalog and promo code rewards for learning items to the end users.

New reward notifications and reward expiry indication

How did it work?

The administrator could not expire the user's points if they were not used.

How does it work now?

The administrator now has the ability to expire user's unused points through the **Reward Point Expiry** notification. The user is notified that their unused points are going to expire through the following new notifications and an indication on their Wallet page.

The following new notifications have been introduced under the Reward Redemption service:

- Reward Point Expiry

  By default, this notification is disabled. When triggered, the user's unused points are expired. When this notification is enabled, the **Points Expiry** date appears on your **Wallet** page and the **Total points** score shows the warning indication to redeem the points before they expire.

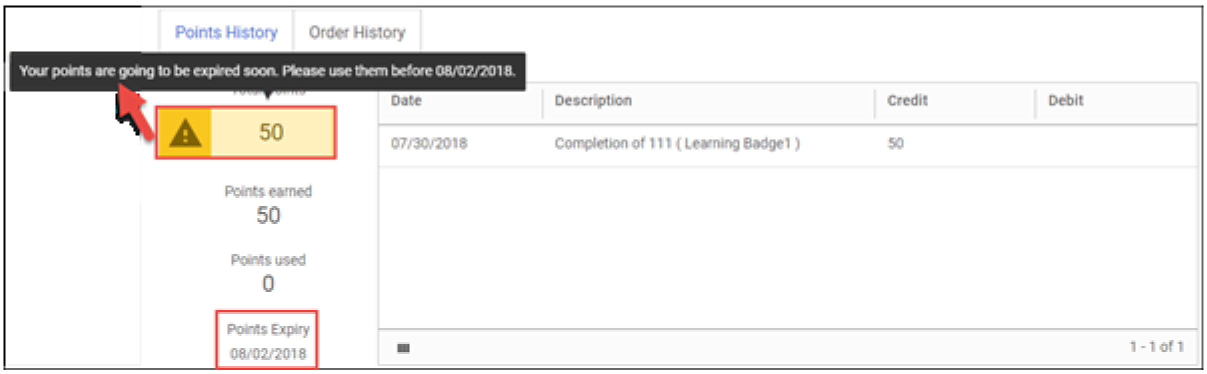
  

  Figure 108: Points Expiry indication

- Reward Point Expiry Reminder

  By default, this notification is disabled. When triggered, it triggers the **Send Reward Reminder** notification. The **Override Reminder Days** checkbox is not usable for this notification. Configure reminders on the event details page and remember that the trigger date is evaluated based on the trigger date of Reward Point Expiry notification.

- Send Reward Reminder

  By default, this notification is disabled. When triggered, a reminder is sent to all users about the points expiry.

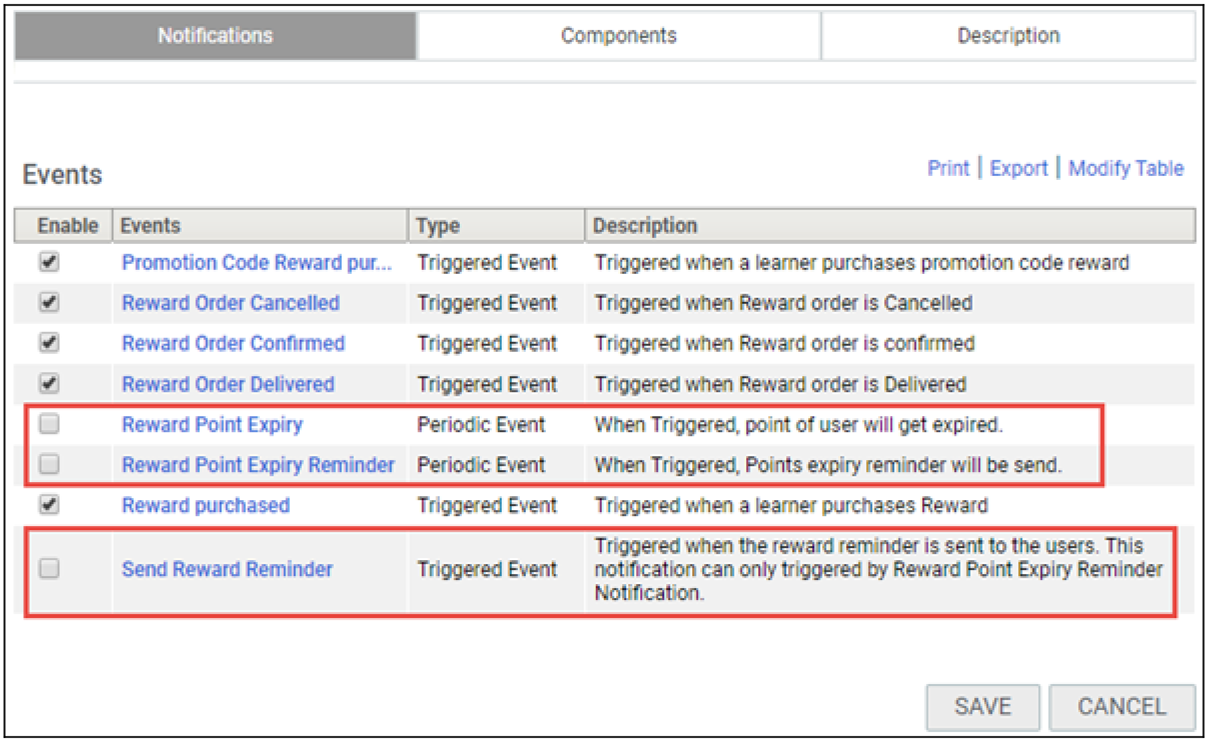


Figure 109: Reward Redemption Notifications

Use case

This improves the usability as by allowing points to expire, the user's concerns related to financial accounting and the perception that the accrued points are carrying over "debt" from one fiscal year to another, are minimised.

View excluded members of group

How did it work?

The social administrator could not view a list of members who were removed or who had left the group.

How does it work now?

The social administrator can now view the a of members who have been excluded from the group membership either by leaving the group themselves or by being removed by the administrators or group owner from the group. As an admin, you can view such members by navigating to the group details page and clicking **Excluded Members** link in the **Members** tab.

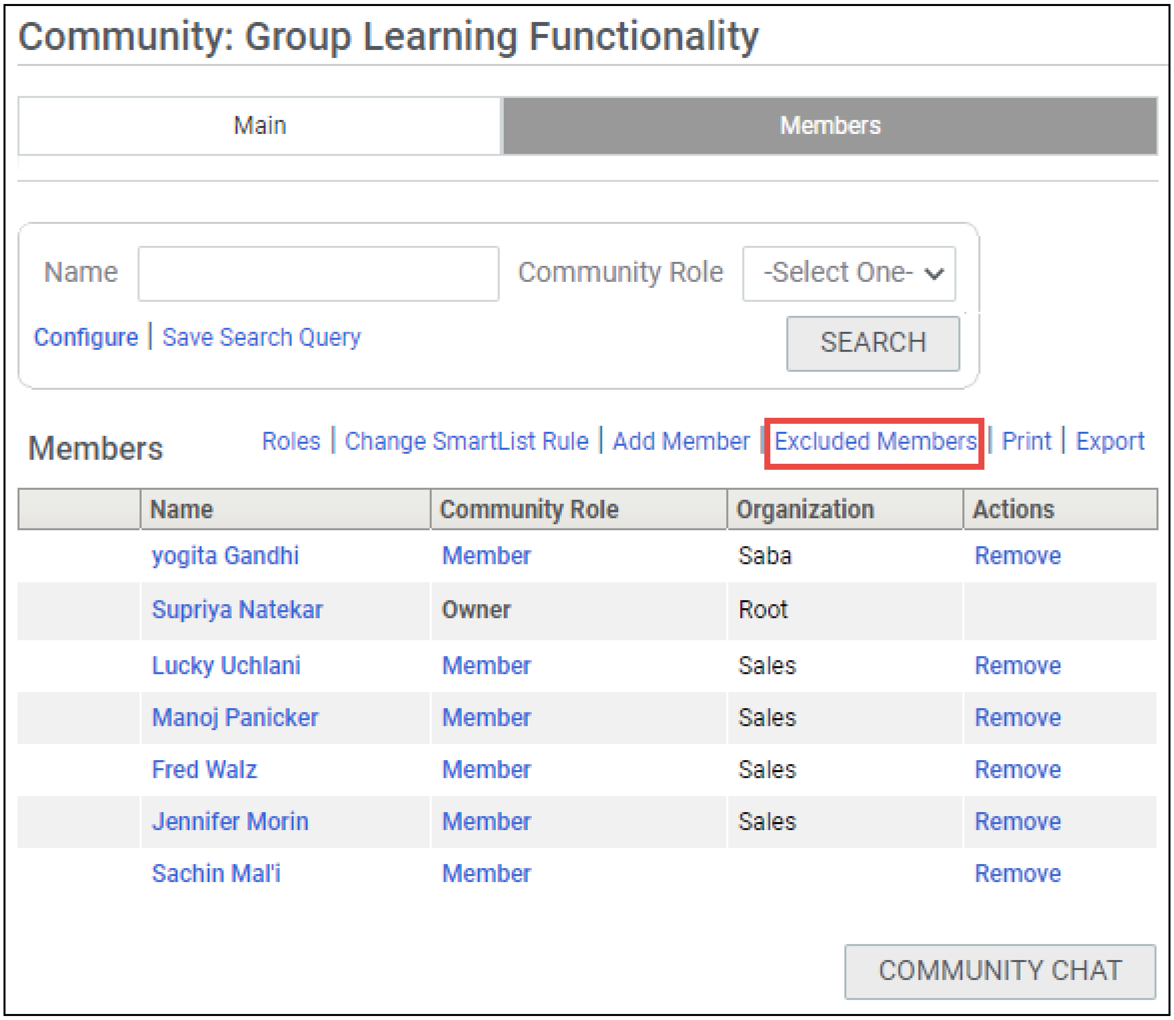


Figure 110: Group details page

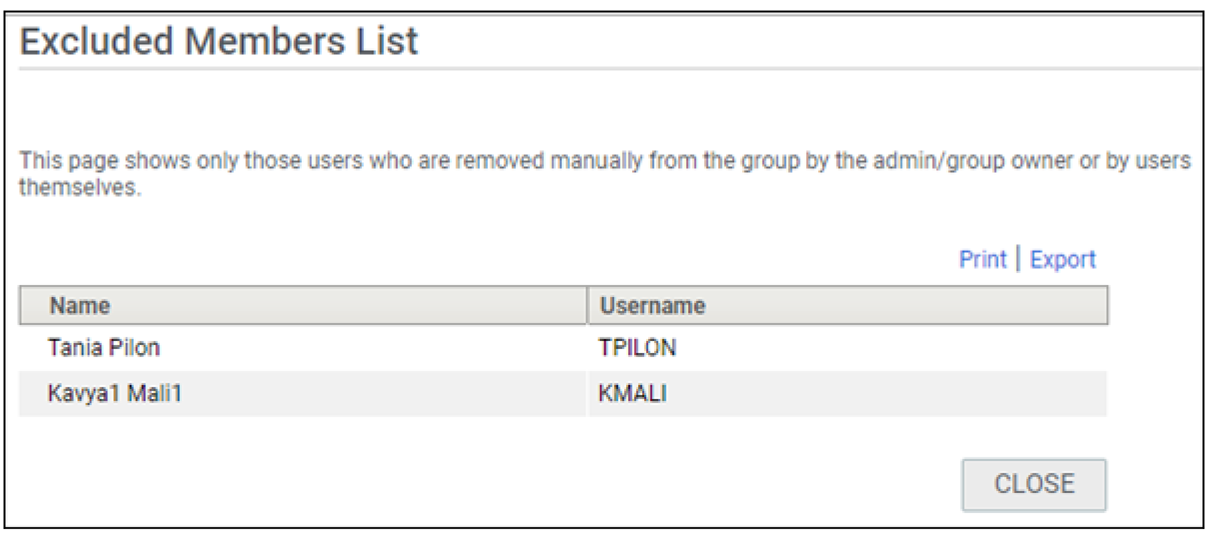


Figure 111: Excluded Members List

Use case

The administrator can now view the excluded members of the group. The administrator can choose to view, export, re-process or add the selected members again in the list manually into the group.

Chapter

11

System

Topics:

- Additional configuration for system administrators
- Deeplinks for profile MicroApps
- PIN based authentication on mobile devices
- Last login with more details
- View security roles against each listed security privilege
- Improved indexing process
- Statistics for application messages
- 2-legged OAuth for API Authentication
- People
- Data Integration
- REST API
- xAPI

Additional configuration for system administrators

How did it work?

Prior to this update, certain configurations were available only to the "admin" user, which required submitting a request to Saba support.

How does it work now?

The following services under **Foundation** are now available to system administrators:

- Microlearning
- Rating
- Rewards

The system administrator can directly enable or disable these services from **Admin** > **System** > **Configure System** > **Services** > **Foundation**.

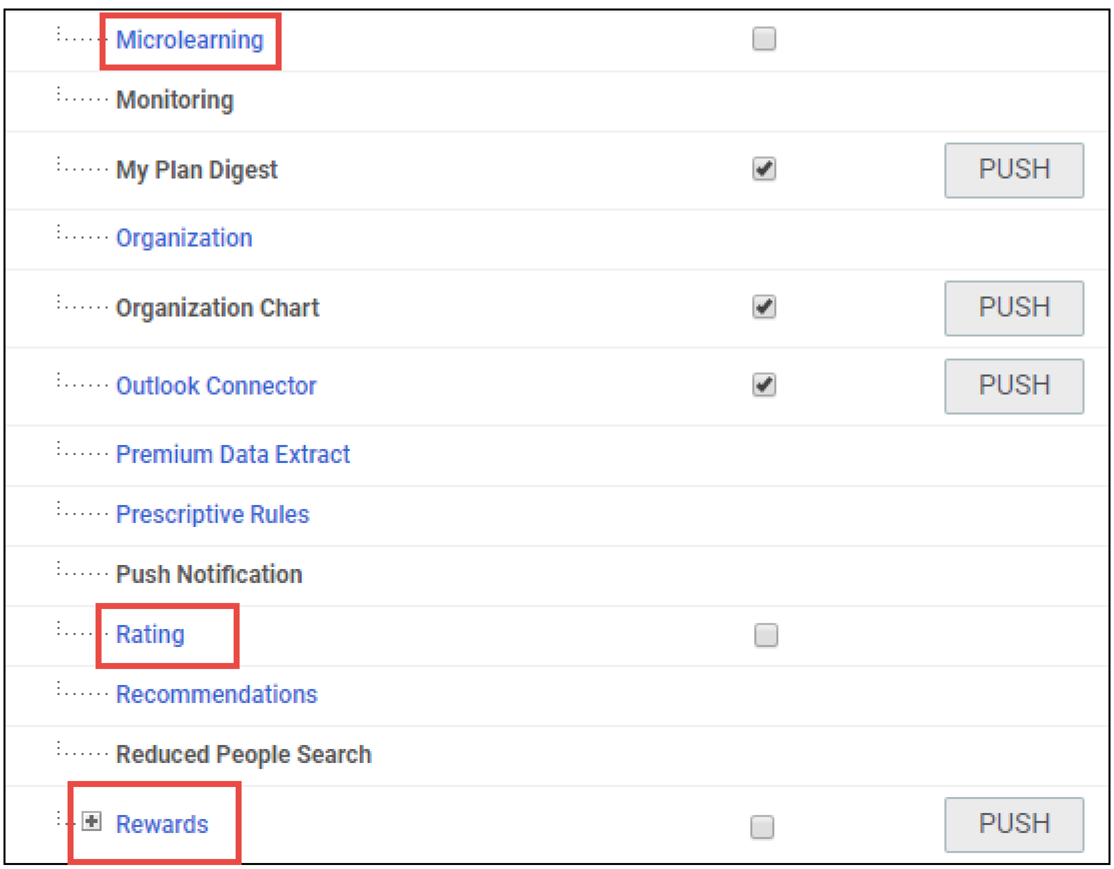


Figure 112: Services

Use case

This will help reduce support requests.

Deeplinks for profile MicroApps

How did it work?

Deeplinks were not supported for MicroApps. Previously, when a user went to a particular profile MicroApp, the URL pattern that was seen in the Web browser was:

```
https://<server>/Saba/Web_spf/<site>/common/profile/microapps/<UserID>/<profileMicroAppName>
```

This URL pattern required the users to know the ID of the person, without which the link would fail.

How does it work now?

Now users can use a deeplink for a profile MicroApp using a new URL pattern:

```
https://<server>/Saba/Web_spf/<site>/common/profile/microapps/<profileMicroAppName>
```

Note: MicroApps configured for home view do not support deeplinks.

Users can use this new URL without specifying the User ID.

Note: The User ID will be automatically taken as the ID of the logged in user.

For example:

```
https://<server>/Saba/Web_spf/<site>/QA/common/profile/microapps/Twitter
```

Use case

This enhancement allows users to access profile MicroApps using a deeplink.

PIN based authentication on mobile devices

How did it work?

Previously, Saba Cloud did not support PIN based authentication on mobile devices.

How does it work now?

Now Saba Cloud supports PIN-based authentication on mobile devices.

Note: By default this feature is disabled. The **system admin** can enable the PIN-based authentication feature by setting the **Enable MPIN authentication for Saba Cloud Mobile Application** under **Microsites > Saba Cloud > Web Variables** to **true**.

After the PIN authentication for Saba Cloud Mobile Application is enabled, you will start seeing the **Activate your Saba Cloud Mobile App** section under **Account Preferences**. In this section, you need to generate the activation code in order to activate the PIN-based authentication.

To generate the activation code, click **Generate activation code**. You need to enter this code on your mobile device.

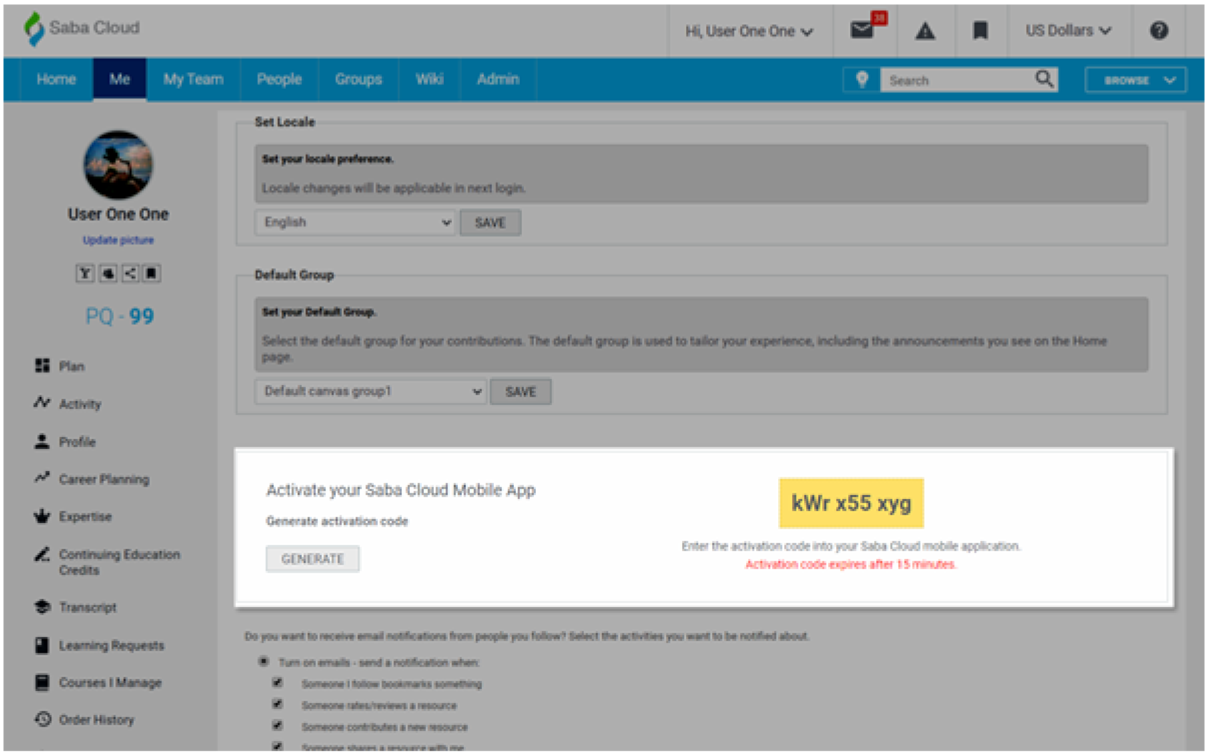


Figure 113: Generate activation code

Use case

This enhancement provides PIN-based authentication on mobile devices.

Last login with more details

How did it work?

Previously, the last login details only showed the date and time when the user last logged in.

How does it work now?

Now the last login also provides the IP address of that user.

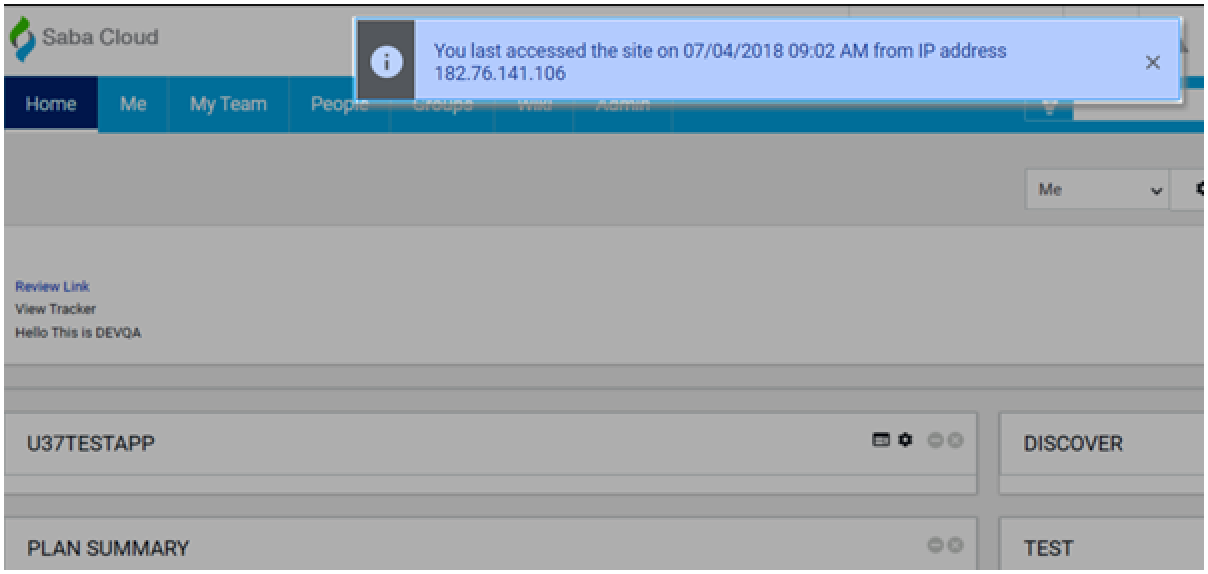


Figure 114: Last login details

Use case

This enhancement makes the last login information more detailed.

View security roles against each listed security privilege

How did it work?

Previously, it was difficult for the system admins to identify the security roles that have been enabled on a particular security privilege.

How does it work now?

Now the system admin can click the **Show Roles** link (under **System** > **Manage Security** > **Security Roles**) against each listed **Security Privilege**.

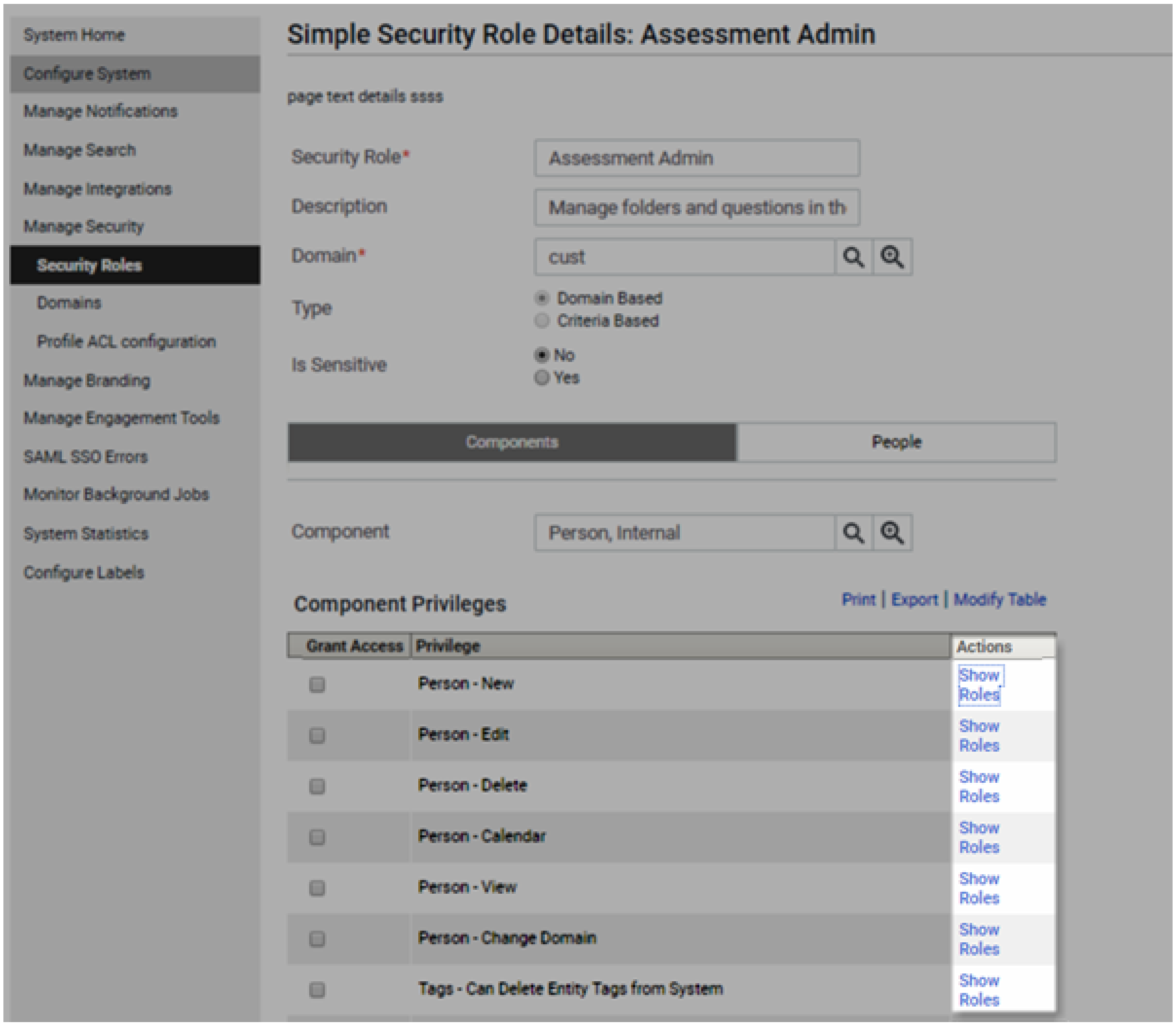


Figure 115: Show Roles

Clicking **Show Roles** shows a list of security roles that has been enabled on that particular security privilege.

Note: The **Show Roles** link is only visible, if **Display Show Roles link for Privileges** under **System > Configure System > Microsites > <site-name> > Site properties > Web Variables** is enabled.

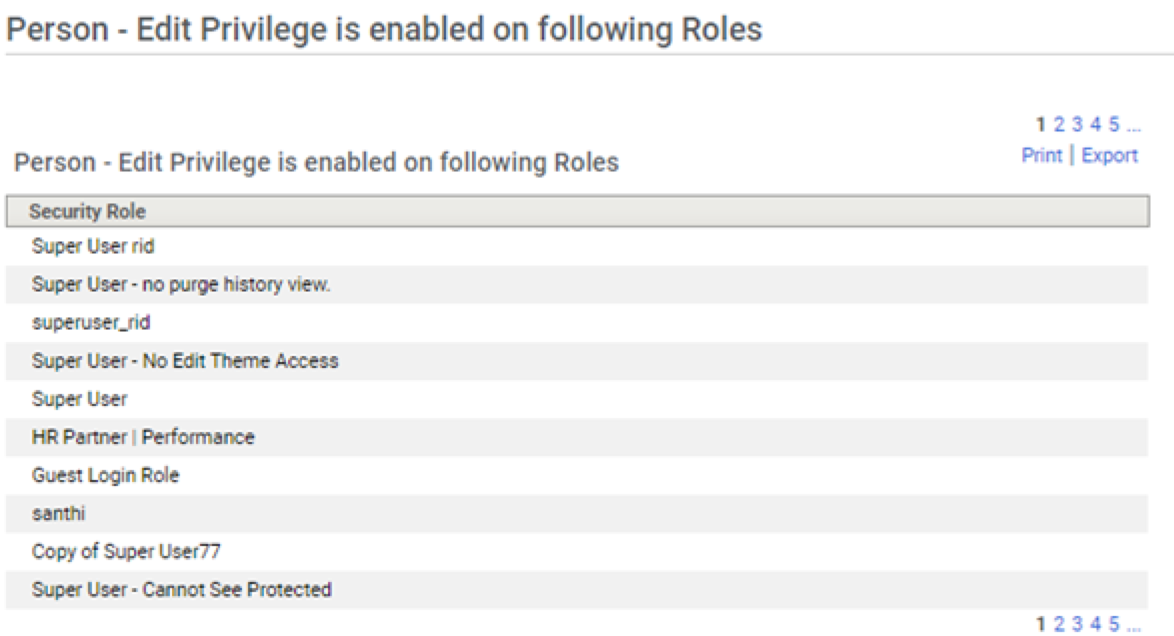


Figure 116: List of security roles

Use case

This enhancement helps easily identify the security roles that have been enabled on a particular security privilege.

Improved indexing process

How did it work?

Previously, the system admin could start and stop the full search index (available under Admin > System > Manage Search > Indexes > Actions).

How does it work now?

Now the entire indexing process has been improved and the system admins are no longer required to trigger the full search indexing manually.

Note: The system admins can still initiate a full search index (when required) by submitting a Support request.

Use case

This enhancement is designed to keep the system usage simple and usable and not burden the system admin with such operational tasks.

Statistics for application messages

How did it work?

Previously, super user / system admin did not have capability to view application messages statistics.

How does it work now?

Now the super user / system admin can view application messages statistics under **System** > **Manage Notifications** > **Application Messages**. After a message is added, it appears under **System** > **Manage Notifications** > **Application Messages** to the super users / system admins. You can search the messages either by subject or by content.

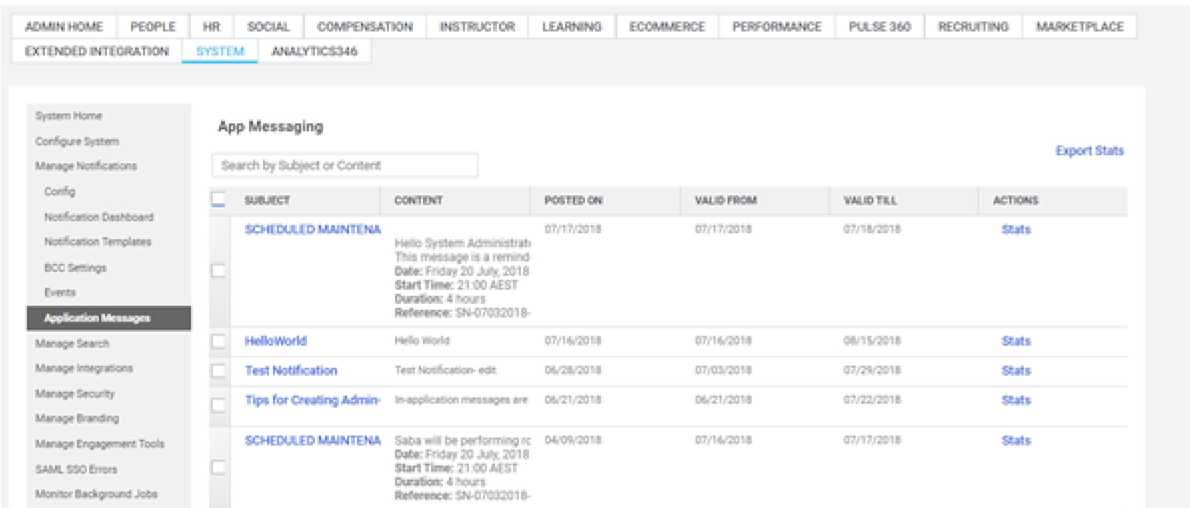
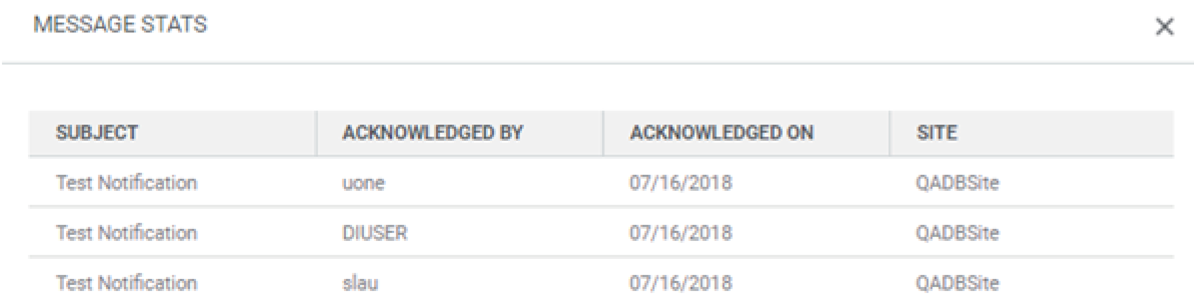


Figure 117: List of messages

For every such message, the super user can see the statistics by clicking the **Stats** link for a particular message.


MESSAGE STATS

SUBJECT	ACKNOWLEDGED BY	ACKNOWLEDGED ON	SITE
Test Notification	uone	07/16/2018	QADBSite
Test Notification	DIUSER	07/16/2018	QADBSite
Test Notification	slau	07/16/2018	QADBSite

Figure 118: Statistics

The stats also indicate who acknowledged the message and when.

Note: These stats can be exported as a .CSV file by clicking **Export Stats**. You can also select the required messages using the check-boxes that you want to export.

Use case

This enhancement not only provides useful details to the super users about who acknowledged the message and when but also allows exporting such information.

2-legged OAuth for API Authentication

How did it work?

When content vendors integrate with Saba Cloud, they always used a super user account (provided by the end users) for calling any APIs in Saba Cloud. This required communication between all the 3 parties i.e. Saba Cloud, the content vendor and the end users.

How does it work now?

Saba Cloud now supports 2-legged OAuth authentication for the following REST APIs and hence content vendors should now be able to directly call the relevant Saba APIs (server-to-server) without needing Saba user credentials:

- LRS Endpoint: v1/public/lrsapi
- LTI result reporting

Use case

This enhancement makes it easier for content vendors to integrate with Saba Cloud.

People

Custom fields added to education and external certifications sections

How did it work?

New addition.

How does it work now?

In this update, ten custom fields have been added to Education and External certifications section.

The custom fields for the **Education** will be displayed in the following pages:

- Edit popup page displayed when editing an Education entry in full profile.
- The education section of **My Profile** page.

The custom fields for the **External Certification** will be displayed in the following pages.

- Edit popup page when editing an **External Certification** entry in the full profile.

The custom fields of **Education** will not be displayed in the **full profile** itself.

The custom fields of **External Certification** will not be displayed in the **full profile** itself.

The custom fields of **External Certification** will not be displayed in the **Expertise** page.

Use case

Additional custom fields have been added to education and external certification sections of My Profile page.

External and internal organization criteria now display custom fields

How did it work?

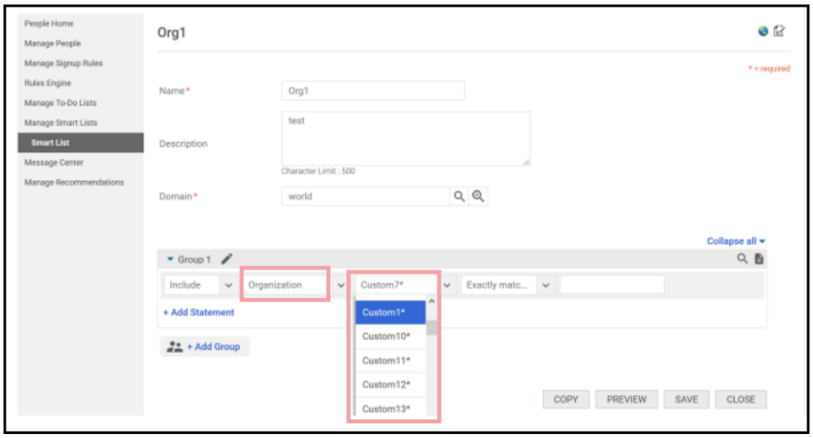
Until now, if the datatypes of custom fields for internal organization and external organization were different, then it was not possible to pick a custom field of external organization. This happened because the datatypes of custom fields were always based on the internal organization

How does it work now?

With this update, users can add custom fields to Internal and External organization criteria.

The External Organization Custom field will display an asterisk*.

Custom fields



Use case

This update allows users to add custom fields for Internal and External organization criteria when creating smartlists.

Provide notification to the user when a Prescriptive Rule is Stuck

How did it work?

Until now, when a PR was stuck, there was no mechanism set up to inform the administrator about it.

How does it work now?

In this update, two new notification events are added to include the following information:

1. **Mark stuck prescriptive rules**

This is a periodic event and is used to identify stuck prescriptive rules

2. **Notify stuck prescriptive rules**

This is a triggered event.

The periodic event identifies the stuck prescriptive rules and if it finds any, it triggers the **Notify stuck prescriptive rules** event to send a message to the user.

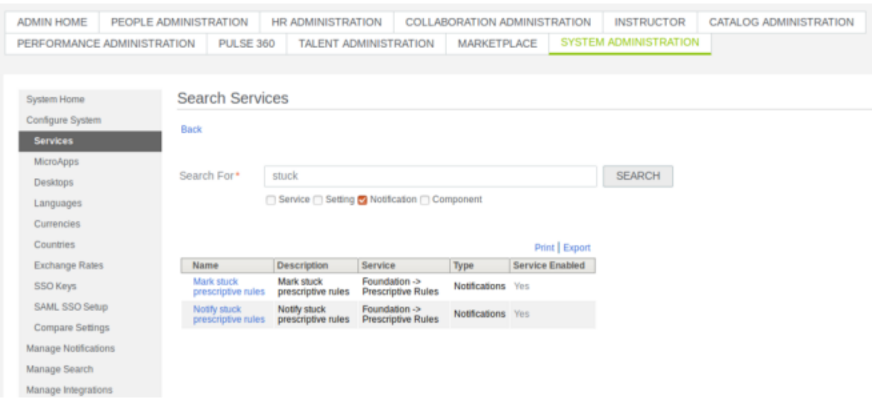
Even if there are stuck prescriptive rules, if the triggered event is not enabled, the users will not be notified.

Likewise if there are no stuck prescriptive rules, There will not be a trigger to the **Notify stuck prescriptive rules** event.

Both events should be enabled to receive the notification.

Note: This notification can only be sent to ad-hoc mail addresses and not for searched queries.

Events added



Use case

This update provides a mechanism to trigger a notification message to be sent to the administrator, when a Prescriptive Rule is stuck.

Multiple rows custom sections for person profile

How did it work?

Currently, a person profile custom section only supports one record made of multiple fields. It is not possible to add a custom section that can hold multiple rows of data. For example: Project History, Professional Memberships and so on.

How does it work now?

In this update, the system allows the creation of up to 5 Multi-row custom sections (MRCS) on a Person Profile. These are different from regular custom sections.

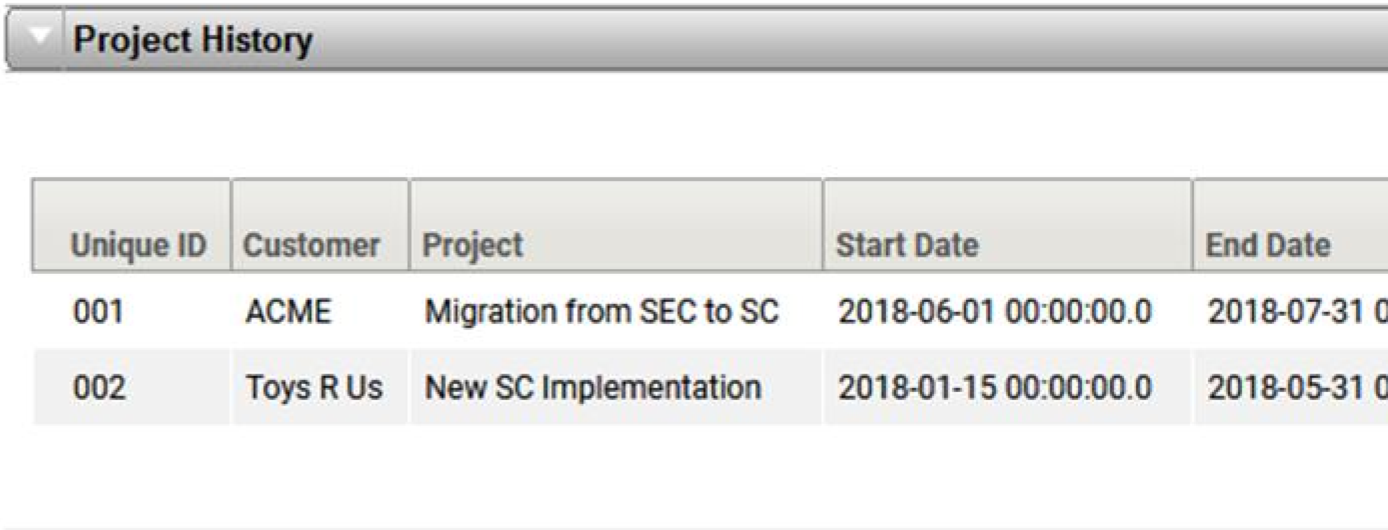
Features

- Allows up to 10 fields to be defined for each row.
- Each field can be of type String, Date, Time, Number or Boolean. (Boolean fields display as Yes/No)

- Ability to add, edit or remove a row.
- Each row has a field called UNIQUE ID that identifies that row.
- Display MRCS data in a tabular fashion.

The user can now add, update or remove the Grid Custom Section from **Me** > **Additional Information** page and from **People**>**Full Profile page.**

Grid Custom Section sample



Project History

Unique ID	Customer	Project	Start Date	End Date
001	ACME	Migration from SEC to SC	2018-06-01 00:00:00.0	2018-07-31 0
002	Toys R Us	New SC Implementation	2018-01-15 00:00:00.0	2018-05-31 0

By default none of the sections are displayed.

Use case

This update provides an option to add a custom section that can hold multiple rows of data. Example: Project History and Professional Memberships.

Member selection audit trail to display reason

How did it work?

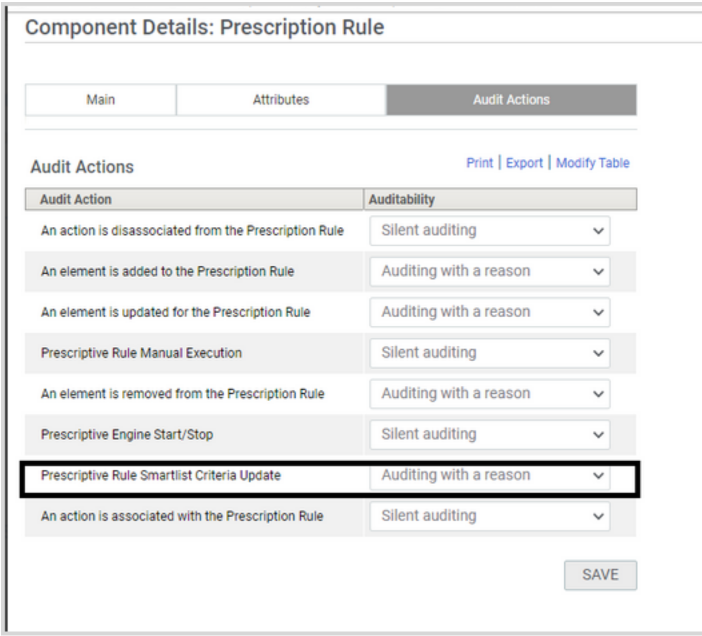
Until now, when a PR member criteria was added or updated and a reason was added to the audit section, the reason text was not captured in Member Selection audit trail.

How does it work now?

In this update, the following changes are implemented so the Reason field also displays in the audit trail.

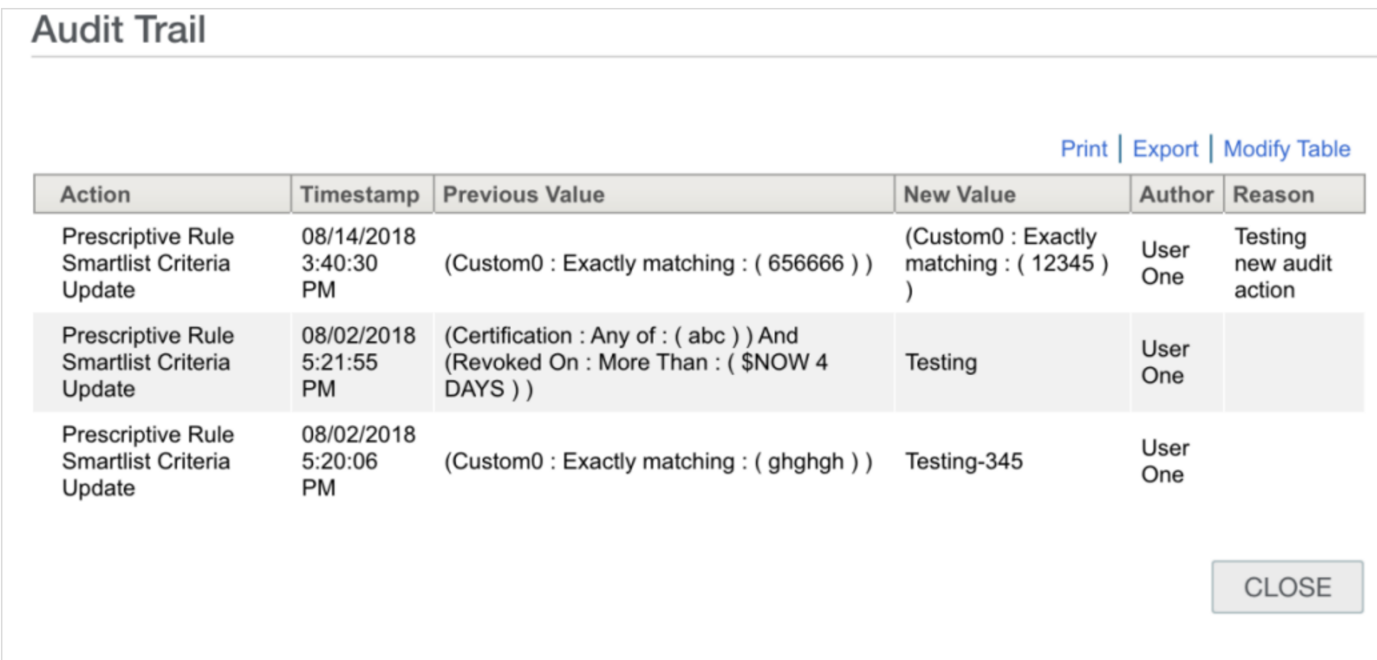
- A new audit action named **Prescriptive Rule Smartlist Criteria Update** for smartlist based PRs.
- If the audit action is configured and the reason is provided when smartlist criteria is changed for PR, it is tracked under Audit actions.

Auditing with a reason action added



1. The newly added audit action is only for smartlist based PRs.
2. The audit action will come into place only for criteria UPDATE. The audit action will not get triggered when you are creating a new smartlist based PR and adding the criteria for the first time.

Audit trail with reason displayed


Audit Trail

Print | Export | Modify Table

Action	Timestamp	Previous Value	New Value	Author	Reason
Prescriptive Rule Smartlist Criteria Update	08/14/2018 3:40:30 PM	(Custom0 : Exactly matching : (656666))	(Custom0 : Exactly matching : (12345))	User One	Testing new audit action
Prescriptive Rule Smartlist Criteria Update	08/02/2018 5:21:55 PM	(Certification : Any of : (abc)) And (Revoked On : More Than : ($NOW 4 DAYS))	Testing	User One	
Prescriptive Rule Smartlist Criteria Update	08/02/2018 5:20:06 PM	(Custom0 : Exactly matching : (ghghgh))	Testing-345	User One	

CLOSE

Use case

This update provides a mechanism to capture audit reason for smartlist based PR criteria change.

Assign Audience Types synchronously

How did it work?

Currently, When a person is created with a particular Job or role, the corresponding Learning requirements are not always assigned to the user. This is because the learner may or may not yet have the right audience types for the learning that is being assigned to them.

How does it work now?

In this update, a new configuration parameter is added: **Assign dynamic AT on person creation** under **System** > **Sites** > **Smartlist Engine**. If it is set to TRUE, newly created users will be assigned Audience type immediately. By default, it is set to FALSE.

Only the following attributes are associated with this change:

- personId and personCustom0 through 9.
- personDomainId;
- personHomeDomainId;
- personManagerId;
- personLocaleId;
- personGender;
- personEthinicity;
- personStatus;
- personStartDate;
- personDateOfBirth;
- personType;
- personEmployeeType;
- personReligion;
- personOrgId;
- personOrgNumber;
- personOrgCostCenterNumber;
- personOrgType;
- personOrgZipCode;
- personLocId; and personLocCustom0 through 9
- personJobId; personJobCustom0 through 9
- personJobCode;

Other attributes will behave as before.

Note: The dynamic audience type will be assigned only when the user is created by UI or REST API- it will not be assigned when the user is created by data import method. Also, this change is only applicable when a user is created and not updated.

Use case

Dynamic audience types can be assigned synchronously to learners upon creation of their records.

Mechanism added to reset the internal work history of a person

How did it work?

In the past, it was not possible to reset the internal work history of a person from the full profile page by the administrator.

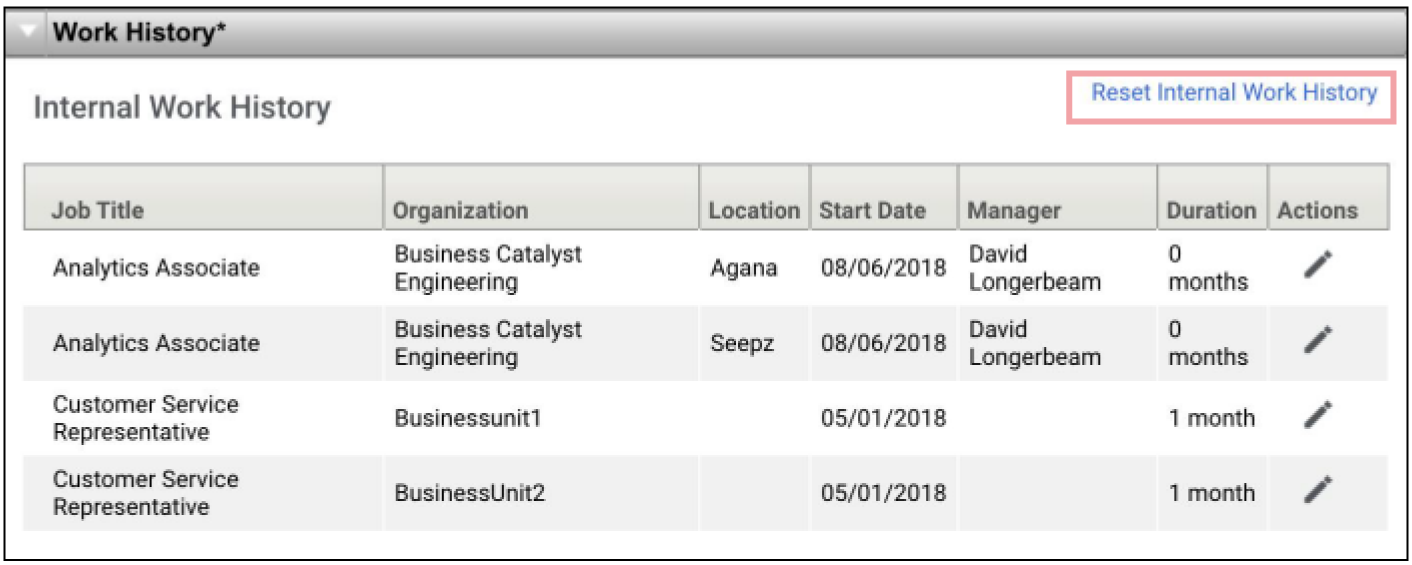
How does it work now?

In this update, **Reset Internal Work History** link is added to the Internal Work History section of users. People Administrators can access and click on the link to remove the entire work history of a person.

Note: It is not possible to edit or remove a single entry from internal work history. Only the entire internal work history can be removed.

An audit trail is also available for this action to monitor and track associated actions.

Reset internal work history



Job Title	Organization	Location	Start Date	Manager	Duration	Actions
Analytics Associate	Business Catalyst Engineering	Agana	08/06/2018	David Longerbeam	0 months	
Analytics Associate	Business Catalyst Engineering	Seepz	08/06/2018	David Longerbeam	0 months	
Customer Service Representative	Businessunit1		05/01/2018		1 month	
Customer Service Representative	BusinessUnit2		05/01/2018		1 month	

Use case

In this update a new Reset Internal work History page has been added to the Internal Work History section on the Full Profile page.

Reassign certification when a person rejoins after termination

How did it work?

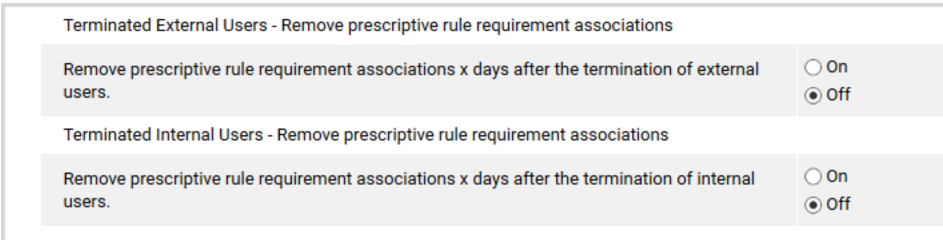
Until now, when a person was terminated, the requirements for learning activities assigned for that person were also removed as post clean-up activity. When the person rejoined and the profile reactivated, those requirements were not reassigned.

How does it work now?

With this update, when reactivating the profile of a person who rejoins after termination, the certification requirements will be reassigned.

To enable this step, two new business rules are added under **System**>**Configure System**>**Settings**

- Remove prescriptive rule requirement associations x days after the termination of external users.
- Remove prescriptive rule requirement associations x days after the termination of internal users.



If the business rules are turned ON, then the periodic events that process the terminated users will also remove the PR requirement associations - which means, if the terminated person rejoins and his profile gets reactivated again, the next time the PR runs, it will reassign the learning items, if the original criteria is met. By default, the business rules are turned OFF.

Note: This feature only affects terminations that happen after enabling the business rule.

Use case

This update provides the option to re-assign learning activities to users who rejoin after termination.

Transfer internal users to external and vice-versa

How did it work?

In the past, there was no mechanism to Transfer internal user to external and vice-versa.

How does it work now?

The process to transfer user data from internal to external and vice versa is now automated.

This process is similar to a Merge operation. It involves the following steps:

- Create a new record (Person) either on the internal or the external side.
- Conduct a Profile Transfer from Internal/External or vice versa.
- Carryover the username to the new profile and change the username of the old record.

To do a Profile Transfer, follow these steps:

1. Navigate to **Admin** > **People** > **Manage People** >**Internal People/External People**> **Profile Transfer**.
2. Select the person to transfer using the person finder.
3. Provide the details for **Security Domain**, **Home Domain**, **Organization** and Default Currency information or use the Search option and select appropriate choices.
4. Select the **Manager** name from the search criteria.
5. Choose the options for **Transfer Settings**.

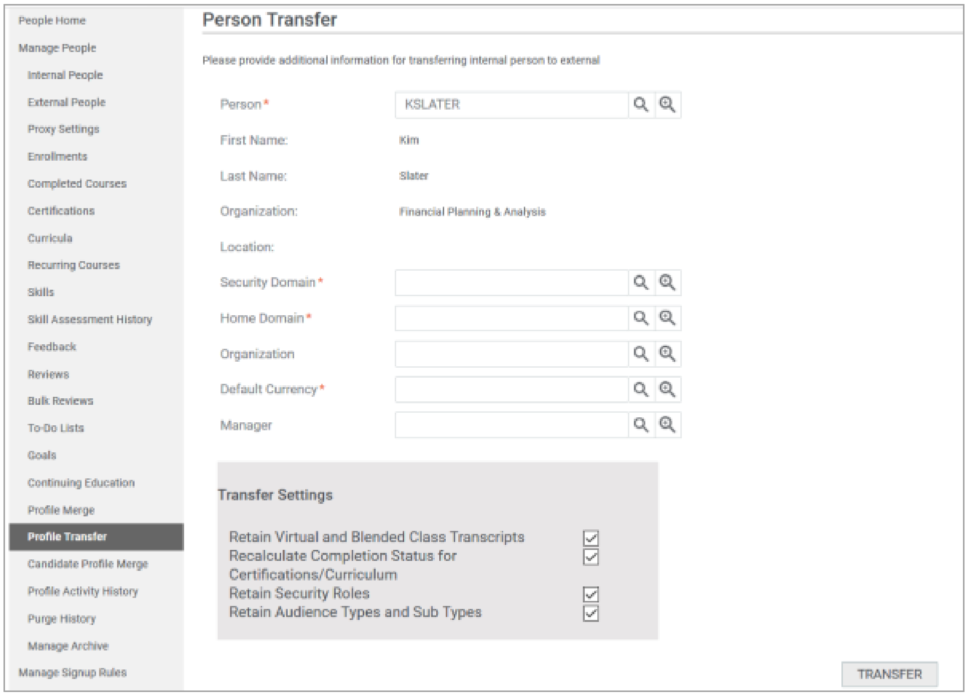


Figure 119: Profile Transfer

- **Retain Virtual and Blended Class Transcripts** - the transcripts obtained from virtual and blended classes will be retained in the new transferred profile.
- **Recalculate completion status for Certifications/Curriculum** - recalculates and provides an accurate status of course/curriculum completion in the transferred profile.
- **Retain Security Roles** - Keeps all the security privileges for the transferred profile as the original.
- **Retains audience types and Sub types** - retains the audience types and sub types in the transferred profile as the original.

You can choose to select all the options or only choose those that are needed for the new profile.

When finished, click on **TRANSFER**.

The system will automatically perform the transfer steps and the old record can be terminated or retained **As Is**, if needed.

Note: The Person Transfer menu link will display only if the **Person Transfer Service** is turned ON. By default, the **Person Transfer Service** is disabled. To enable this service, please submit a Support request.

Use case

This update eliminates the manual steps involved in transferring an Internal user to an external user and vice-versa and provides an automated process.

Data Integration

Create a new import for group membership

How did it work?

Saba Cloud data import method did not provide the ability to add or remove users from a group. It was supported from the application interface and not by data import method.

How does it work now?

With this update, new data import for community membership is enabled. It is now possible to add or remove users to a group and assign community role to members.

The following key fields are added to the data import template:

- Person
- Community (Group, Video channel)
- Owner
- Action
- COMMUNITY_ROLE

Use case

This update provides support for membership functionalities on Groups and Video Channels.

Attachment data import supports additional object

How did it work?

In the past, data import only supported adding attachments to Course, Class, Certification, and Curriculum.

How does it work now?

With this update, data import feature has been extended to support attachments.

The following objects now support attachments:

- Skill
- Role
- Person
- Location
- Facility
- Room

- Equipment
- Purchase Order
- Job Type
- Delivery Mode
- Adhoc Transcript

The administrator can delete an attachment from all supported objects.

Use case

Data import for attachments has been enhanced to support all objects available from the UI.

Administrators can change default locale for data imports

How did it work?

Saba Cloud data import step uses the default Locale stored in the configuration settings. This value is set to **en_US** . When an administrator needs to set it to a different default locale, Saba Support personnel had to be contacted.

How does it work now?

With this update, Saba Cloud system administrators can change the data import default locale as per user needs without the need to contact Saba support personnel.

A new Site Level Property for System Admins called **Default locale for imports** has been added and by default it is set as a blank value.

Once the property is set, this locale will be used for Imports for lookup of LOVs, localized attributes and data creation whenever locale is not passed explicitly by the users in import files.

Use case

This update gives more flexibility to administrators to import localized data.

Remove all internal work history for a person

How did it work?

Currently, Internal Work History details can be added via data import process. When Internal Work History data is inaccurate and need to be cleaned up or if an update is needed, it is not possible to remove the entries.

How does it work now?

In this update, Saba Cloud provides a mechanism to remove all internal Work History data.

A new optional column titled ACTION has been added to the Internal Work History data import template. To delete entire work history for a person, ACTION column should have value as REMOVE_ENTIRE_HISTORY.

Note: It is not possible to delete or update an individual entry.

Use case

This update provides a mechanism to clean up outdated and inaccurate data for the internal work history section for a person.

Enhancement to profile transfer import

How did it work?

In the past, Profile Transfer import did not support transferring terminated users. And it did not support specifying manager and currency fields during transfer.

How does it work now?

In this update, the following changes are added to the profile transfer import template:

- Manager and Currency fields are added to the Profile Transfer import. Both are optional fields.
- Terminated users are added to the Profile Transfer import. PROFILE_TO_TRANSFER column will now accept usernames of persons that are terminated as well.

New column headers are added to the Profile Transfer import template:

1. **NEW_CURRENCY** : ISO Code of currency need to be mentioned here. Since we are populating currency for external person only. This field is relevant only in case profile is getting transferred from internal to external. If the currency is not provided when an internal person is transferred to external person, the default currency of the system gets assigned to the learner.
2. **NEW_MANAGER** : Username of manager to be specified in this column. If the person being transferred is external then, the manager specified should also be external and vice versa for internal.

Use case

This update extends the profile transfer import by adding additional options like terminated users and additional fields like the currency and manager fields.

Disable evaluations and associated tasks in offering imports

How did it work?

In the past, users could create offerings and associate evaluations using Data Import but once the evaluation period was over, users could not disable the evaluation. It had to be manually disabled.

How does it work now?

In this update, the following changes are added to Instructor Led Training,Web Based Training, Virtual Class and Blended offering templates:

- A new header DISABLE_EVAL has been added to ILT and WBT Offering import templates.
- A new header DISABLE_TASK and DISABLE_EVAL is added to VC and Blended offering templates.
- The value TRUE will disable the evaluation and tasks. If the entry is blank and no value is passed, it will be considered FALSE.

Once Evaluation is disabled via data import, it cannot be enabled back similar to the application behavior. Similarly, once the Task is disabled from VC and Blended offering, it cannot be enabled back as seen in the application behavior.

Use case

This update provides the ability to disable evaluations in ILT, WBT, VC and Blended offering imports and the ability to disable associated tasks in VC and Blended offering imports.

Display progress of association processing on Monitor Imports screen

How did it work?

In the past, an indicator on Monitor Imports screen to show associations was not available. The users sometimes were getting the impression that the import process was stuck even though the association records were being processed in the background.

How does it work now?

In this update, an indicator has been added to show progress of association processing on Monitor Imports screen to avoid any confusion of imports being stuck and preventing any accidental deleting of in progress import.

New column headers are added to the Monitor UI imports and Monitor All Imports pages:

- Total Associations > Count of all association records loaded for processing.
- Processed Associations > Count of association records processed.

The following notifications are updated with new keywords - Total Associations, Processed Associations, and SMF Job ID:

- Check import failure
- Data Integration post process
- Data Integration pre process

Use case

Provide the ability to view association processing progress for imports.

Enhancements to import and export configuration

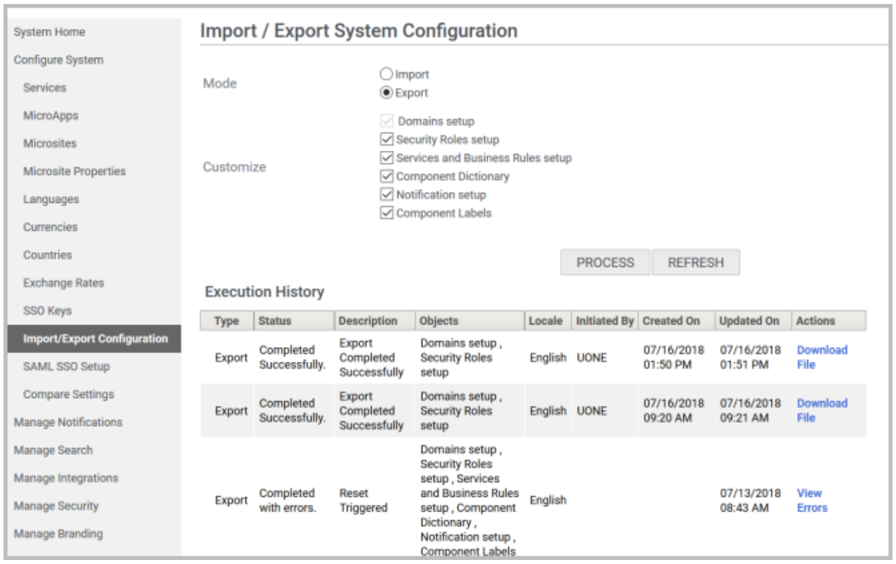
How did it work?

In the past, import export process under configuration did not provide the audit capability.

How does it work now?

In this update, Saba Cloud provides a mechanism to capture the following information: Created On, Updated On, and Initiated By, Locale, Objects, Status, Type, Description and Action. The execution history section on Import and export configuration page will display the above details.

Import/export configuration



Use case

This update provides an enhancement to the import and export configuration page to display audit details and the execution history details.

Bulk content import enhancements

How did it work?

N/A

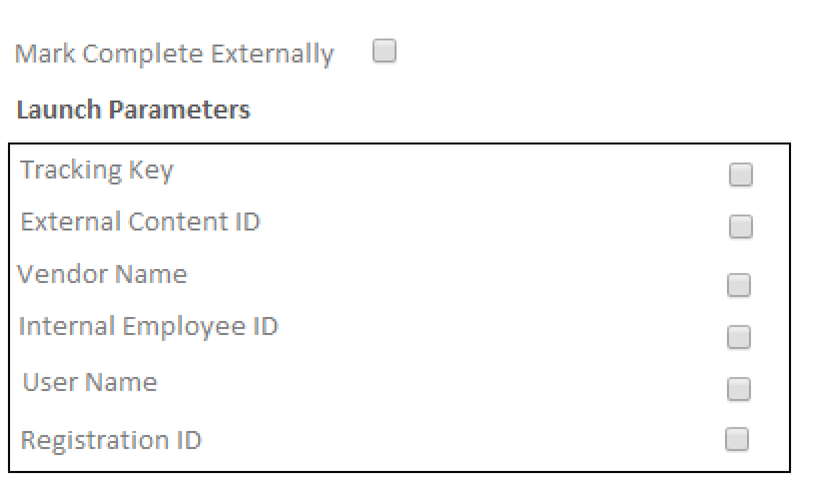
How does it work now?

In this update, bulk content import feature is enhanced to import additional fields.

Following boolean parameters are added to Bulk content import template:

- MARK_COMPLETE_EXTERNALLY
- LAUNCH_PARAM_EXTERNAL_CONTENT_ID
- LAUNCH_PARAM_TRACKING_KEY
- LAUNCH_PARAM_VENDOR_NAME
- LAUNCH_PARAM_REGISTRATIONID
- LAUNCH_PARAM_USERNAME
- LAUNCH_PARAM_EMPLOYEE_ID

Launch parameters



Note: MARK_COMPLETE_EXTERNALLY - is valid and applicable only for URL content format. The default value is FALSE.

Use case

Bulk content import section is enhanced to include additional fields. These parameters were added to Mark complete URL content externally on page 90 .

Multi-row custom sections import

How did it work?

In the past, a person profile option only provided custom sections with multiple fields. It did not provide custom sections with multiple rows.

How does it work now?

In this update, a new import is created for custom sections with multiple rows. A new object called **Profile Grid Custom Section** is added for multi-row custom section import.

This update allows the following operations on the multi-row custom sections:

1. Add rows to a multi-row custom section (of a person)
2. Update the values of a specific row in a multi-row custom section
3. Update Unique ID for a specific row in a multi-row custom section
4. Delete a specific row in a multi-row custom section

This Data Import will support functions like SKIP_OMITTED_COLUMNS.

Use case

A new import is added to include custom sections that can hold multiple rows. Examples: Project History and Professional Memberships.

Person Profile import section will cover additional fields

How did it work?

In the past, profile import process did not provide options to import certain fields.

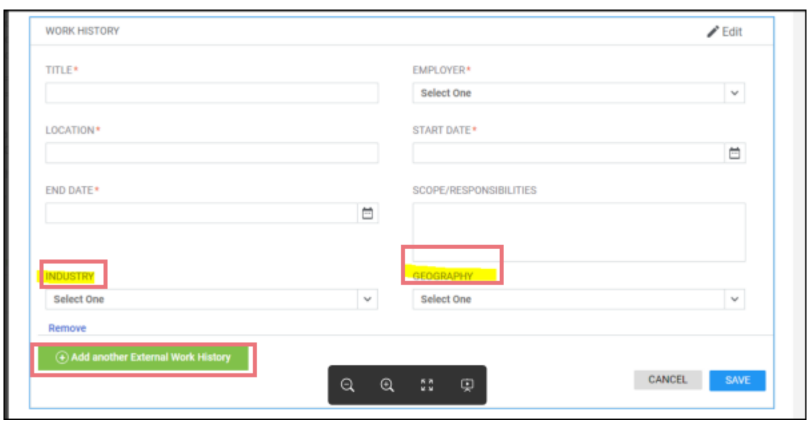
How does it work now?

In this update, Profile import feature is enhanced to import additional fields.

Following fields are added to Profile import template:

- External Work History
    - Industry, Geography, 10 Custom fields
- Succession Details
    - Is critical person, General Readiness, 10 Custom fields
- Education
    - 10 Custom fields
- External Certification
    - 10 Custom fields

Work History Profile



Use case

Profile import section is enhanced to include additional fields under External Work History, Education and External Certification areas. This addition provides more flexibility for users to include additional details for the profile section.

REST API

Enable sending logRefId for REST APIs

How did it work?

This is a new feature.

How does it work now?

Saba Cloud now supports sending **logRefId** for failed REST APIs.

By default this feature is disabled. The **system admin** can enable sending logRefId for public APIs by setting the **Enable sending logRefId for public APIs** under **Microsites > Saba Cloud > Web Variables** to **true**.

logRefId could be used for tracking the request and helps Saba and developers with tracing and debugging the issues with more granularity.

For example:

```
{
   "errorCode":120067,
   "errorMessage":"(120067) Unable to restore JobRequisition. No rows found for
 object id 'jobrq000000100001241'.",
   "logref":"dec51390-89df-11e8-9fdb-0050568b6f6e"
}
```

Use case

This enhancement help with diagnostics by allowing an easier correlation with logs.

New REST APIs

Mark an Order payment approved

How did it work?

It was not possible to mark the payment approved and confirm the order using REST APIs.

How does it work now?

A new REST API now allows marking an Order payment approved.

APPROVE OR REJECT AN ORDER INVOICE PAYMENT

Overview

Allows approving or rejecting an Order invoice payment.

Requires OAuth

No

Method

PUT

URL

https://<*hostname-api.sabacloud.com*>/v1/learning/order/:orderId/invoicePaymentApproval?action=:action

Example:

https://<*hostname-api.sabacloud.com*>/v1/learning/order/intor000000000203637/invoicePaymentApproval?action=approve

Calling Options

Table 17: Calling Options

Name	Description	Sample Value	Data Type	Required?
orderId	Order's ID	in~ tor000000000203637	string	Yes
action	The action to be performed. Can be approve or reject.	approve	string	Yes

Return Values

```
200 (OK)
```

Use case

This enhancement helps users to integrate with the ordering and payment process in Saba Cloud.

Updated REST APIs

REPORT RESULT

How did it work?

It was not possible to mark the URL content complete using REST APIs.

How does it work now?

The following REST API has now been updated with additional parameters (registrationID, employeeID, username, externalContentID, vendorName) that when passed allows marking the URL content complete.

REPORT RESULT

Overview

Reports the content result back to Saba.

Note: This API only supports the COIN and LAB content formats.

Mark Complete Externally should be enabled to mark complete using the following parameters (Calling Options):

- registrationID
- employeeID
- username
- externalContentID
- vendorName

The following completion rules will be applied:

- If more than one type of parameters are passed, then the completion will happen considering the following priority:

  1. Tracking Key
  2. Registration ID + External Content ID + Vendor Name
  3. Internal Employee ID + External Content ID + Vendor Name
  4. Username + External Content ID + Vendor Name

  This means, if the trackingkey and Registration ID + External Content ID + Vendor Name are specified, then the completion will happen based on the tracking key.

Table 18: Completion Rules

Input	Scenarios		Completion Rule
TrackingKey	Tracking Key	Matches an open attempt	That attempt is marked complete and rollup is triggered
Registration ID, Internal Employee ID, Username	Single Registration	0 or more attempts	Last attempt is marked complete and rollup is triggered. If 0 attempts, then an attempt is created and it is marked complete and rol~lup is triggered.
Internal Employee ID, Username	Multiple Registrations	0 or more attempts	Last attempt is marked complete for all registra~tions and rollup is triggered. If 0 attempts, then an at~tempt is created and it is marked complete and rollup is triggered

Input	Scenarios		Completion Rule
Internal Employee ID, Username	No registrations	N/A	Error is thrown and completion will not happen

Requires OAuth

No

Method

POST

URL

http://<*hostname-api.sabacloud.com*>/v1/partner/reportResult

Note: The **Show Best Score** setting does not apply for URL of type content format, if the completion is marked using this API.

Calling Options

Table 19: Calling Options

Name	Description	Sample Value	Data Type	Required?
trackingKey	This will be sent by Saba during content launch/entitlement(250 characters key limit).	.-68FEC7ECB9C3B84E405E890B13843E27D1D8F3D8E60CF90C75A9877F19865DFAABFB886758529CD796DC8A295D33C81E-.-	string	Yes
registrationID	This will be sent by Saba during content launch/entitlement. **Note:** This should be used in combination with **externalContentID** and **vendorName**. Supported Content Format: • URL		string	No
employeeID	This will be sent by Saba during content launch/entitlement. **Note:** This should be used in combination with **externalContentID** and **vendorName**. Supported Content Format: • URL		string	No

Name	Description	Sample Value	Data Type	Required?
username	This will be sent by Saba during content launch/entitlement. **Note:** This should be used in combination with **externalContentID** and **vendorName**. Supported Content Format: • URL		string	No
externalContentID	This will be sent by Saba during content launch/entitlement.		string	No
vendorName	This will be sent by Saba during content launch/entitlement.		string	No
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.	24	string	No
minScore	Minimum score	35	string	No
maxScore	Maximum score	100	string	No
timeSpent	Time spent on the content. Specify the value in the following format: hh:mm:ss For example: 00:10:00	00:24:10	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.	27/09/2016	string	No

Request Body (Sample 1)

```
{
   "trackingKey":".-.A4207E711067D0FC61B3FA5F6029D0FB8E8A12748EF930B
        CC47D4638131197DDEEC6548C949747CDE1E4C1AAA94245F0-.-",
   "completionStatus":"completed",
   "score":"24",
   "minScore":"35",
```

```
    "maxScore":"100",
    "timeSpent":"00:24:10",
    "completedOn":"27/09/2016"
}
```

Request Body (Sample 2)

```
{
    "username":"kkalyani",
    "vendorName":"URLVendor",
    "externalContentID":"external_id_url",
    "completionStatus":"passed",
    "score":"90",
    "timeSpent":"00:01:55",
    "completedOn":"14/8/2018"

}
```

Request Body (Sample 3)

```
{
    "employeeID":"emplo000000000051941",
    "vendorName":"URLVendor",
    "externalContentID":"external_id_url",
    "completionStatus":"passed",
    "score":"90",
    "timeSpent":"00:01:55",
    "completedOn":"14/8/2018"
}
```

Request Body (Sample 4)

```
{
    "registrationID":" regdw000000000008986",
    "vendorName":"URLVendor",
    "externalContentID":"external_id_url",
    "completionStatus":"passed",
    "score":"90",
    "timeSpent":"00:01:55",
    "completedOn":"14/8/2018"
}
```

Return Values (Sample)

```
{
     "trackingKey": ".-.A4207E711067D0FC61B3FA5F6029D0FB8E8A12748EF930B
         CC47D4638131197DDEEC6548C949747CDE1E4C1AAA94245F0-.-",
     "errorMessage": "",
     "status": "Success"
}
```

Use case

This enhancement opens up a new mechanism to allow services to integrate external content vendors with Saba.

Search by organization manager

How did it work?

The FIND DETAILS OF INTERNAL/EXTERNAL ORGANIZATIONS REST API didn't allow to retrieve all those organizations that user is an org manager for.

How does it work now?

The following REST API has now been updated with additional search criteria (**org_manager_username**, **is_active**) that when passed allows retrieving all those organizations that user is an org manager for.

FIND DETAILS OF INTERNAL/EXTERNAL ORGANIZATIONS

Overview

Returns the details of the Internal/External Organizations 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/organization?type=:type&q=(:criteria_field==:field_value)&count=:count&startPage=:startPage

You can now pass the following criteria fields:

- org_manager_username - Accepts username as the value

  http://<hostname-api.sabacloud.com>/v1/organization?type=external&q=(org_manager_username%3D%3DUONE)

- is_active - Use this for the external organization search, since the API for getting organizations of an organization manager considers only active organizations. you must use this criteria along with **org_manager** conditions.

  Note: **is_active** is applicable only for external organizations.

  http://<hostname-api.sabacloud.com>/v1/organization?type=external&q=(org_manager_username%3D%3DUONE,is_active%3D%3Dtrue)

- org_manager_id - Accepts person's internal ID as the value

  http://<hostname-api.sabacloud.com>/v1/organization?type=internal&q=(org_manager_id%3D%3Demplo000000000001000)

Use case

This enhancement opens up a new mechanism to allow services to integrate external content vendors with Saba.

xAPI

Updates to the LRS endpoint URL

How did it work?

Previously, the URL of the LRS endpoint was:

```
/v1/lrsapi
```

How does it work now?

The LRS Endpoint is now enhancement and the URL of the enhanced endpoint is:

```
v1/public/lrsapi
```

Note: The older URL of the LRS endpoint is now deprecated. We recommend using the new URL:

```
/v1/lrsapi
```

Use case

N/A