What's New

Saba Cloud | Update 44 | Jun 2019

Notice

Limitations on Warranties and Liability

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Contents

Change log

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

Table 1: Summary of changes

Version	Date	Change description	Functional area	Feature
1.0	20-May-2019	Initial version	N/A	N/A
2.0	28-May-2019	Updated topic	System / REST APIs	People APIs
		Updated topic	Analytics	Date range filters for built in reports
		Updated topic	Ecommerce	Responsive Check Out page supporting pass-through expenses and Quick Buy on page 89
		New topic	Analytics	User Population Summary
		New topic	Ecommerce	Audience type pricing support for private classes on page 80
		New topic	Remote Content Server	Remote Content Server 1.7
		Updated topic	Content	Modern content player
3.0	29-May-2019	Updated topic	UI Enhancements	Redesigned portlets on the Home or Dashboard page
		Updated topic	UI Enhancements	Deprecated portlets on page 33
		New topic	UI Enhancements	Updates to the branding with the tile style menu enabled
		Removed topic	Marketplace	Connector for TalentLink
4.0	30-May-2019	Updated topic	UI Enhancements	Redesigned portlets on the Home or Dashboard page
		Topic removed	System	Enhancements to role reconciliation
5.0	12-Jun-2019	Updated topic	Social	Enhancements to Filters and Contribute feature on Home Page Activity Stream
		Updated topic	Performance	New UI for performance reviews

Version	Date	Change description	Functional area	Feature
6.0	28-Jun-2019	Updated topic	Assessments	Export test questions
7.0	5-Jul-2019	New topic	Content	Increased SCORM 1.2 suspend data limit

New features at a glance by functional area

The following table summarizes the list of features introduced in the June 2019 release and their potential impact on your environment.

Notes:

- **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 an applicable service, setting, and so on.
- 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
UI Enhancements	Redesigned portlets on the Home or Dashboard page on page 26	Y				End user
	Deprecated portlets	Y				End user
	Responsive option support for the portlet layout on the homepage	Y				System admin End user
	Styling the canvas using CSS style tags	Y				System admin
	Turn on the classic tab menu on the Home or Dashboard page on page 35		System admin			System admin End user
	Updates to the branding with the tile style menu enabled	Y				System admin
Analytics	New Attributes NEW	Y				Analytics admin Analytics user
	Updated Attributes	Y				Analytics admin Analytics user
	Insights - Reports NEW	Y				Analytics admin Analytics user

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	User Population Summary NEW	Y				Analytics admin Analytics user
	Enhancements to the user inter~ face NEW					Analytics admin Analytics user
	Support for multi-component custom fields in custom dimen~ sions NEW	Y				Analytics admin Analytics user
	Donut chart NEW	Y				Analytics admin Analytics user
	GeoMap chart	Y				Analytics admin Analytics user
	Area chart NEW	Y				Analytics admin Analytics user
	Date range filters for built in reports	Y				Analytics admin Analytics user
	Insights in the flow of work NEW	Y				Analytics admin Analytics user Catalog admin Manager
	New privilege to control report~ ing features for sensitive data	Y				Analytics admin Analytics user System admin
	Set the default tab or view for the Analytics homepage	Y				Analytics admin Analytics user
	Country filters as pickers for built in reports NEW			Y		Analytics admin Analytics user

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Hide Person protected fields		Y			Analytics admin Analytics user Manager
	Control decimal places for user profile custom section attribute		Y			Analytics admin Analytics user
Data Integ~ ration	Enhancement to privileges to do bulk import	Y				System admin
	Enhancements to Course data import feature	Y				System admin
	Data import support for Pack~ ages NEW	Y				System admin
	Record-Level-Delete option available for additional objects	Y				System admin
	Import learning categories us~ ing bulk data import NEW	Y				System admin
	Bulk content import enhance~ ments	Y				System admin
	Mandatory field added to certi~ fications and curricula associ~ ation for the Role import	Y	System ad~ min			System admin
	New data import for impres~ sions NEW	Y				System admin
	Provide Export and Import capability for ACL and Data Extract Queries	Y	System ad~ min	Y		System admin
	Associate badges with tran~ scripts and ad hoc transcripts data import		System ad~ min			System admin, Learning admin
	Associate skills with a cur~ riculum data import	Y				System admin
E-com~ merce	My Rewards and My Wallet pages are now responsive	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
	Audience type pricing support for private classes	Y				Catalog adminis~trator
	Responsive Check Out page	Y	Catalog ad~min			Catalog admin System admin End user
	New course and class details page with ecommerce options	Y				End user Registrar
	Add variable pricing for private class	Y	Catalog ad~min			Catalog admin End user
Learning	Export test questions NEW	Y				Assessment ad~min
	Increased character limits for assessment questions	Y				Assessment ad~min
	Support for NGINX 1.14.2	Y				All
	Modern content player NEW		Content ad~min			All
	Import additional attributes for OpenSesame content	Y	Market~place ad~min			Content admin
	Support image URLs to pull images from content vendors NEW	Y				Content admin End user
	Increased SCORM 1.2 suspend data limit	Y				End users
	New named queries to notify mandatory learning NEW	Y	System ad~min			End user Manager Org manager Alternate man~ager

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Changes to notification events and named queries for classes	Y	System ad~ min			End user
	New notification for discontin~ ued courses NEW		System ad~ min			End user
	New notifications for class commencement reminders NEW		System ad~ min			Managers
	Override checklist evaluators from quick course wizard	Y				Learning admin
	Enhanced privilege check for learning badges	Y				HR admin
	Enhanced sorting for session-based classes	Y	System ad~ min			End user
	Display correct completion date for scheduled classes	Y				End user
	Merge learning badge assign~ ments during profile merge	Y	People ad~ min			End user
	Enhancements to the Roster Sign-in sheet	Y				Instructor
	Enhancements to certificate templates	Y	Learning admin			End user
	Changes to class completion policy behavior		System ad~ min			Learning admin
	Changes to setting description for enabling order custom fields		System ad~ min			Learning admin
	Export certificate of completion for past course completions	Y				End user
	Associate skills with certifica~ tions and curricula NEW	Y	Learning admin			End user
	Set a category as primary for a learning item NEW		System ad~ min			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
	Add viewer role for simple survey NEW	Y				Pulse adminis~trator End user
	Configuration changes for en~hanced course and class details pages		System ad~min			End user
	Support class deeplinks on the enhanced class details page	Y				End user
	Support all registration actions on the enhanced class details page	Y				End user
	Checklists available from en~hanced class details view NEW		System ad~min			End user
	Tasks available from enhanced class details view NEW		System ad~min			End user
	Content items available from enhanced class details view NEW		System ad~min			End user
	Simplified course creation en~hancements	Y				End user Local Catalog Admin
	Catalog administrators can cre~ate and manage simplified courses NEW	Y				Catalog admin
Market~place	Connector for Udemy for Business		Market~place ad~min			Marketplace ad~min
	Connector for ADP Workfor~ceNow NEW		Market~place ad~min			Marketplace ad~min
	Enhancements to the LinkedIn Learning connector	Y	Market~place ad~min			Marketplace ad~min, Learning admin

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	Certain connector card labels have been updated	Y	Marketplace admin			Marketplace admin
	Preview feature is available for ADP connectors NEW	Y				Marketplace admin
	LinkedIn job posting API has been upgraded	Y				Marketplace admin
People	Log all changes made during termination cleanup step		System admin			People admin, System admin
	Hide learning plan and completion page from administrators on profile view		System admin			system admin, User, Manager, HR Partner
	Enhanced spoken language section on profile page	Y				System admin, End user
	Option to differentiate between admins when determining ACL security NEW	Y				System admin, ACL admin
	Profile PDF in sync with person profile	Y				People admin, user
	Changes to Person custom field on Me>Profile page	Y				User
	Improvements on Grid Custom section	Y				People admin, user
	Provide options to add and delete attachments by a manager	Y				Manager
	Enhancement to Profile Merge and Profile Transfer feature	Y				People admin
	Unused actions are deleted from Notification Events					People admin
Performance	New UI for performance reviews NEW BETA		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
	New enhancements for changing Review Owner in the new UI NEW BETA		System Admin			Admin End user Manager
	Changes to suggested comments in the new UI NEW BETA		System Admin			Admin End user Manager
	Changes to accessing the review from Performance Admin NEW BETA		System admin			Admin
	New way of viewing forms in the new UI NEW BETA		System Admin			End user
Pulse 360	Filter closed surveys	Y				Pulse admin
	Include or Exclude terminated users from Pulse Dashboard and Heat Map NEW	Y	System admin			Pulse admin System admin
	Managers can view pulse score of team members' direct and indirect teams NEW	Y				Manager
	Set reminders for users to take the pulse survey NEW	Y	System admin			System admin End user
Recruiting	Pagination support on the Manage I-9 Verifications page	Y				Recruiting admin
Remote Content Server	Remote Content Server 1.7			Y		Content admin End user
REST APIs	People APIs	Y				Developer
	APIs for Packages NEW	Y				Developer

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
	API for Pulse	Y				Developer
	New search criteria for searching enrollments	Y				Developer
	APIs for Package Order NEW	Y				Developer
	API for Canceling an Order NEW	Y				Developer
	Additional fields for Certification and Curriculum APIs NEW	Y				Developer
	APIs for uploading images for learning objects	Y				Developer
Saba Video	Saba Video bookmarking support for IE and Edge	Y				End user
Social	Enhancements to Filters and Contribute feature on the Home page Activity Stream	Y				End user
	Access Quick Share from Downloads page	Y				End user
System	Profile MicroApp enhanced for the new user experience	Y				System admin
	TIM recommends courses from content vendors	Y				End user
	Landing page for a microsite NEW	Y				System admin
	Digitally sign emails					System admin
Talent	Audit trail on Bench view and Talent Profile	Y				Talent admin
	Enhancements to the n-box filters	Y				Talent admin Manager
	View candidates profile card from talent pool	Y				Talent admin Manager

Functional area	Feature	Enabled by default?*	Requires admin setup	Submit a Support ticket to enable	Affects existing configuration or data	Affected audience
Walk~ throughs	New Walkthroughs NEW		System ad~ min			Learning admin

Chapter 1

UI enhancements

Topics:

- Redesigned portlets on the Home or Dashboard page
- Deprecated portlets
- Responsive option support for the portlet layout on the Home page
- Styling the canvas using CSS style tags
- Turn on the classic tab menu on the Home or Dashboard page
- Updates to the branding with the tile style menu enabled

This section includes topics to guide you through new features and enhancements to the Saba Cloud user interface.

Redesigned portlets on the Home or Dashboard page

How did it work?

In the last update, Saba Cloud rolled out a new and improved user experience (UX). The new layout is simple, clean, and responsive with an aim to simplify the desktop experience. The responsive UX is optimized for a variety of screen sizes and resolutions. The new UX in Update 43 showed all portlets but only the highest used portlets were rewritten in the responsive framework.

How does it work now?

The following portlets are now redesigned and introduced on the Home page in the new user experience with a new look and feel. You set the portlets you want on your Home page from the Profile menu > **Configure Home**. See "Configure the User Interface."

Important: If you have already migrated to the new user interface, you will notice that some portlets have been redesigned in this release. You must add them to the Home page to make them available again. If you have not yet migrated to the new UI, all portlets must be added to new Home page. No portlet configuration will be brought over from old Home Page. The redundant or less used portlets have been deprecated. See Deprecated portlets for more information.

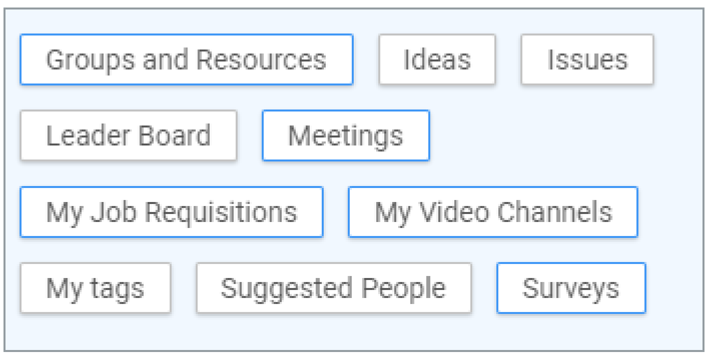


Figure 1: Updated portlets

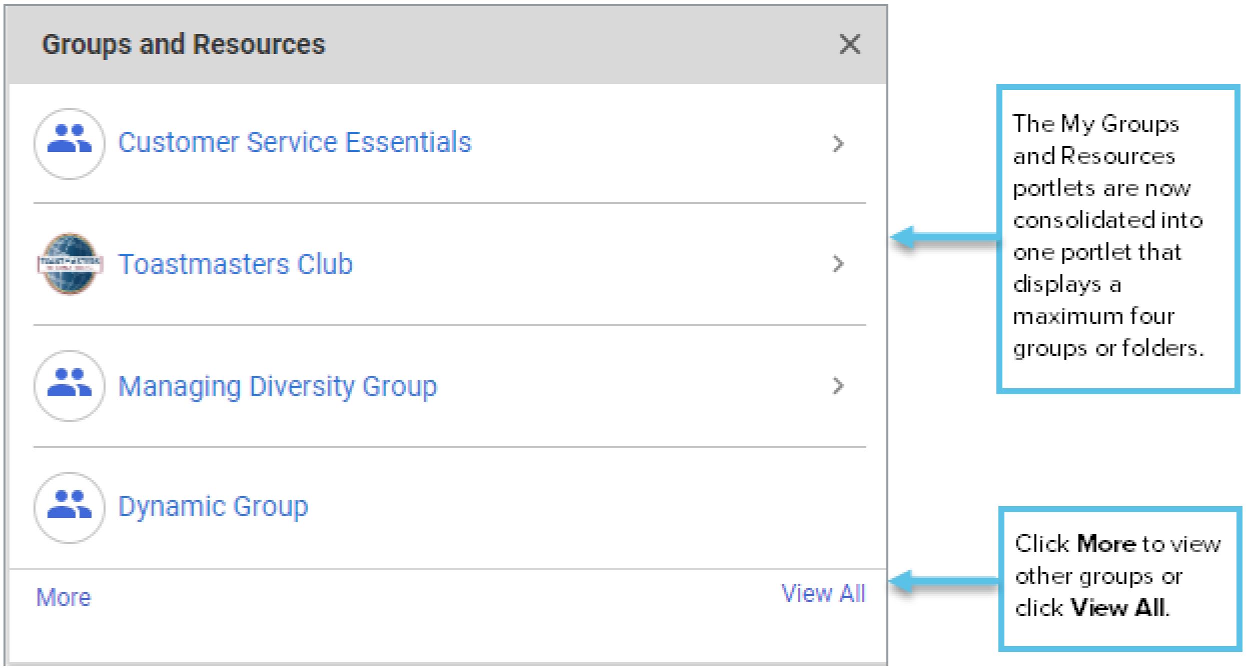


Figure 2: Groups and Resources portlet

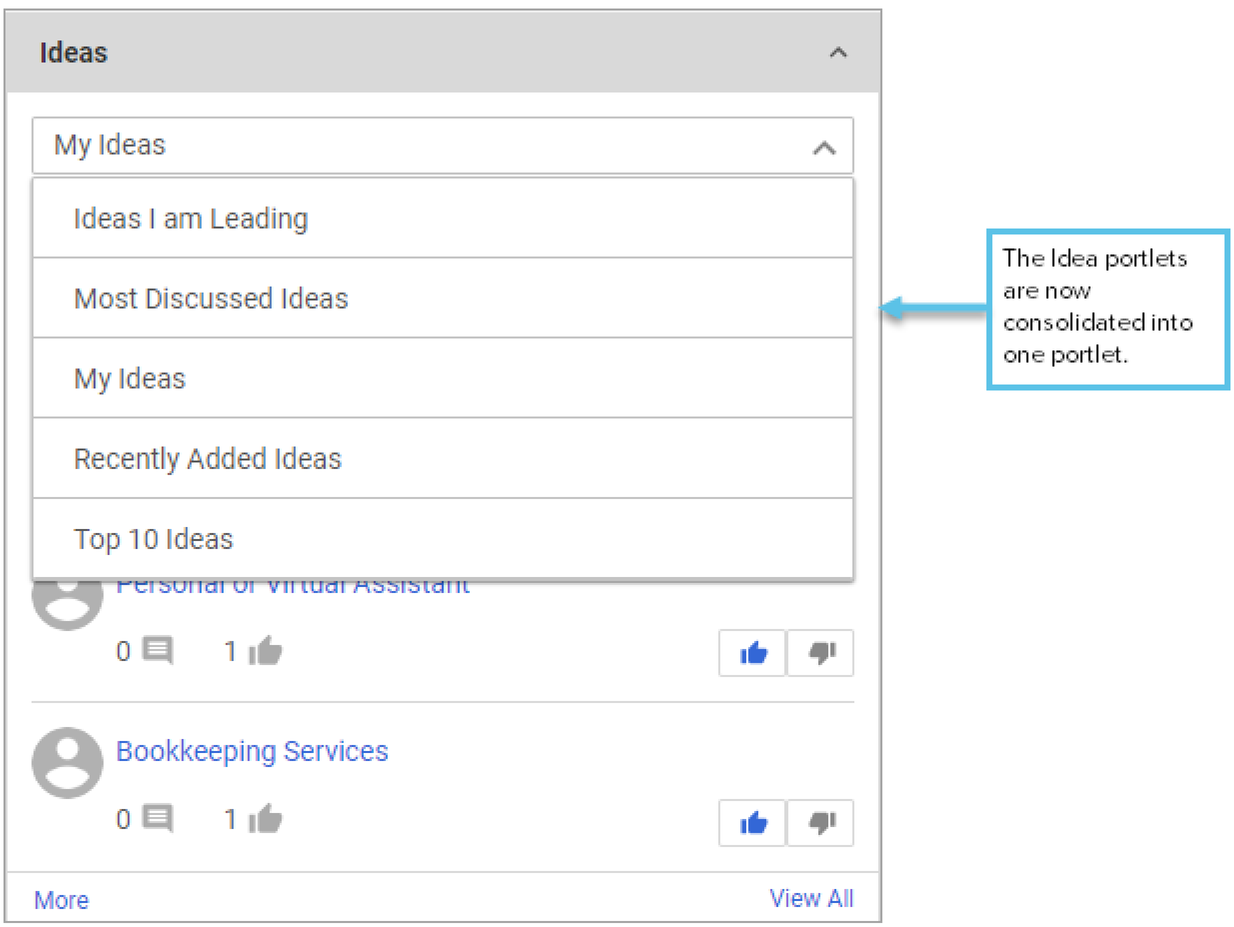


Figure 3: Ideas portlet

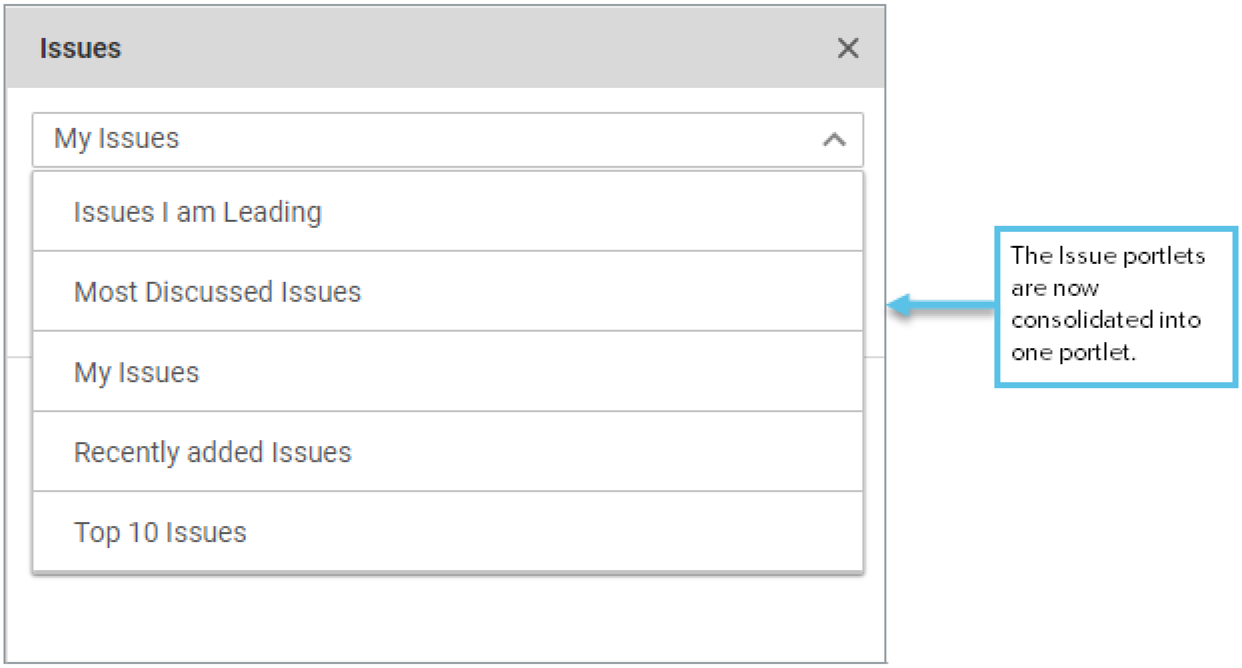


Figure 4: Issues portlet

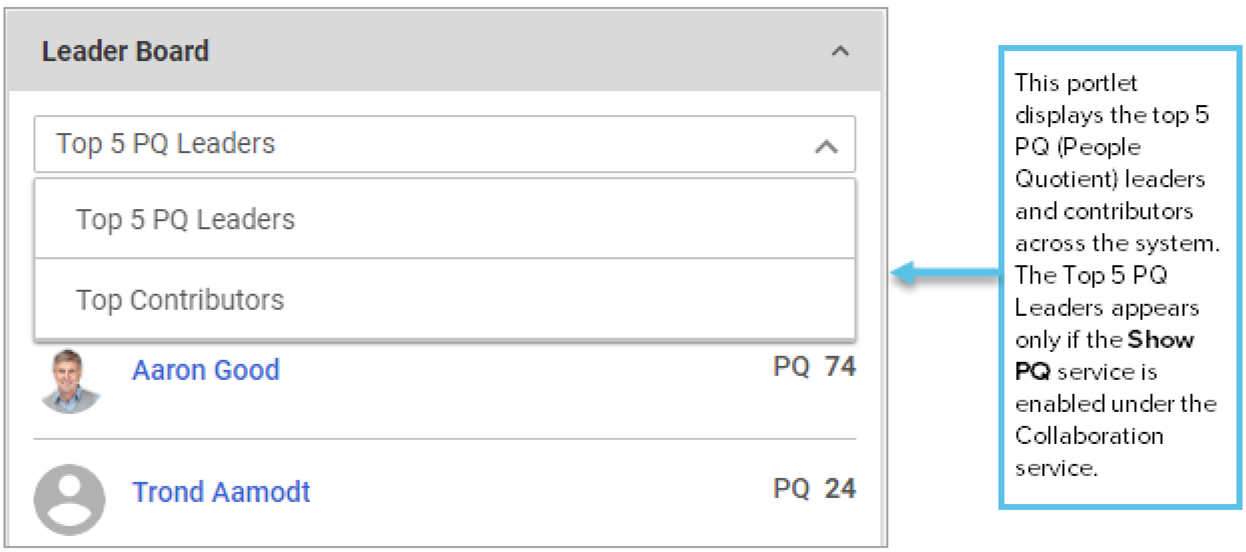


Figure 5: Leader Board portlet

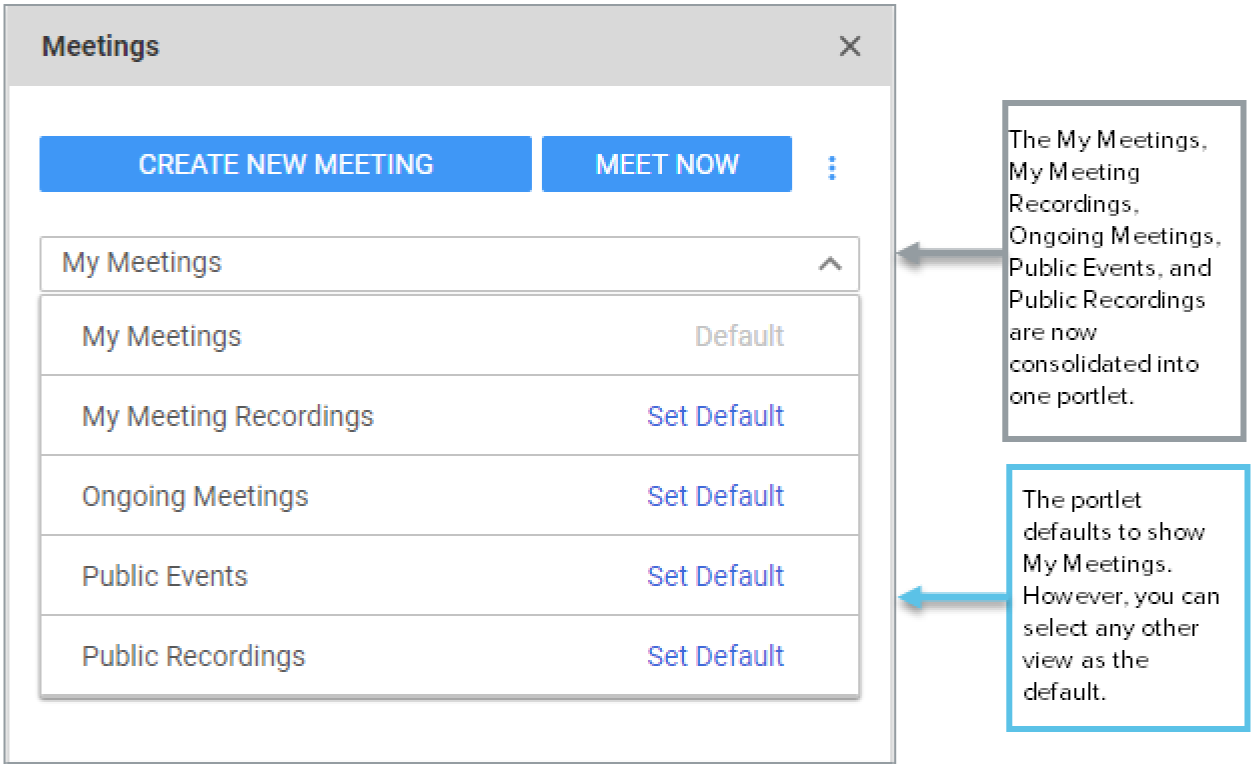


Figure 6: Meetings portlet

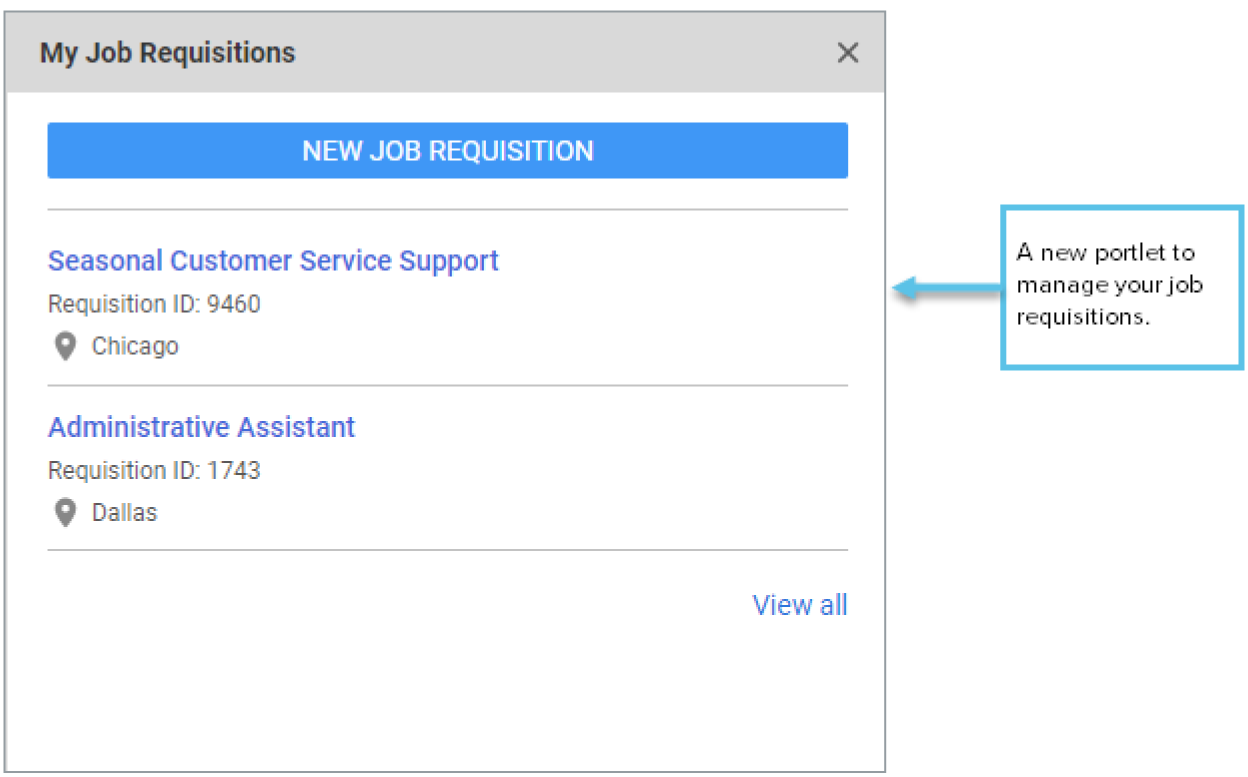


Figure 7: My Job Requisitions portlet

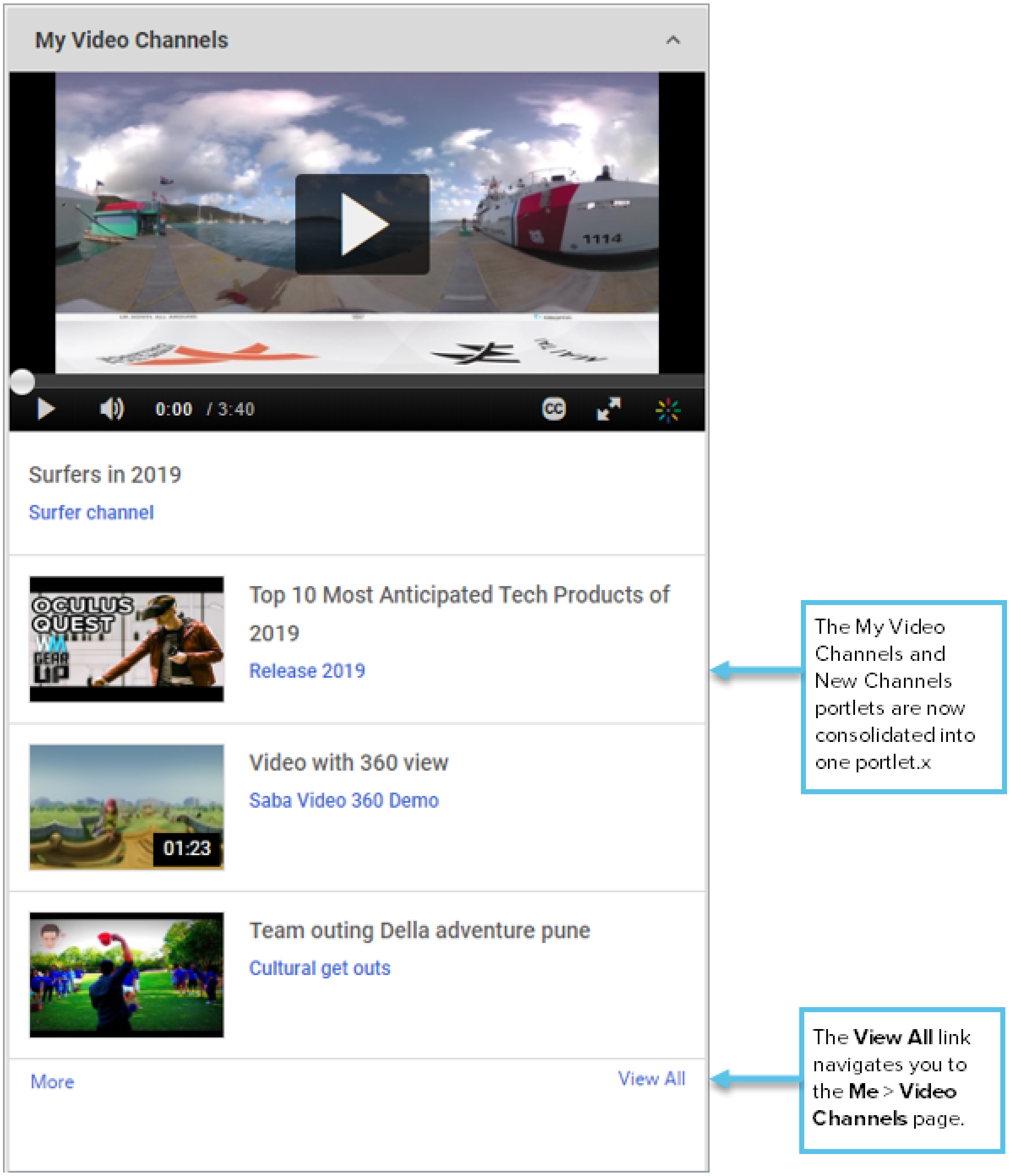


Figure 8: My Video Channels portlet

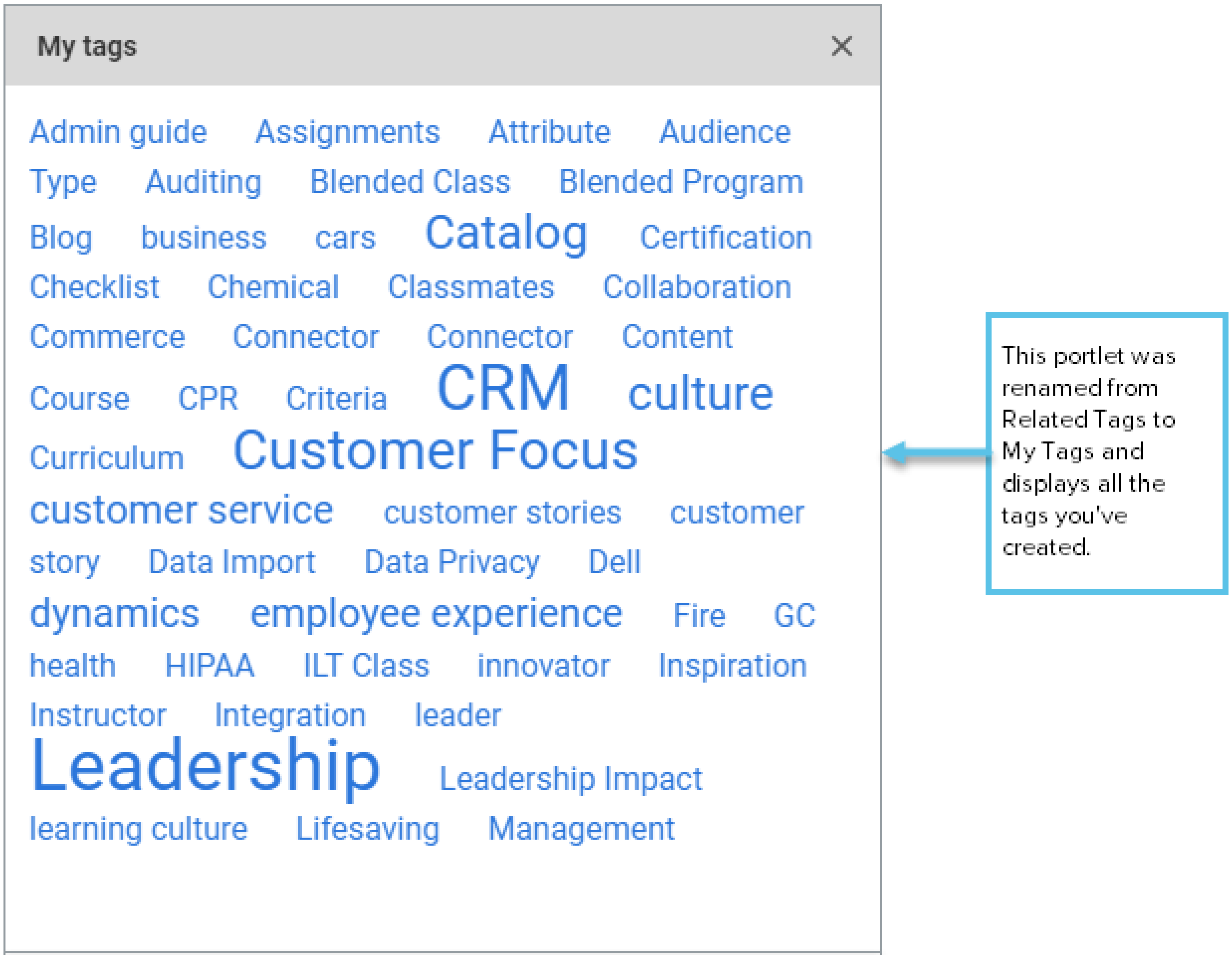


Figure 9: My Tags portlet

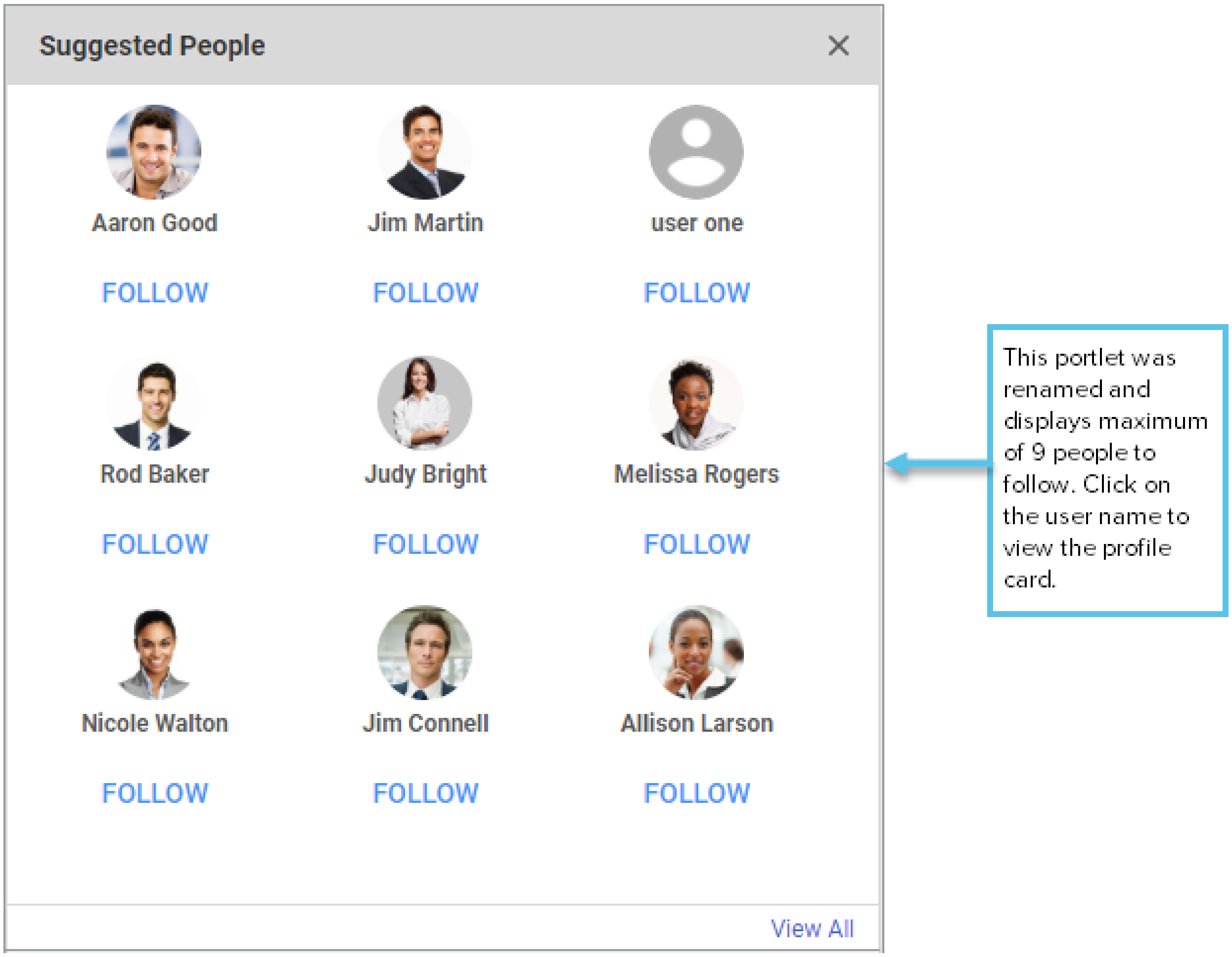


Figure 10: Suggested People portlet

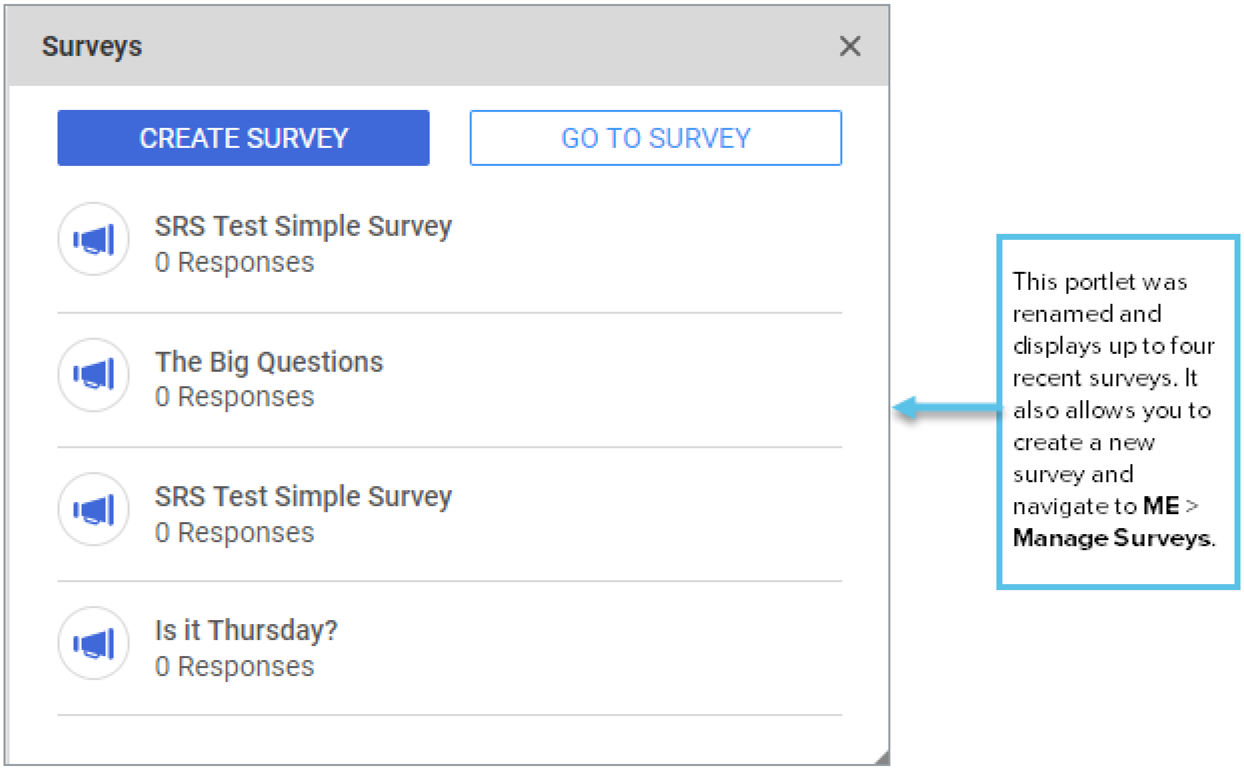


Figure 11: Surveys portlet

Deprecated portlets

How does it work now?

Saba Cloud rolled out a new and improved user experience (UX), which is simple, clean and responsive with an aim to simplify the desktop experience. To have a simplified and cleaner Home or Dashboard page, the redundant or less used portlets have been deprecated and some are redesigned.

Table 3: Deprecated portlets

Deprecated portlets	New Access Points
Browse	You can use the **Browse** drop-down menu to access the desired resources.
Featured	You can access featured categories using the **Browse** drop-down menu.
My Conferences	Navigate to **ME** > **Conferences** to access your subscribed conferences.
My Collections	You can click **Collections** in the header to access your collections.

Deprecated portlets	New Access Points
My Discussions	In the **Activity Stream**, you can use the **Discussion** filter from **TYPE** to view your discussions.
My Contributions	In the **Activity Stream**, you can use the **My Contributions** filter from **FOR ME!** to view your contributions.
My Activity	Navigate to **ME** > **Activity** and view your activities in the Activity Stream.
New Video Channel	Navigate to **ME** > **Video Channel** to create new channels.
New Groups	Navigate to **ME** > **Groups** to create new groups.
Participate	In the **Activity Stream**, you can use the **My Contributions** filter from **FOR ME!**.
People I follow	Navigate to **ME** > **I'm Following** to view the list of people you are following.
Recently Updated Discussion Categories	Navigate to **Groups** and refer to the **Recent Discussions** portlet.
Recent Blog Post	In the **Activity Stream**, you can use the **My Contributions** filter from **FOR ME!** and **Blog** filter from **TYPE** to view your recent blogs.
Recently shared with me	In the **Activity Stream**, you can use the **Shared with you** filter from **FOR ME!** to view resources shared with you.
Workspace	Navigate to **ME** > **Workspaces** to access your workspaces.

Responsive option support for the portlet layout on the Home page

How did it work?

In the last update, Saba Cloud rolled out a new and improved user experience (UX). The new layout is simple, clean, and responsive with an aim to simplify the desktop experience. The responsive UX is optimized for a variety of screen sizes and resolutions. This new UX didn't support saving the portlet layout for different screen sizes and resolutions.

How does it work now?

In this update, you can now define and then save the portlet layout for different screen sizes and resolutions via the **Configure Home** or **Configure Dashboard** menu option. Each layout (such as the number of columns depending on the screen size or resolution) will now be saved separately and rendered depending upon the screen size or the resolution the user is on.

If you define and save the layout for a single column, then while rendering the layout to users, all the other layouts (beyond 1 column) will show a single column. However, if you define and save a 4-column layout, then other layouts (below 4 columns) are automatically adjusted.

Saba recommends keeping the portlets of larger width on the top and left and fill the remaining area with portlets of smaller width. For example, in a 4-column layout, you can have three columns first followed by two columns below that, and then place one column portlets on the right of the 3rd column.

Styling the canvas using CSS style tags

How did it work?

The system canvas and the announcements didn't support CSS style tags.

How does it work now?

Saba Cloud now supports CSS style tags in the Rich Text Editor for the Canvas and Announcements.

Note: This is only supported on Saba Cloud's new user experience.

Here's an example of the supported CSS style tags:

```
// style tags
<style>
....
</style>
```

Turn on the classic tab menu on the Home or Dashboard page

How did it work?

The last release did not support the classic tab menu (known as the IA menu) on the Home or Dashboard page.

How does it work now?

The new **Home** or **Dashboard** page now supports the classic tab menu (known as the IA menu) that appears along the top of the page instead of the new UI that shows these items in a left navigation menu. It is available under **System** >

Configure System > **Services** > **Foundation** > **User Interface**. Contact your System Administrator to enable or disable it.

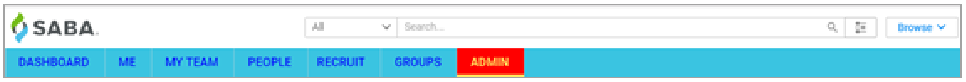


Figure 12: Classic tab menu along the top (IA menu)

Use case

This improves the usability by allowing the users to switch to the classic top navigation menu instead of the left navigation menu.

Updates to the branding with the tile style menu enabled

How does it work now?

The **Configure Branding** page has been updated to support branding changes for Saba Cloud's new user experience when the **Enable new tile style IA** setting under **System** > **Configure System** > **Services** > **Foundation** > **User Interface** is enabled.

You can change the values on this page as per your theme.

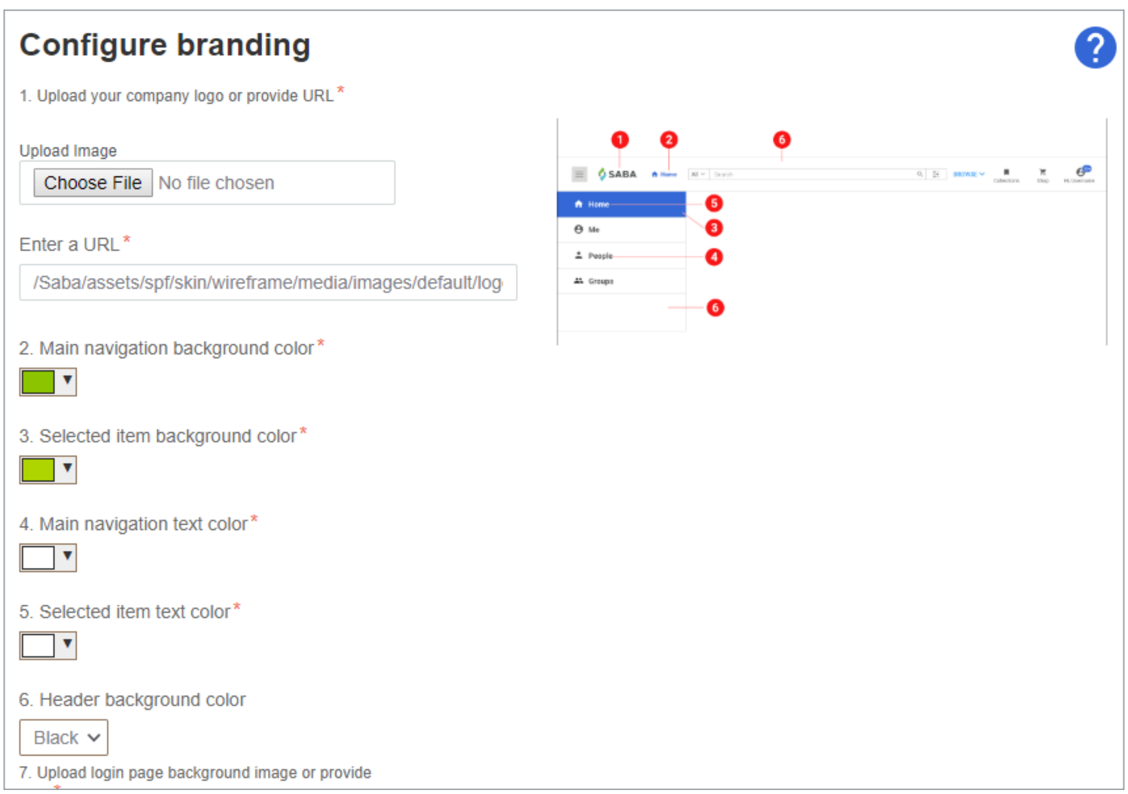


Figure 13: Configure Branding page

Chapter 2

Analytics

Topics:

This section includes topics to guide you through new features and enhancements under Analytics.

Enhancements to the user interface

As of now, Saba Analytics is available in both the user interfaces (old as well as new) with an option to switch the user interface. If you have switched to Saba Cloud's new user experience you automatically get Saba Analytics's new user interface. In addition to Saba Analytics's new user interface, you get:

- Analytics Insights
- New visualizations such as Donut chart, Area chart and GeoMap chart.

You also have an option to switch back to Saba Analytics's old user interface, in which case Analytics Insights and the new visualizations will not be available.

How does it work now?

The following are the enhancements to Saba Analytics's new user interface:

Note: These enhancements are available under Analytics (New Experience). To enable Analytics (New Experience):

- Enable **Analytics New Experience** under **Web Variables** via **System > Configure System > Microsite Properties**

Analytics now available under Me and My Team

The earlier update of Saba Analytics's new user interface didn't support Analytics under Me and My Team. In this update, employees and managers can use Analytics from:

- Me > Analytics
- My Team > Analytics

Support for Pivot table report

The earlier update of Saba Analytics's new user interface didn't support Pivot table reports under Analytics new experience. In this update, you can create and execute Pivot table reports.

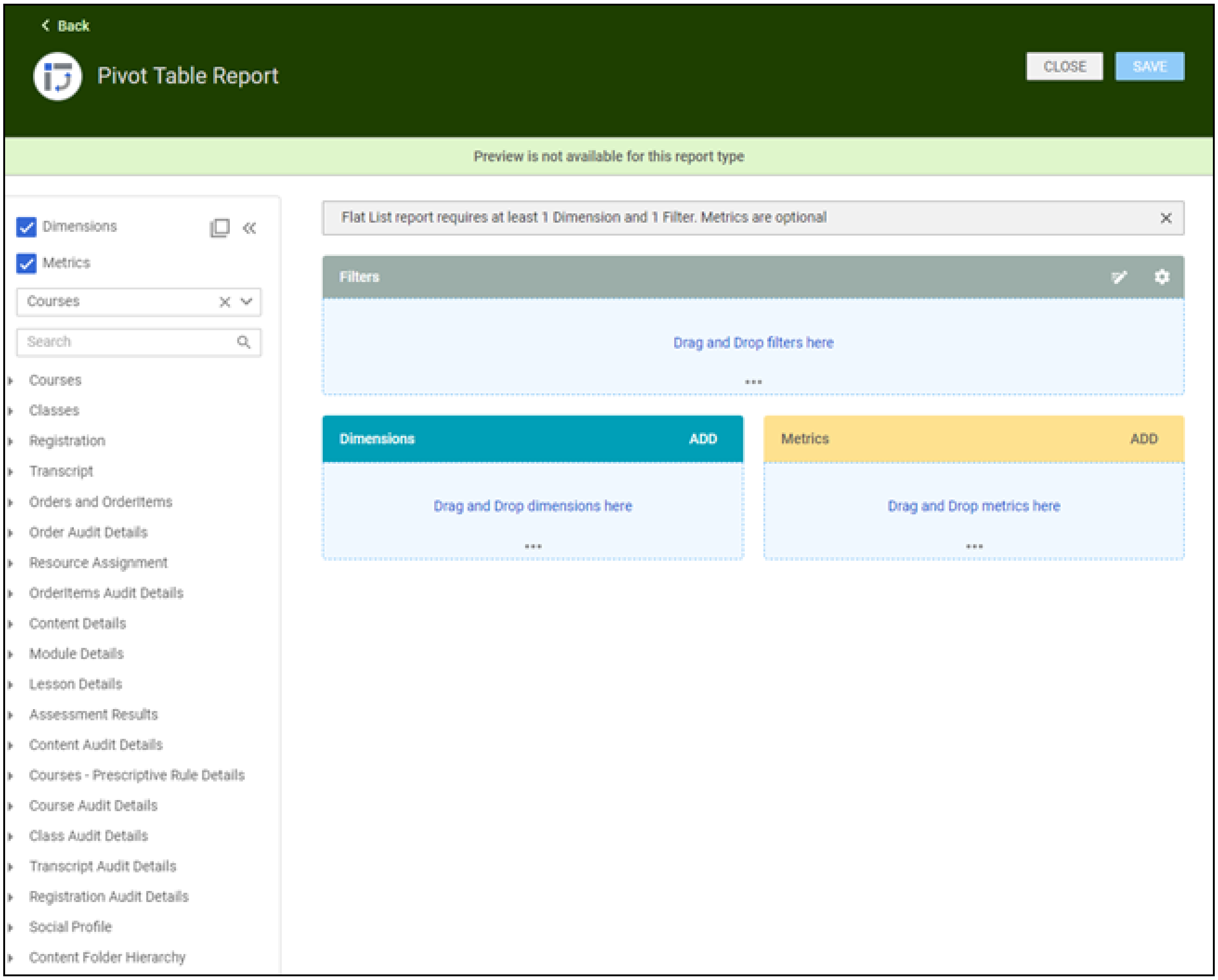


Figure 14: Pivot table report

Support for Demographic Questions filter

The earlier update of Saba Analytics's new user interface didn't support adding the **Demographic Questions** filter available under the **Pulse Custom Survey** and the **Anonymous Pulse Custom Survey** entities. This update now allows filtering report data based on response of the demographic questions. You can now pull this filter into a report.

Support for Insights for Hierarchy reports

The earlier update of Saba Analytics's new user interface didn't support **Insights for Hierarchy reports**. In this update, Insights are now supported.

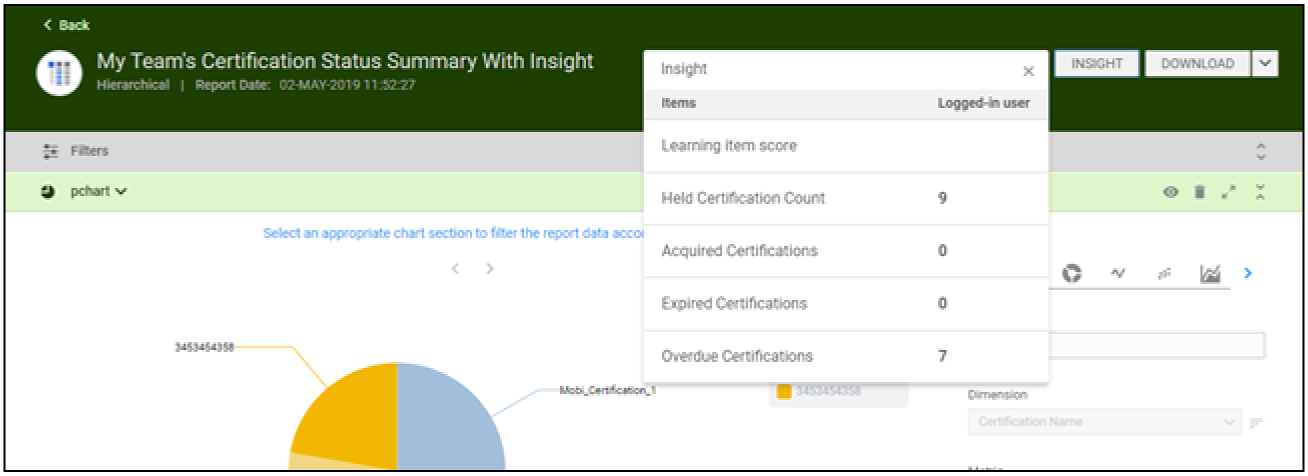


Figure 15: Insights

Support for Hierarchy Inline view

The earlier update of Saba Analytics's new user interface didn't support **Hierarchy Inline view**. In this update, it is now possible to toggle between the standard and the inline hierarchy data-grid view. You will now see an option called **Inline View** in a hierarchy report's execution screen.

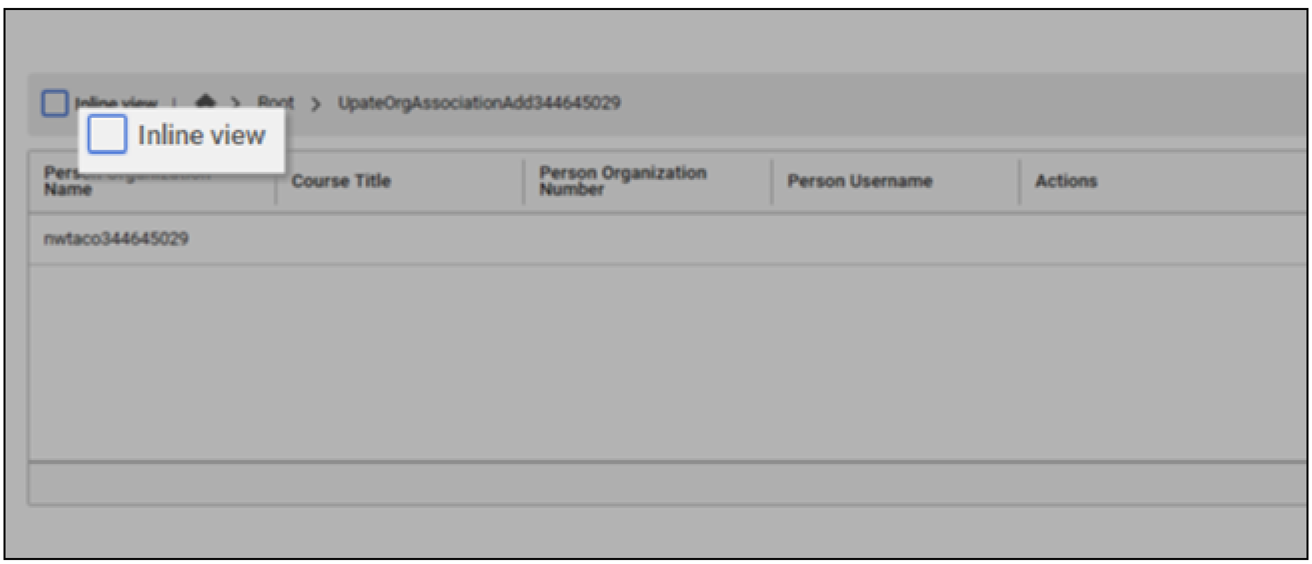


Figure 16: Inline view

Support for Settings and Statistics

The earlier update of Saba Analytics's new user interface didn't support configuring Saba Analytics. Settings and Statistics is now available under Analytics's new user experience.

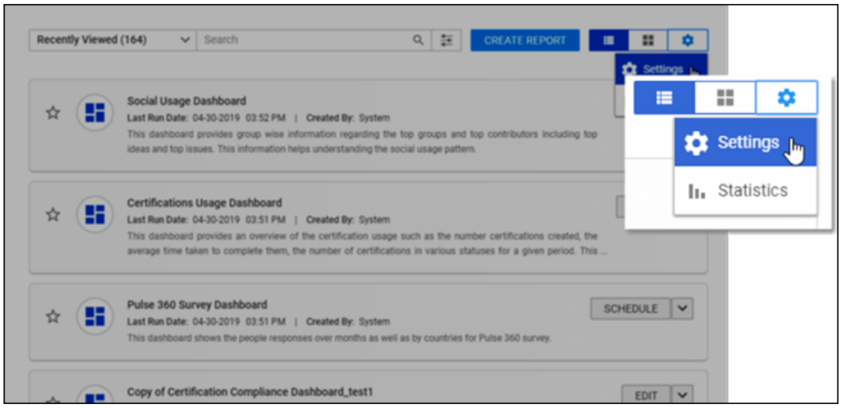


Figure 17: Settings and Statistics

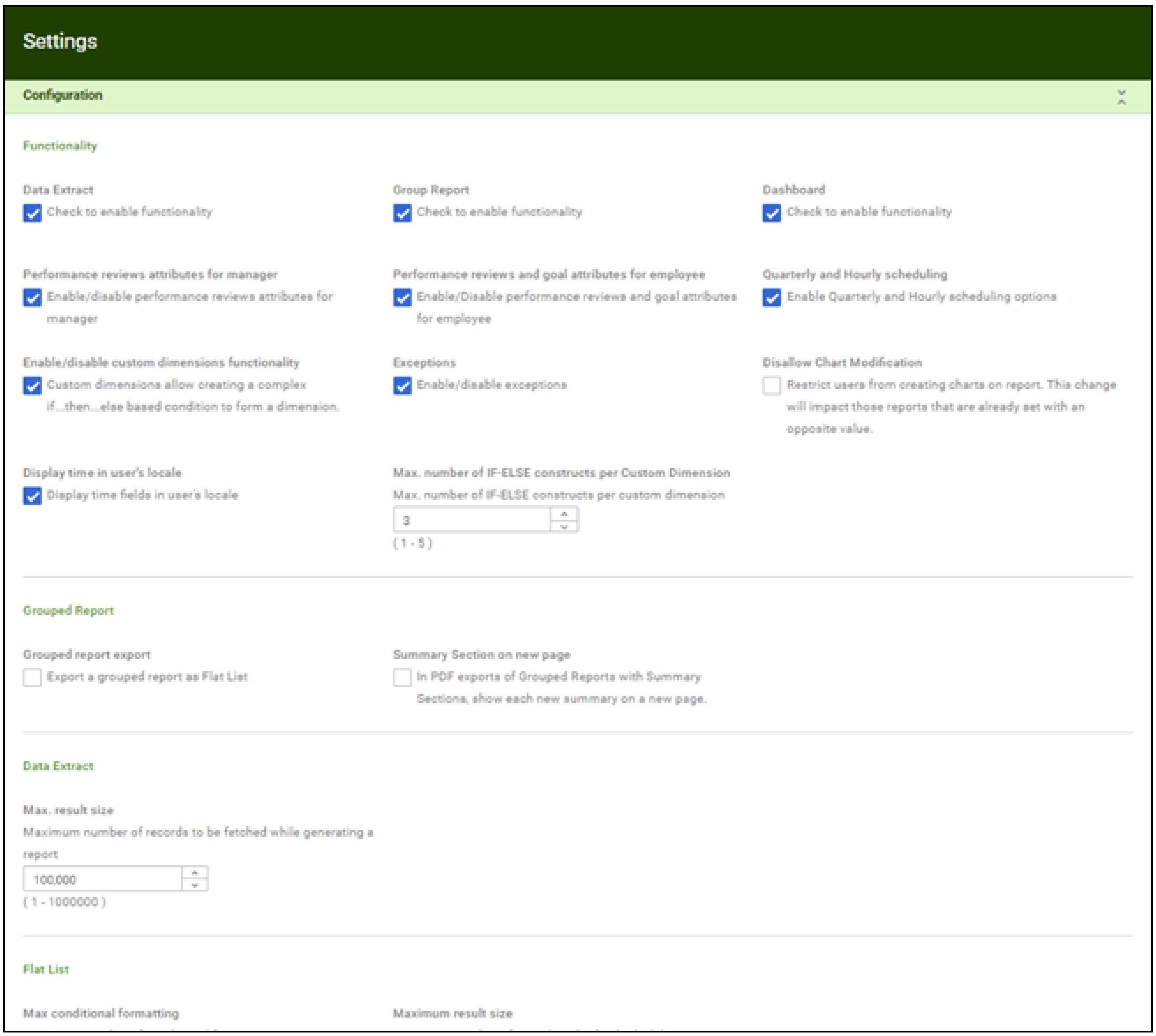
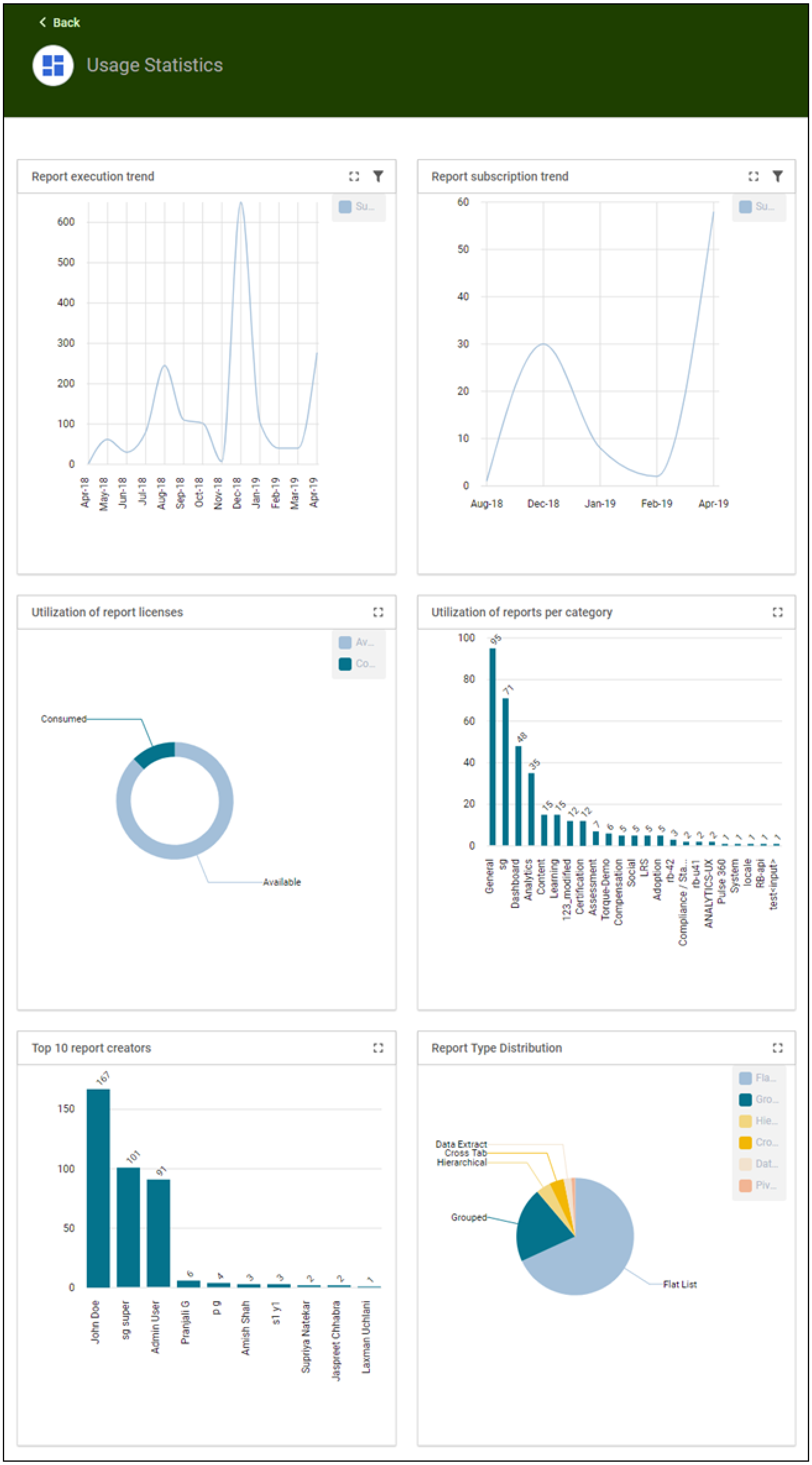


Figure 18: Settings



Back
Usage Statistics
Report execution trend
Report subscription trend
Utilization of report licenses
Consumed
Available
Utilization of reports per category
Top 10 report creators
John Doe
sg super
Admin User
Pranjali G
Amish Shah
Supriya Natekar
Jaspreet Chhabra
Laxman Uchlani
Report Type Distribution
Data Extract
Cross Tab
Hierarchical
Grouped
Flat List

Figure 19: Analytics Usage Statistics

The report authoring page

This update enhances the report authoring page.

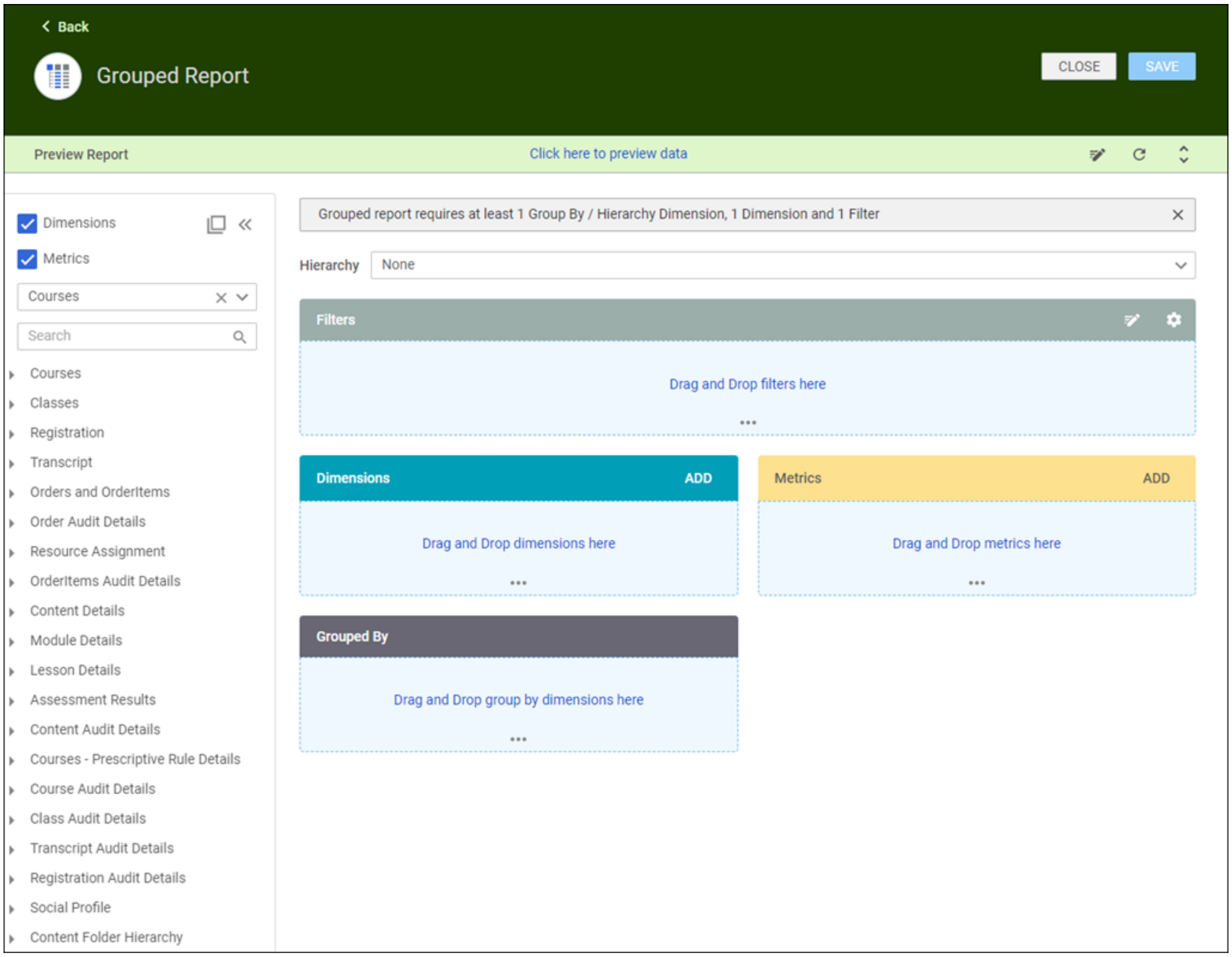


Figure 20: Build a Report

This update enhance the Analytics landing page.

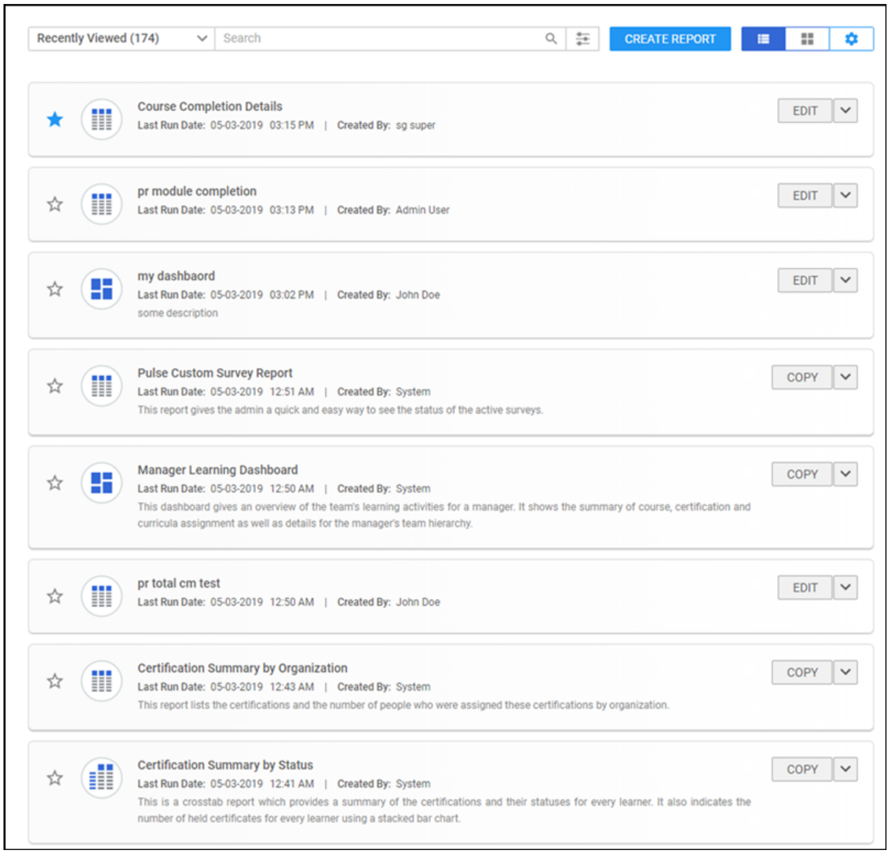


Figure 21: Analytics (List View)

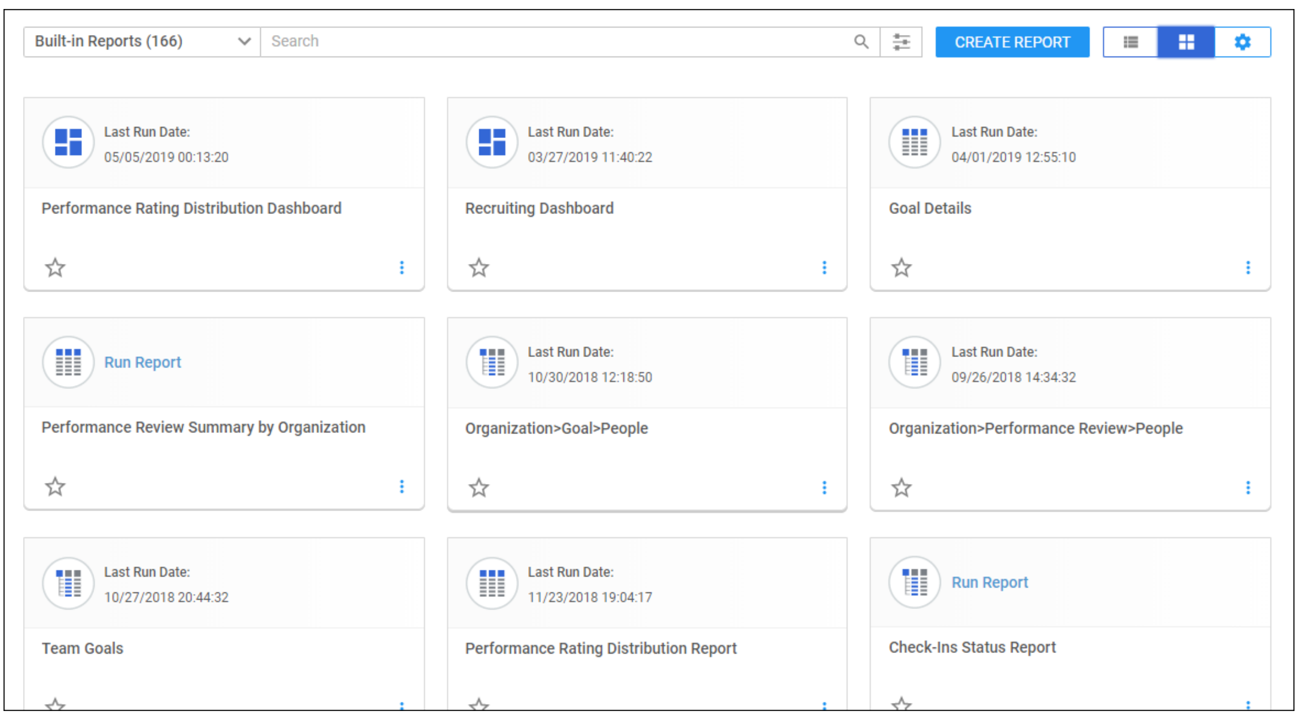


Figure 22: Analytics (Tile View)

This update enhances the report execution page.

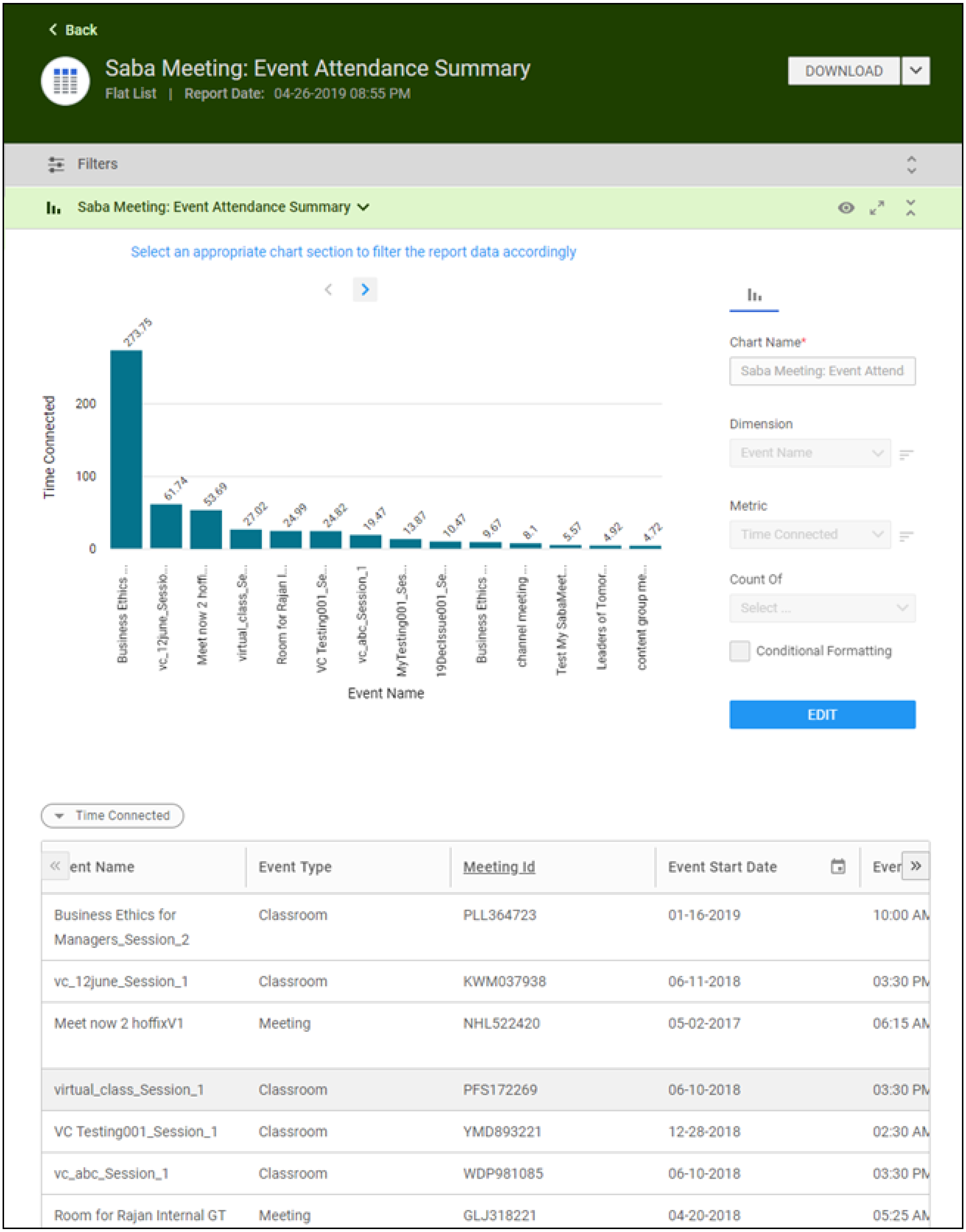


Figure 23: A Flat List Report

Dashboard does not allow creating a new chart

When using the new user experience, Dashboards no longer allow creating a new chart, however, you can continue to pull charts from the existing reports.

Updated Save Report dialog box

The Save Report dialog box now holds a fewer tabs as compared to the old UX. It does have the following tabs:

- Scheduling Information
- Theme

Once you save a report, you can schedule it or update the theme using the report's **Action** menu.

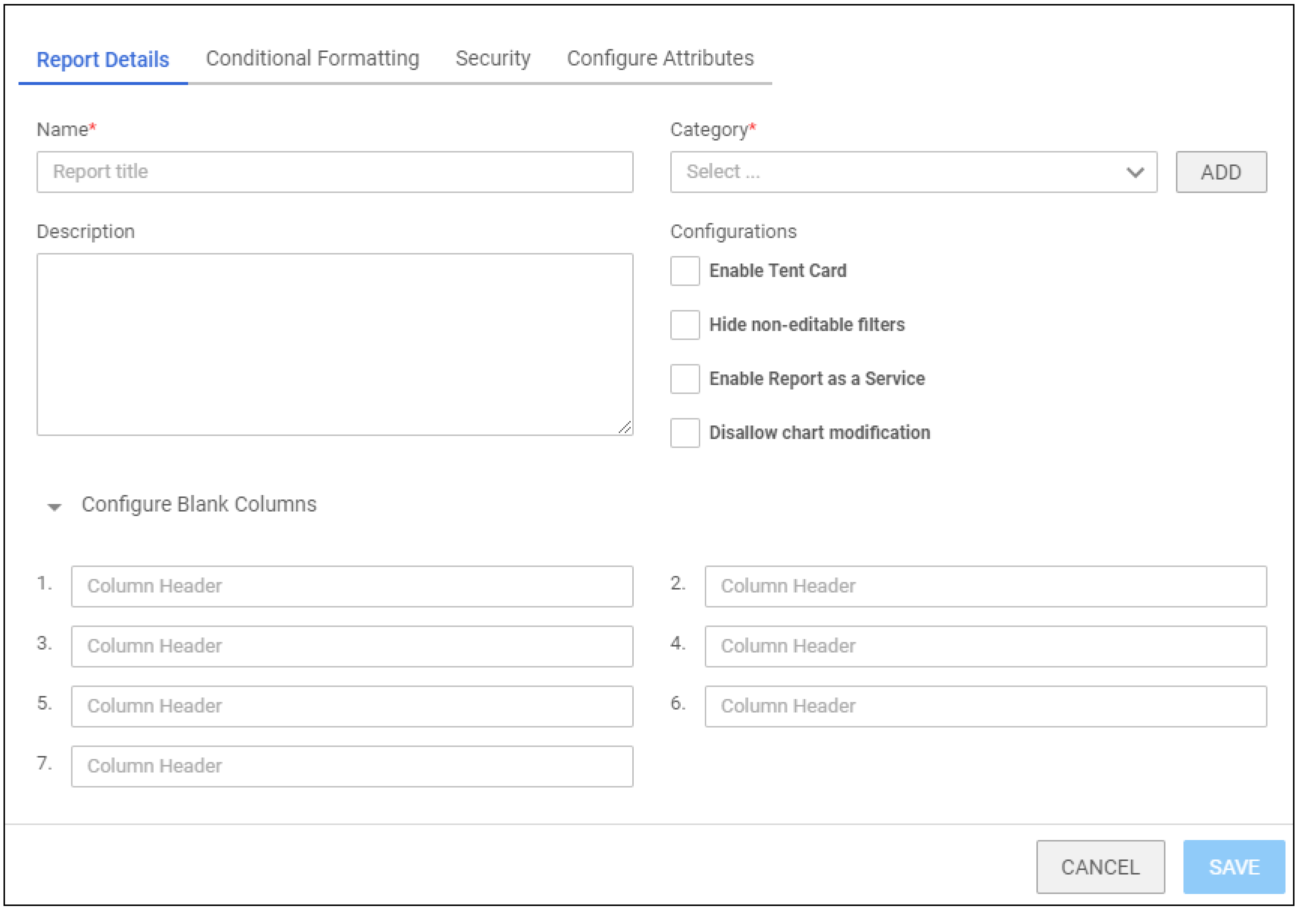


Figure 24: Save Report

New visualizations

Area chart

How did it work?

This is a new feature.

How does it work now?

Analytics now provides a new type of chart called Area chart. It conveys the magnitude of the trend across a typical time (usually), rather than focusing on an individual value of data points and enables a quick comparison between the different metrics at a glance by examining the area for the dimension or metric.

Note: This chart is only available in **Analytics New Experience**.

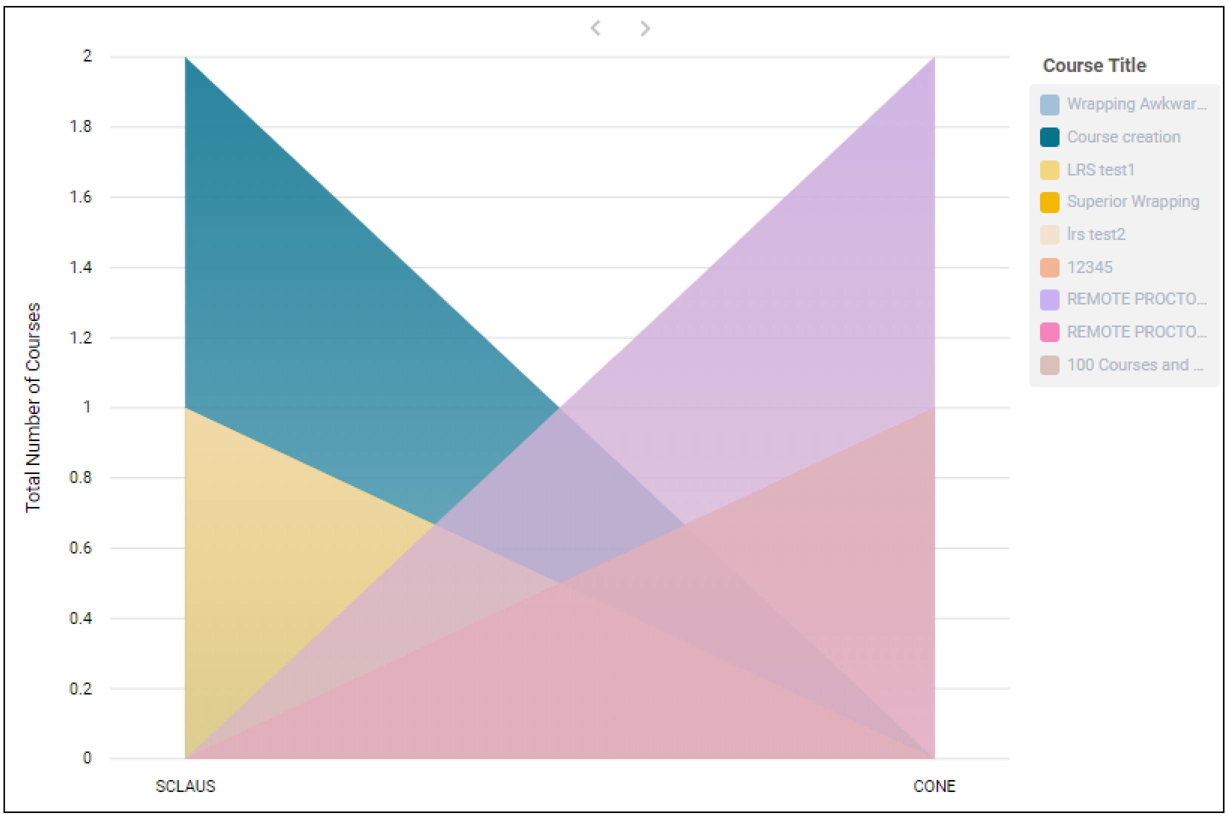


Figure 25: Area chart

Like the other charts, the Area chart also supports pagination, drill-down, time-range, and so on. It is available for selection wherever the charts that support axis and legend dimension are available.

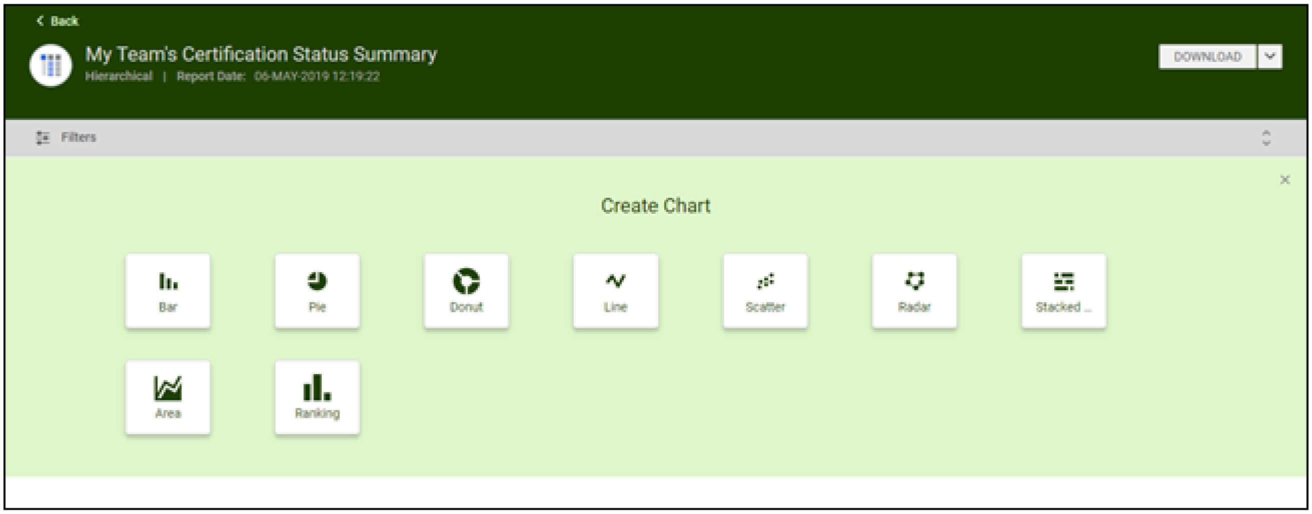


Figure 26: An Area chart

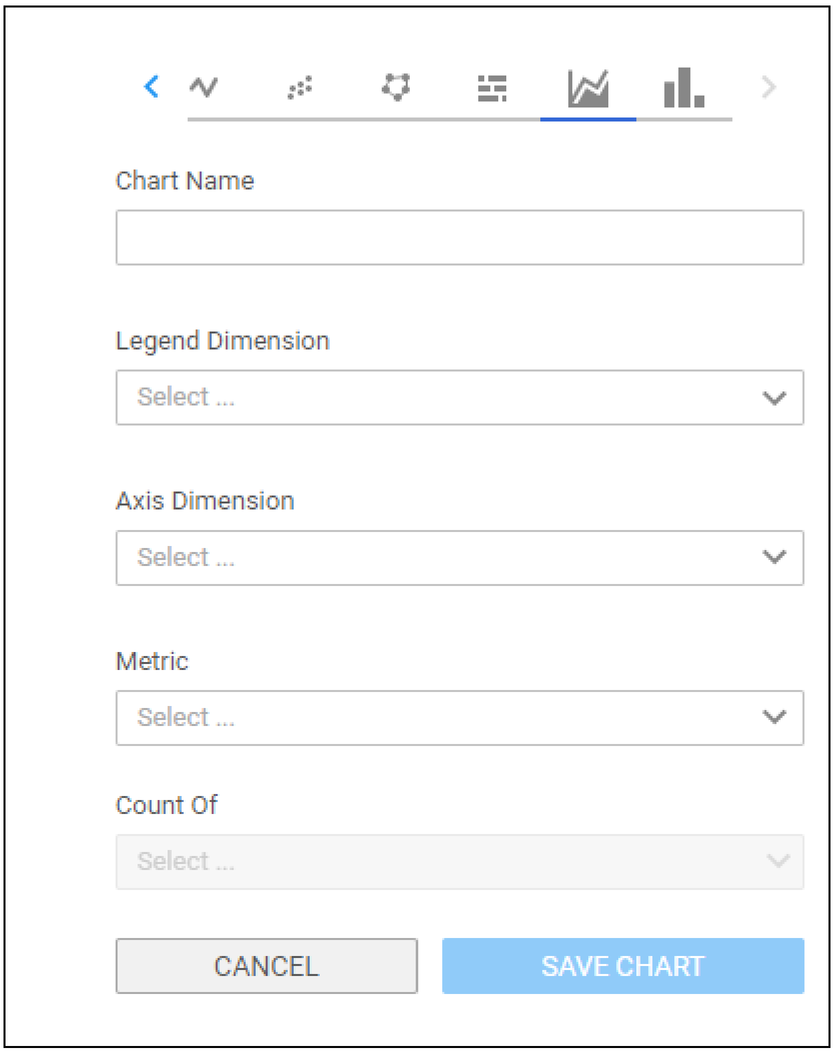


Figure 27: Configure an Area chart

Use case

Area charts would give another option for the user to get an idea about the trends for a specific report data set and would enable decisions based on inferences formed from analyzing area chart data.

Donut chart

How did it work?

This is a new feature.

How does it work now?

Analytics now provides a new type of chart called Donut chart.

Note: This chart is only available in **Analytics New Experience**.

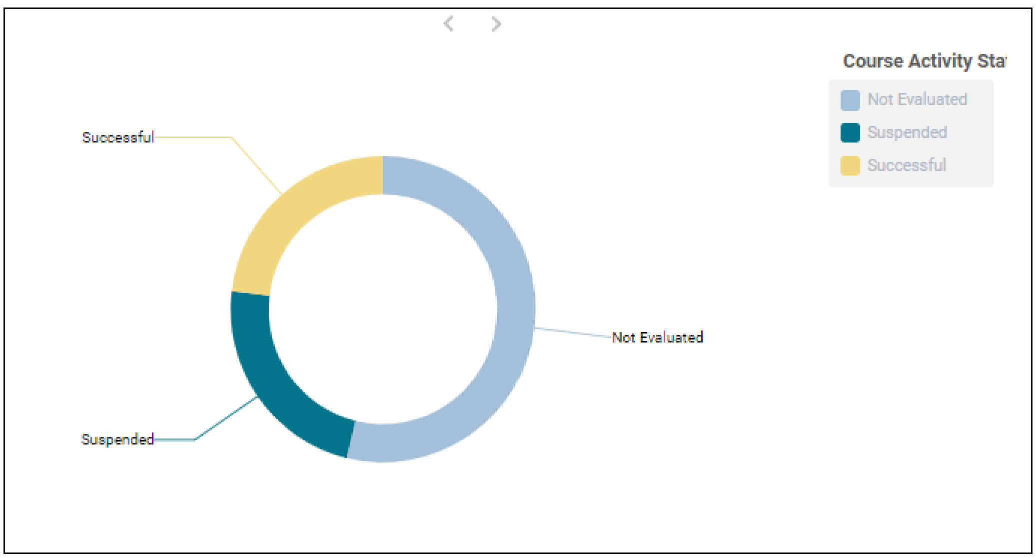


Figure 28: Donut chart

It has the following properties very similar to a Pie Chart.

1. It is a single metric, single dimension chart.
2. It can be sorted on dimensions as well as metrics.
3. All reports supporting a Pie Chart will support the donut chart.

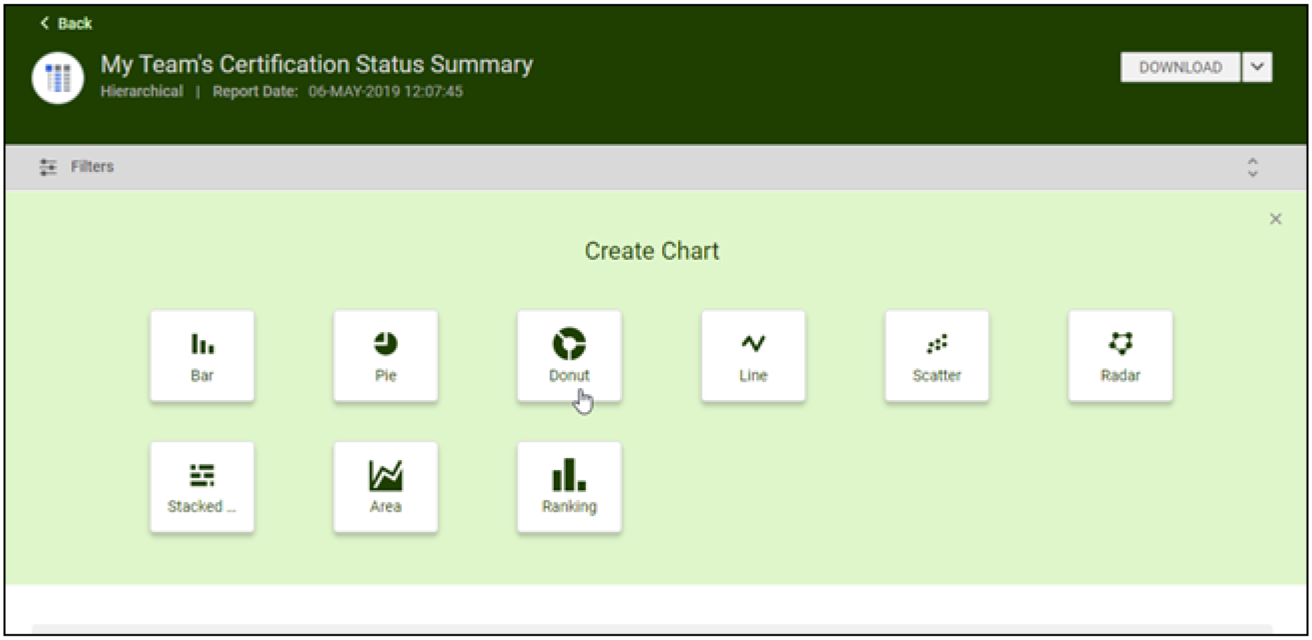


Figure 29: A Donut chart

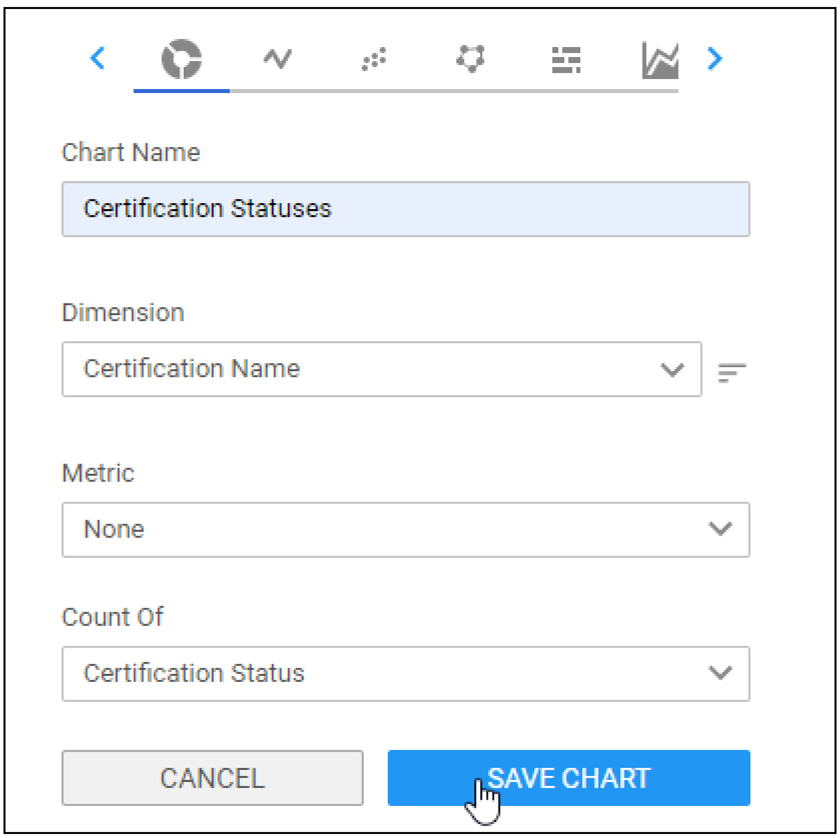


Figure 30: Configure a Donut chart

Use case

This enhancement adds to the available visualization choices.

GeoMap chart

How did it work?

This is a new feature.

How does it work now?

Analytics now provides a new type of chart called GeoMap chart. It provides a visualization of location-specific data shown over the global map.

Note: This chart is only available in **Analytics New Experience**. It is not available for dashboard module creation but only for pulled in charts. It is also not available in PDF exports.

This chart is only available when there is at least one metric present in the report.

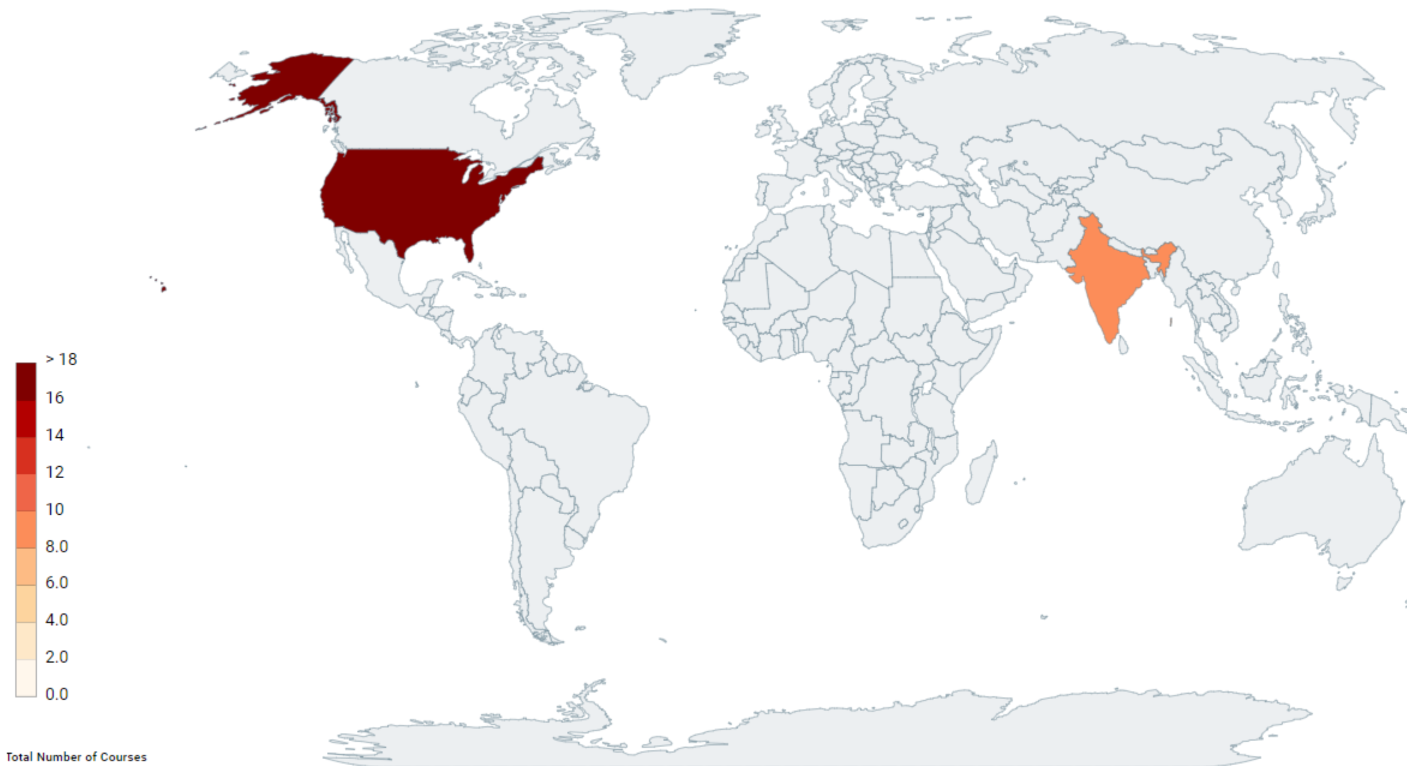


Figure 31: GeoMap chart

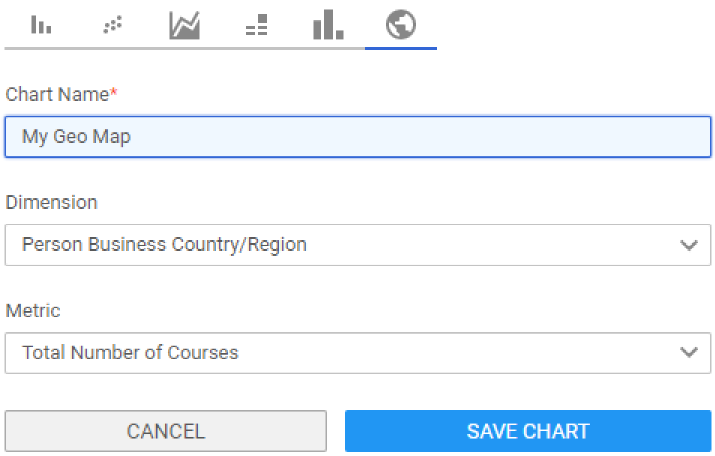


Figure 32: Configure a GeoMap chart

Note: To create a GeoMap chart, the report needs to have attributes representing a country such as Person country, Person business country, and so on.

Use case

This enhancement adds to the available visualization choices.

Framework enhancements

Country filters as pickers for built-in reports

How did it work?

Country fields in Analytics were plain text input fields where users had to manually enter the country name when used as a filter. Due to this, there were possibilities that the reports did not retrieve all the data required.

How does it work now?

The country filters now provide a picker to choose a country instead of making users manually enter the country name.

Note: By default this feature is disabled. To enable this feature, contact your Analytics admin.

Control decimal places for user profile custom section attribute

How did it work?

In Analytics, user profile custom section attributes of Real datatype display 2 places after the decimal.

How does it work now?

In this update, it is now possible to configure the decimal places for the user profile custom section attributes.

Note: To enable this configuration, the Analytics admin needs to first enable **Enable configuration for User Profile Custom Section Real attribute scale**, under **Settings**.

After this configuration is enabled, the Analytics admin will see an additional configuration called **User Profile Custom Section Real attribute scale** under **Analytics** > **Settings**. The Analytics admin can use this configuration to specify how many places (starting from 3 up to 5) after the decimal should be displayed.

Date range filters for built in reports

How did it work?

The date filters for the built in reports in Analytics used Greater Equal and Less Equal as the operators.

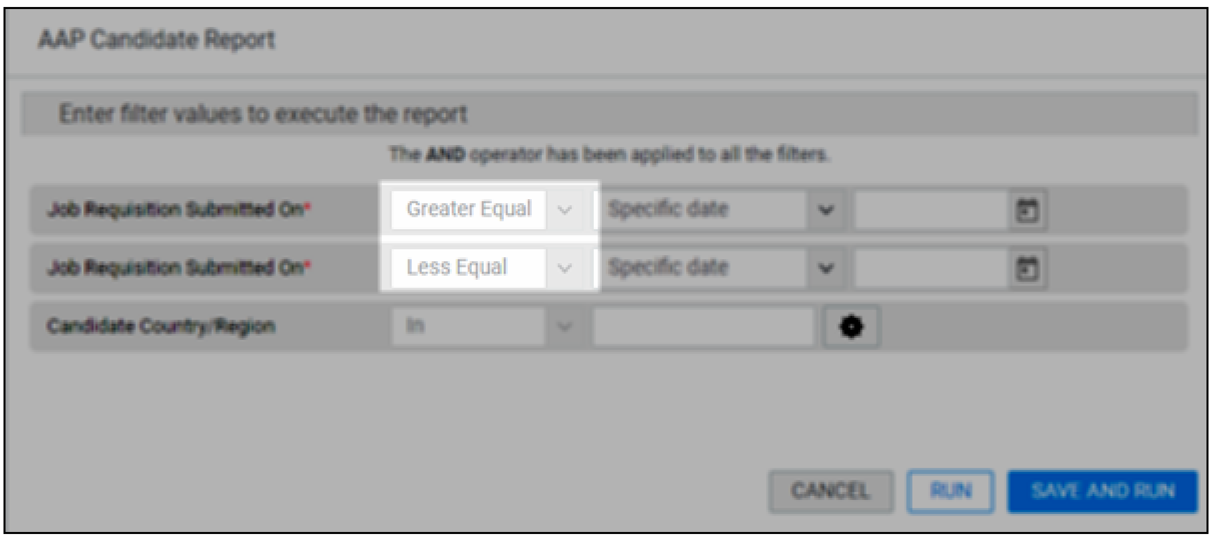


Figure 33: Greater Equal / Less Equal for date fields

How does it work now?

The date filters for the built-in reports in Analytics now use date range as the operator.

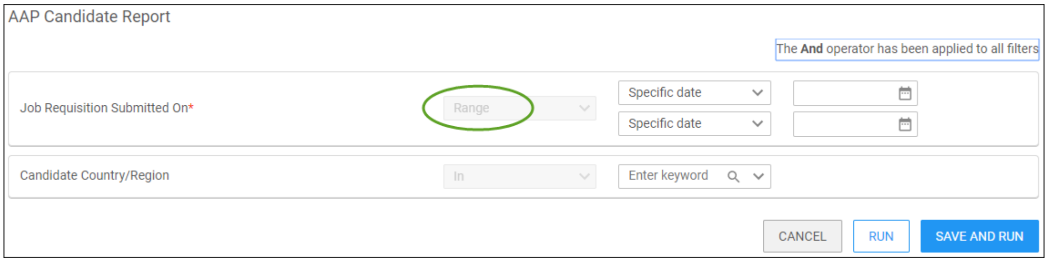


Figure 34: Date range for date fields

Hide Person protected fields

How did it work?

This is a new feature.

How does it work now?

In this update, it is now possible to hide Person protected fields (username, createdby, firstname, lastname) from **Me** > **Analytics** and **My Team** > **Analytics**.

To hide the Person protected fields a new configuration called **Protected Fields** is available under **Settings** > **Configuration**. By default this configuration is disabled which means the Person protected fields will be visible under **Me** > **Analytics** and **My Team** > **Analytics**. To hide these fields, the Analytics admin needs to enable this configuration.

After you enable this configuration, the Person protected fields will no longer be seen under **Me** > **Analytics** and **My Team** > **Analytics** for the Report and Subscription's advanced search.

Insights in the flow of work

How did it work?

This is a new feature.

How does it work now?

Analytics now provides **Insights** under **My Team** for managers and **Admin** > **Learning** for catalog administrators.

Note: **My Team** Insights will only be available to users having **Internal/ External Manager** basic privileges role. By default, this feature is enabled. To disable it, please contact your Analytics admin.

What are Insights?

Insights are easy data points for consumption presented in a manner that is both visually understood easily and helps make decisions on next steps. This presentation in the flow of work under various persona helps the user to leverage data points pre-defined for the purpose. These data points can be shared, downloaded, and printed.

This feature uses the traditional reporting strengths of Saba Analytics as the base to provide aggregated data Insights.

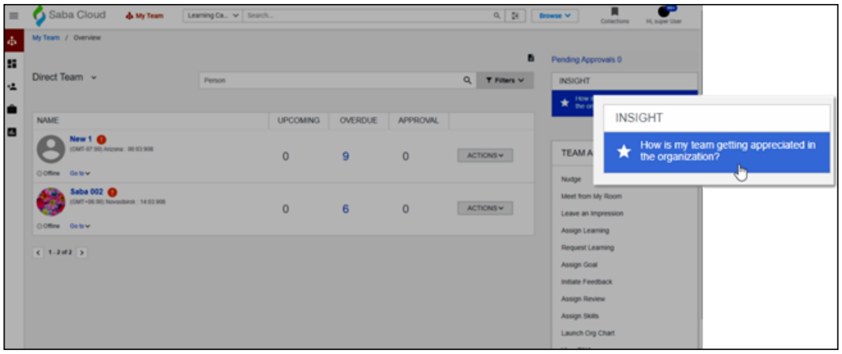
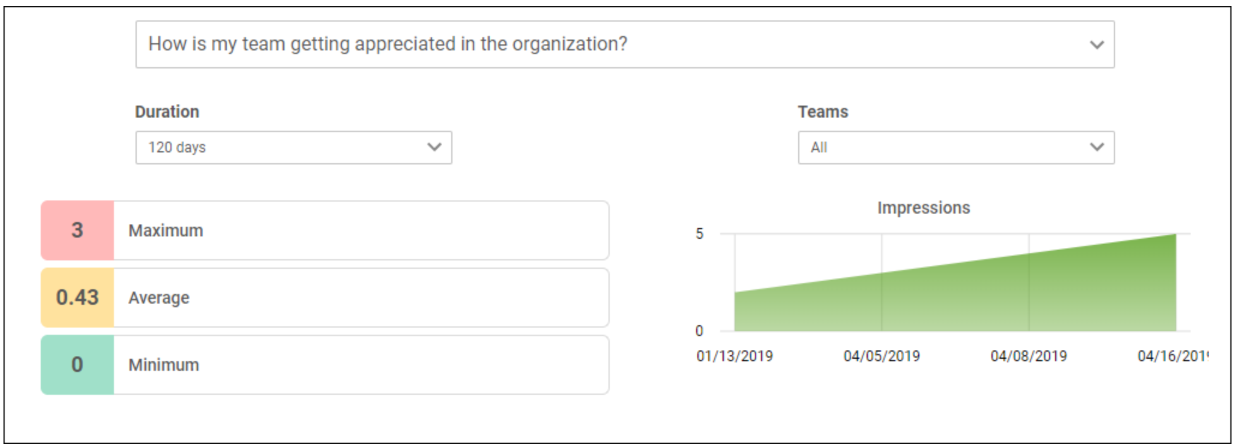


Figure 35: My Team - Insights

Managers will see the following Insights for My Team:

- How is my team getting appreciated in the organization?



Note: This insight is available only if the **Impression** service is enabled.

The number chart shows the maximum, minimum and the average number of impressions received by team members for the selected duration and the selected team type. Team type can be ALL which means Direct and Indirect reports such as the entire manager hierarchy, or you can select Direct which means direct reports only.

The Impressions chart shows the total number of impressions received by the team per day for the selected duration. The value on the line is the sum of previous day's impressions + impressions received on that day. So the last day in the range selected will show the total of all the impressions received by the team within the selected duration. The X-axis currently represents the dates on which impressions were received.

Note: This is also an out of the box report which can be used to drill down into the Insight chart data.

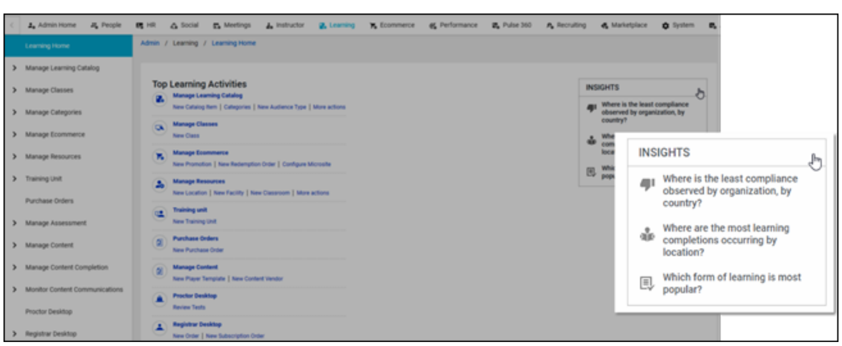
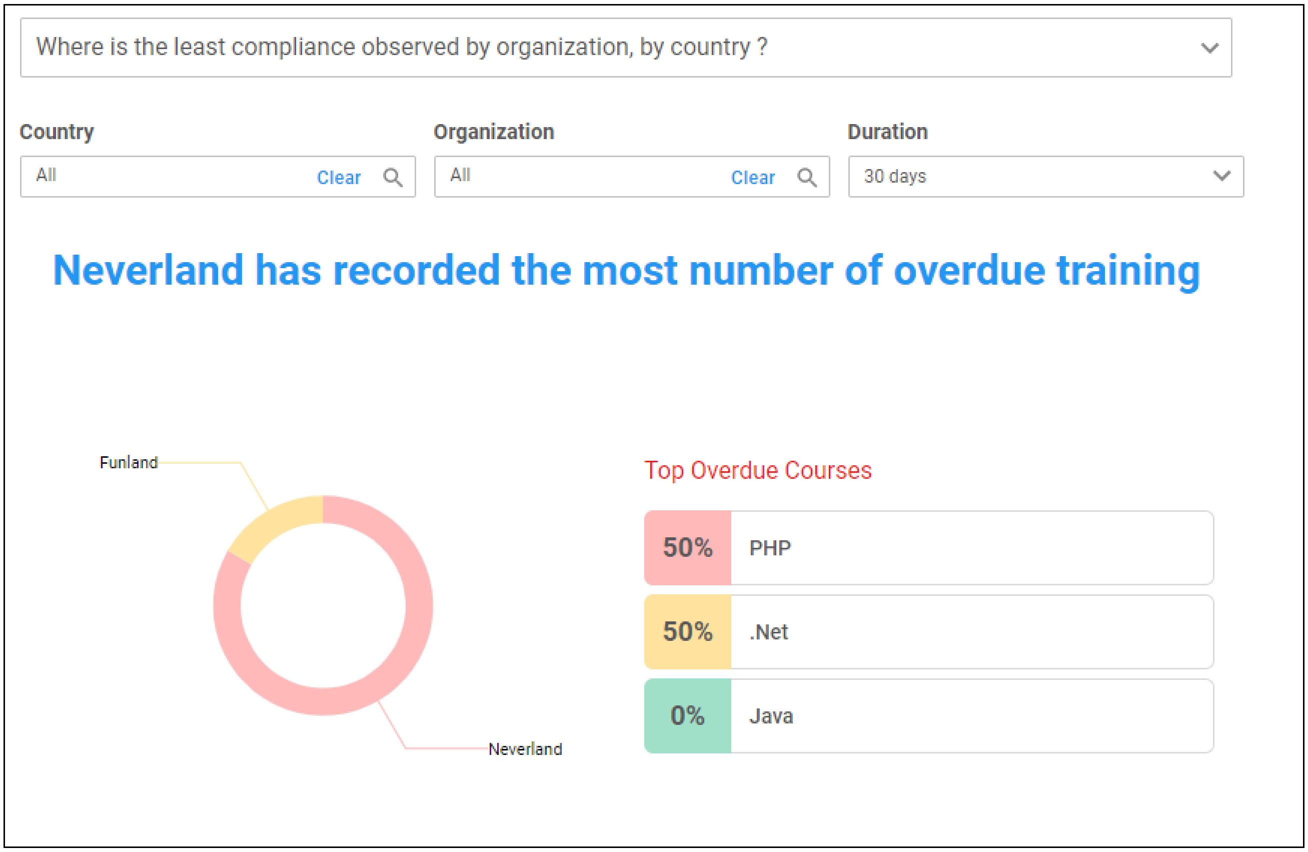


Figure 36: My Team - Learning

Catalog administrators will see the following Insights for Learning:

- Where is the least compliance observed by organization, by country?



The statement indicates the top Country with most number of overdue courses in the past 30 days as indicated in Donut chart.

Note: If you further drill down using the Location and Department filters then the statement will not be valid anymore and will disappear.

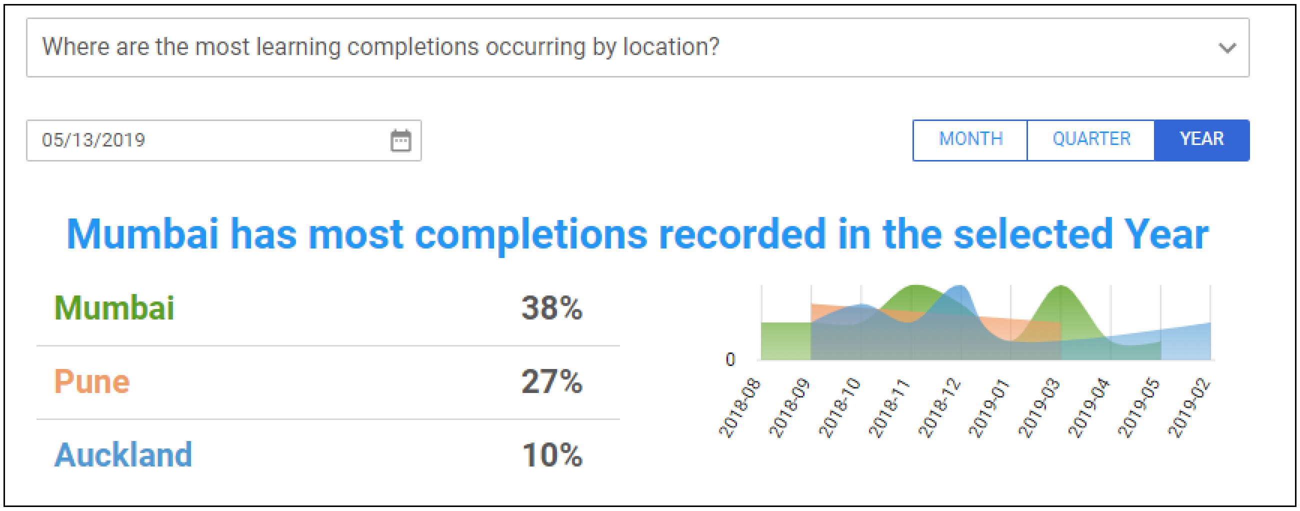
The duration filter starts with the current date and goes backwards as per the selection done i.e. if you select 30 Days from the drop down then the Insight will fetch data for last 30 days. It will use the course target date attribute value to search for the data of Overdue Courses.

The Donut chart shows the Top 3 countries with Maximum number of overdue courses. The country value is taken from the person's location. Each section of the Donut chart shows the person's location country and the number of overdue courses. This is system level data, so no domain filter, person filter, or Organization filter is applied.

The number chart shows the top 3 courses which are in overdue status irrespective of the countries displayed in donut chart. The percentage displayed is the % derived using (count of the registrations for the course in overdue status / Total Registrations of top 3 courses in overdue status)*100. This provides the relative percentages between the overdue courses and helps the end user determine the priority.

Note: This is also an out of the box report which can be used to drill down into the Insight chart data.

- Where are the most learning completions occurring by location?



The statement indicates the person's location which has the maximum number of completions for the selected duration. By default the month is selected and the values are fetched for the last 60 days. The last part of the statement indicate the period selected.

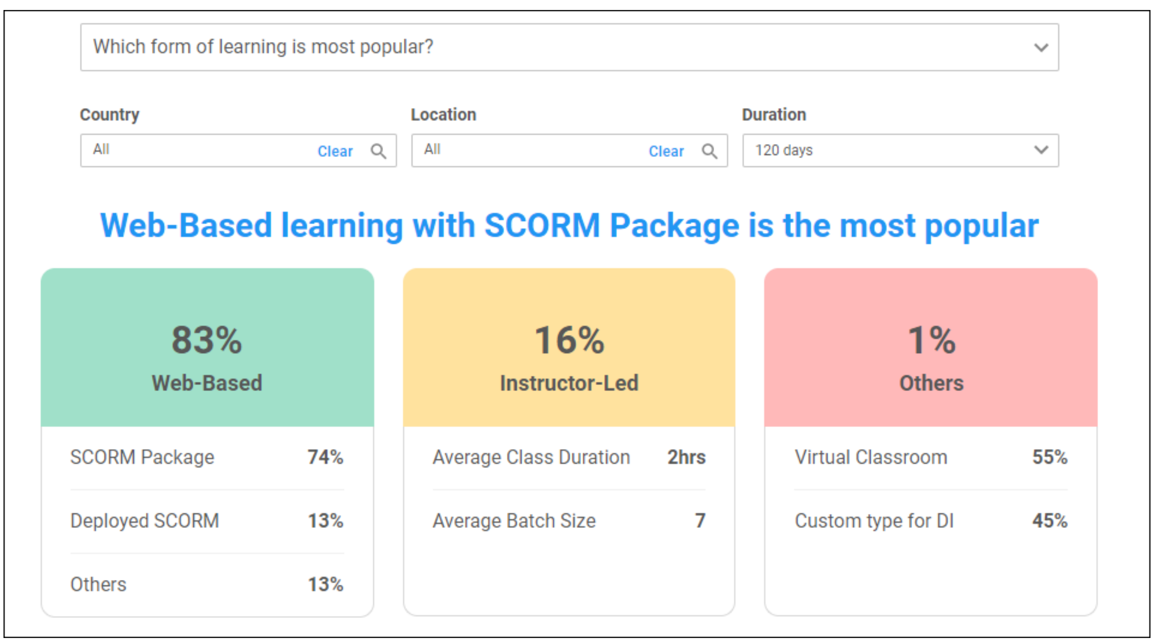
The duration filter will start with the date selected on the left side and goes backwards using the selected value in the filter on right. So if you select Year then the report will show the data for the period 28 Nov 2017 to 28 Nov 2018. Quarter will show the data for last 90 days.

The Location number chart on the left shows the percentage of the top 3 locations for the course completions at system level. The formula for percentage is: (Completions at location / Total completions)*100. The totals may not add up to 100.

The area chart shows the top 3 locations and their completions for the selected period by months. The chart will display months in YYYY-MM (e.g. 2018-12) format and will be sorted chronologically on X-axis.

Note: This is also an OOB report which can be used to drill down into the Insight chart data.

- Which form of learning is most popular?



The statement indicates the delivery type, which is having the most number of registrations within the selected duration. The later part of the statement indicates the content type associated with the registrations for the delivery type (if the delivery type is based on self-paced learning, otherwise it shows the average class duration, if the delivery type is based on scheduled learning).

The number chart shows the top 2 delivery type with the most number of registrations (rest of the delivery types are placed under Others, which will always be listed as the last entry, since it covers multiple other delivery types). If the Delivery type is based on self-paced learning then the lower part of the number chart shows the top 2 contents associated with that delivery type and the associated usage in percentage format. If the delivery type is based on scheduled learning then the lower part of the number chart shows the average class duration in hours and average number registrations for the class of that delivery type. Under Others, it lists the 3 delivery types (which are either based on WBT or ILT) with their relative percentage.

Note: This is also an out of the box report which can be used to drill down into the Insight chart data.

Use case

Embedding useful governance insights in the flow of work helps the managers and the Catalog Administrator to quickly access data points aggregated and presented with an aim to make decisions and allow sharing of key insights to stakeholders without having to first create a report and analyze the data to aggregate a similar insight.

New privilege to control reporting features for sensitive data

How did it work?

The Check-Ins and Check-In Tasks attributes were not marked under sensitive data for reporting.

How does it work now?

In this update, it is now possible to control who gets to report on sensitive data like check-ins and check-in tasks with the help of this new privilege called **Manage Check-Ins reporting** on the **Analytics Report Definition** component.

This privilege is by default given to the **Analytics Admin**, **Performance Admin** and **Super User**.

Note: To disallow the Analytics Admins or Performance Admins from having the ability to report on goals, the system admin has to remove the access to this new privilege from the out of the box security roles like Analytics Admin, Performance Admin and/or super user.

Users who have this privilege can create, edit, delete, schedule and execute report for the Check-Ins and Check-In Tasks attributes.

Note: If the user does not have these privilege, they will not be able to create reports for these attributes and the edit, schedule, execute and delete actions will show an error **You do not have access to <attribute name>**. To allow users to continue to report on sensitive data, the System Admin should create a new simple security role which grants access to the new controlling privilege.

For reports listed under **ME/My Team**, this new privilege will not impact the execution or schedule and will adhere to the existing privilege checks. If the end user happens to be an admin (such as Learning Admin, Talent Admin etc), the analytics menu is accessible but with the introduction of this new privilege, this admin will not be able to execute/schedule such reports where this new privilege is in play and is not already granted to this admin.

Use case

This enhancement helps the admins to control who gets to report on sensitive data like check-ins.

Support for multi-component custom fields in custom dimensions

How did it work?

Multi-component custom fields from Person, Organization, and so on were supported in custom dimensions, only if they have exact same data type. Multi-component custom fields with different data types (for example: Person Internal Custom0 is String and Person External Custom0 is Date) did not appear in the list of dimensions available for creating custom dimension.

How does it work now?

This update brings the ability to add multi-component custom fields in the IF and ELSE conditions of the custom dimension. When you add multi-component custom field, a default filter is now added with the custom field.

For example: Person type: Internal or External

You can't remove the default filter, unless you remove the primary multi-component custom field filter.

Use case

Users can now use all the custom fields while creating custom dimensions.

Set the default view for the Analytics Home page

How did it work?

This is a new feature.

How does it work now?

In this update, it is now possible to set one of the tabs or views as the default view for the Analytics homepage. After you set the default view, every time you visit **Admin > Analytics**, that particular view will be rendered by default.

Note: If you as an administrator select **My Reports** or **Built-in Reports** as the default view under **Admin > Analytics** (which are not available under **Me > Analytics** or **My team > Analytics**) then the default view for **Analytics** under **Me** or **My team** is set to **Recently Viewed**.

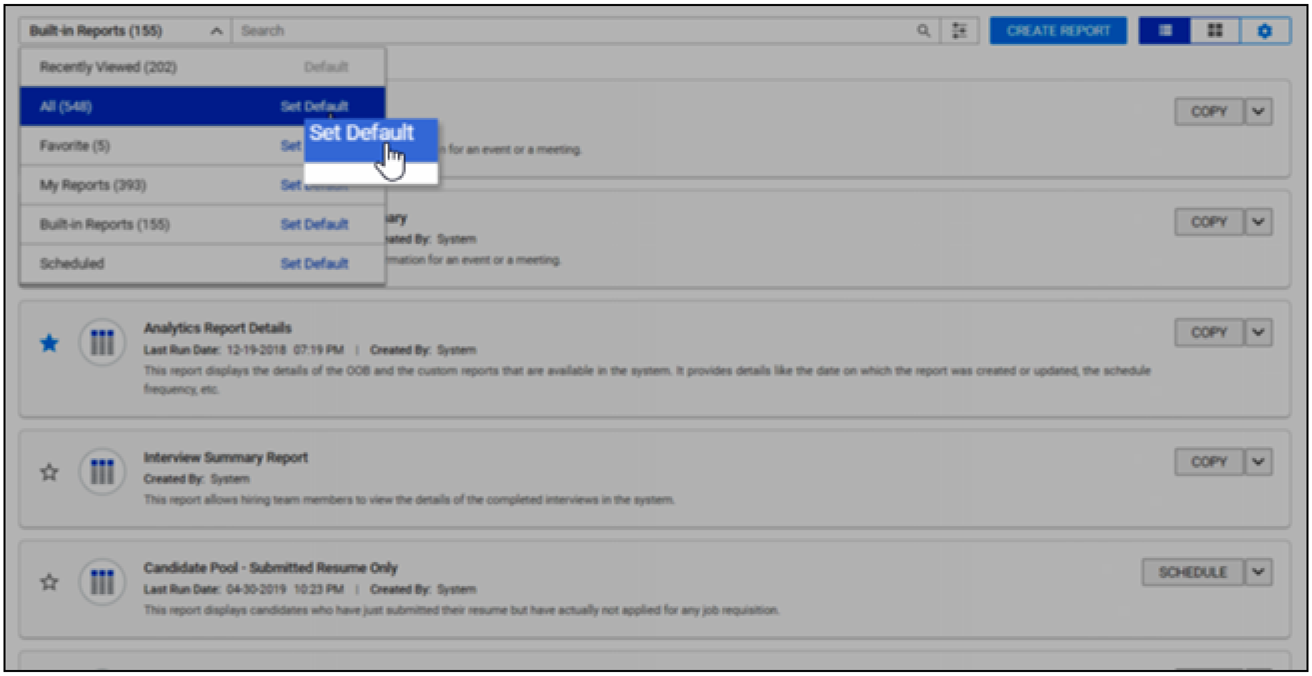


Figure 37: Set Default

New Reports

Insights - Reports

How did it work?

These are new reports.

How does it work now?

Insight - Team Impressions

This report provides a manager insight on the impressions received by his team hierarchy.

This report needs the following services:

- Impressions

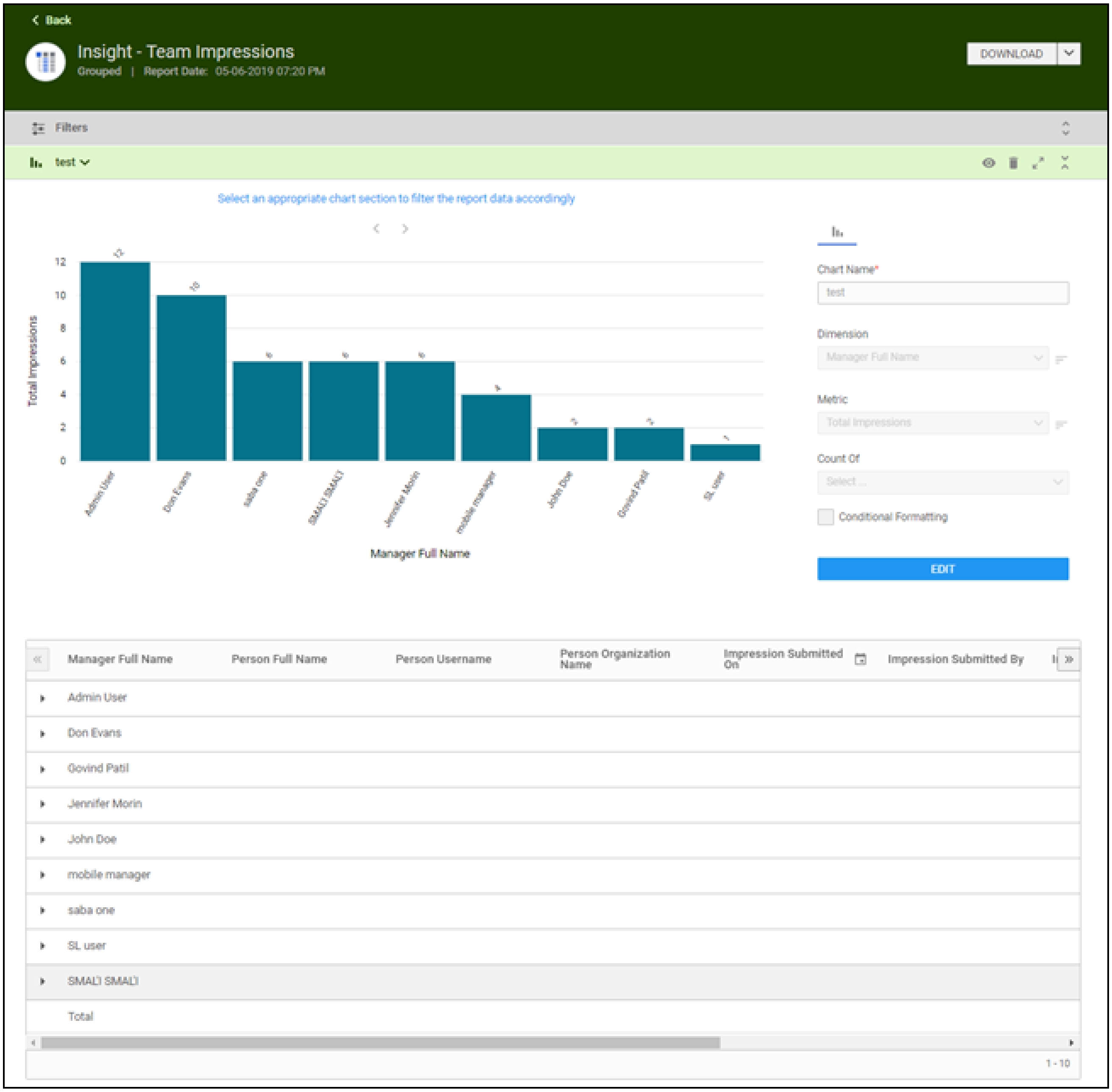


Figure 38: Insight - Team Impressions Example

Report Details

This section provides high-level details of the Insight - Team Impressions report.

Filters

This report uses the following filters:

1. Include Manager Hierarchy
2. Hierarchy Manager Full Name
3. Impression Submitted On

Dimensions

This report uses the following dimensions:

1. Manager Full Name
2. Person Full Name
3. Person Username
4. Person Organization name
5. Impression submitted On
6. Impression submitted By
7. Impression Comments

Metrics

This report uses the following metrics:

1. Average Impression of team
2. Total Impressions

Insight - Popular Learning

This report provides insight to the admin about the most popular learning type across locations for a given time range.

This report needs the following services:

- Learning

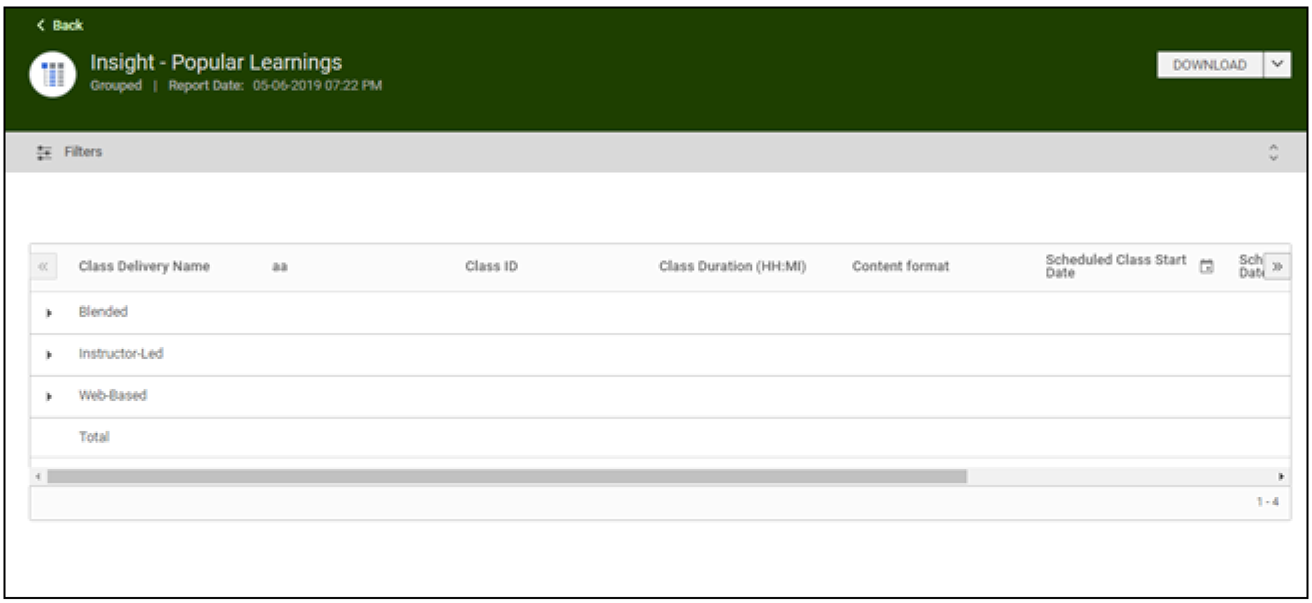


Figure 39: Insight - Popular Learning Example

Report Details

This section provides high-level details of the Insight - Popular Learning report.

Filters

This report uses the following mandatory filters:

1. Class Delivery Name
2. Registration Date
3. Registration Status

This report uses the following optional filters:

1. Person Location Name
2. Person Location Country

Dimensions

This report uses the following dimensions:

1. Class Delivery Name
2. Class Name
3. Class Id
4. Class Duration HH:MI
5. Content Format
6. Scheduled Class Start Date
7. Scheduled Class End Date

Metrics

This report uses the following metrics:

1. Count of Registrations

Insight - Overdue Courses

This report allows users to see the details of the overdue courses along with the learner's data by Country and Organization.

This report needs the following services:

- Learning

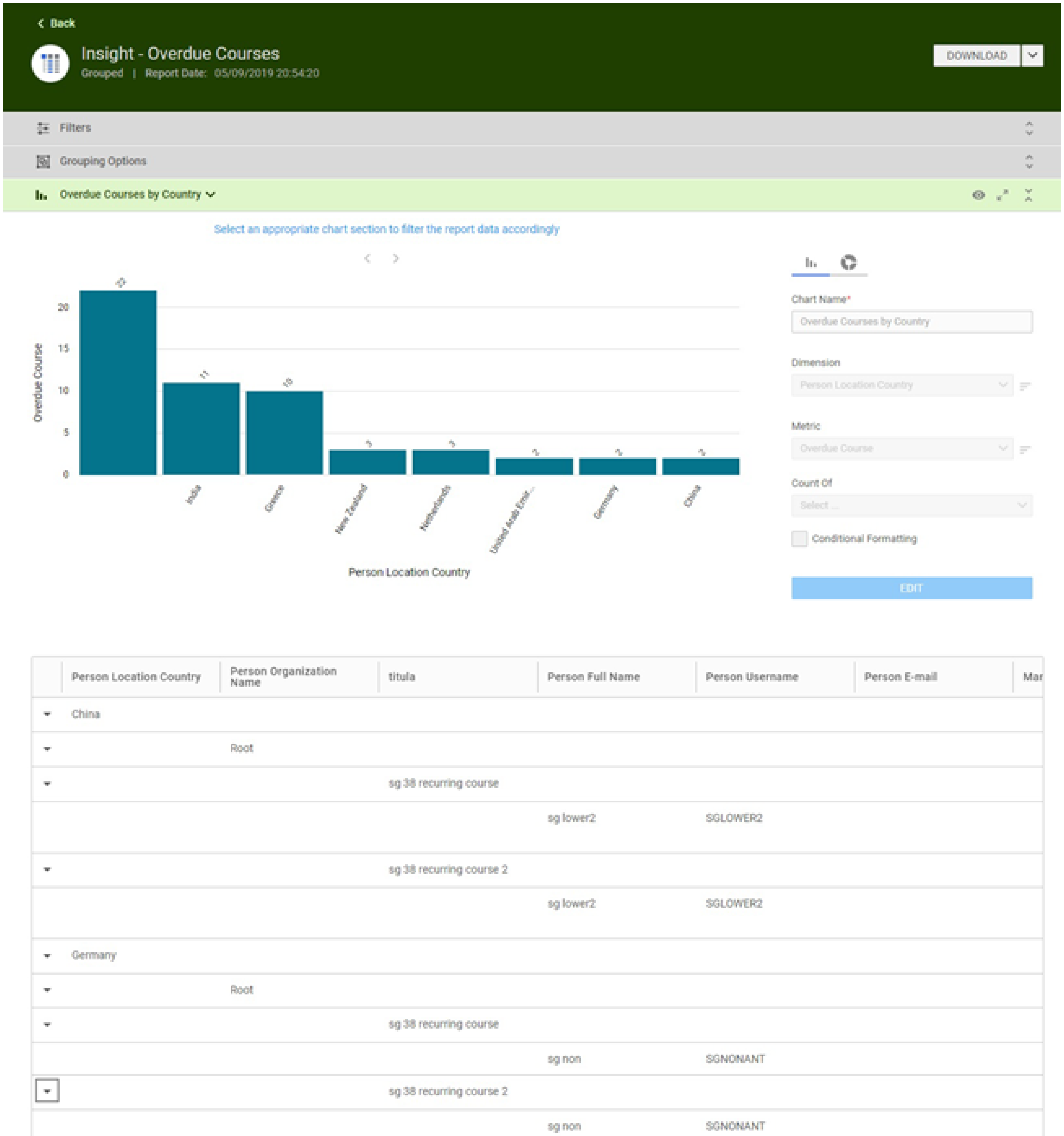


Figure 40: Insight - Overdue Courses Example

Report Details

This section provides high-level details of the Insight - Overdue Courses report.

Filters

This report uses the following mandatory filters:

1. Course Target Date
2. Is Terminated

3. Is the Course Overdue

This report uses the following optional filters:

1. Person Location Country
2. Person Organization Name

Dimensions

This report uses the following dimensions:

1. Person Location Country
2. Person Organization Name
3. Course Title
4. Person Full Name
5. Person Username
6. Person E-mail
7. Manager Full Name
8. Person Location Name
9. Course Course ID
10. Course Assigned On
11. Course Target Date
12. Course Activity Status
13. Course Assigned By

Metrics

This report uses the following metrics:

1. Overdue Course

Insight - Courses Completions

This report allows users to see the list of the completed courses along with the learner's details by Location and Organization.

This report needs the following services:

- Learning

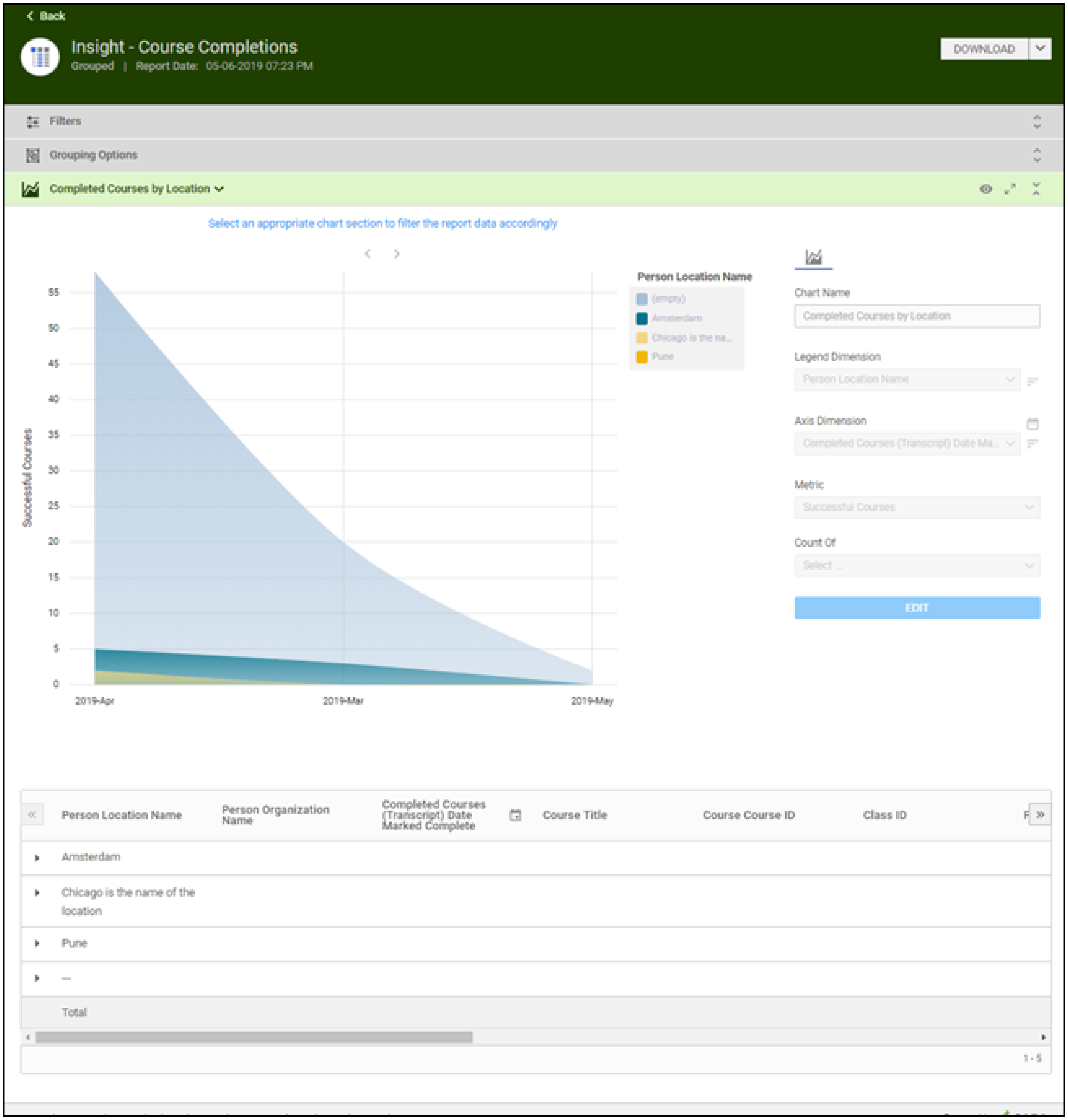


Figure 41: Insight - Courses Completions Example

Report Details

This section provides high-level details of the Insight - Courses Completions report.

Filters

This report uses the following mandatory filters:

1. Completed Courses (Transcript) Date Marked Complete (date range)
2. Completed Courses (Transcript) Status
3. Is Terminated

This report uses the following optional filters:

1. Person Location Name
2. Person Organization Name

Dimensions

This report uses the following dimensions:

1. Person Location Name
2. Person Organization Name
3. Completed Courses (Transcript) Date Marked Complete
4. Course Title
5. Course ID
6. Class ID
7. Person Full Name
8. Person Username
9. Manager Full Name
10. Registration Date
11. Completion Status
12. Completed Courses (Transcript) Grade
13. Completed Courses (Transcript) Score

Metrics

This report uses the following metrics:

1. Successful Courses

Use case

Provides useful governance insights to the managers and the catalog administrator to quickly access data points aggregated and presented with an aim to make decisions.

User Population Summary

How did it work?

This is a new report.

How does it work now?

User Population Summary

This report displays the growth trend of the active and the total number of users in the system for a period of 30 days along with a graphical representation.

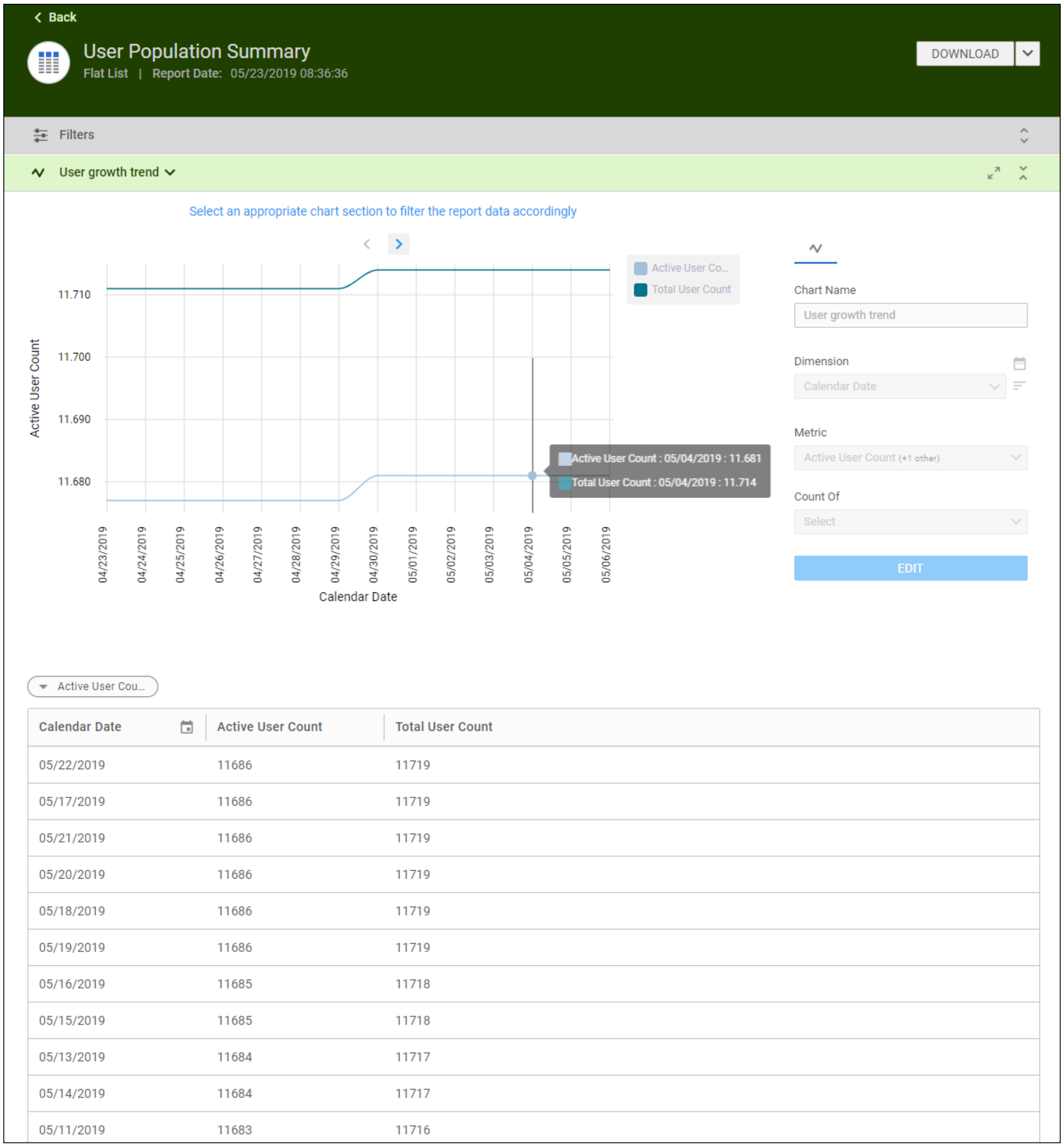


Figure 42: User Population Summary Example

Report Details

This section provides high-level details of the User Population Summary report.

Filters

This report uses the following mandatory filters:

1. Is Profile Snapshot Active
2. Calendar Date

Dimensions

This report uses the following dimensions:

1. Calendar Date

Metrics

This report uses the following metrics:

1. Active User Count
2. Total User Count

New Attributes

Adoption

How did it work?

These are new attributes.

How does it work now?

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

Table 4: Adoption Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Mobile Adoption	Content format	Dimension	Yes	Content format

Use case

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

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 5: Learning Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Learner Certific~ ation Details	Last Target Date	Dimension	No	Target Date for Acquired Certifications
Courses	Consumable only in Certific~ ation / Cur~ riculum	Dimension	No	Shows Yes if the Course is marked as Consum~ able only in Certification / Curriculum
Courses Cata~ log	Consumable only in Certific~ ation / Cur~ riculum	Dimension	No	Shows Yes if the Course is marked as Consum~ able only in Certification / Curriculum
Assessment Results	Assessment Subtopic Incor~ rect Question Count	Dimension	Yes	Assessment Subtopic Incorrect Question Count
Assessment Results	Assessment Topic Incorrect Question Count	Dimension	Yes	Assessment Topic Incorrect Question Count
Assessment Results	Assessment Subtopic Cor~ rect Question Count	Dimension	Yes	Assessment Subtopic Correct Question Count
Assessment Results	Assessment Topic Correct Question Count	Dimension	Yes	Assessment Topic Correct Question Count
Assessment Results	Assessment Subtopic Ques~ tion Count	Dimension	Yes	Assessment Subtopic Question Count
Assessment Results	Assessment Topic Question Count	Dimension	Yes	Assessment Topic Question Count

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Assessment Results	Assessment Topic/Subtopic Score	Dimension	Yes	Assessment Topic/Subtopic Score
Assessment Results	Assessment Topic/Subtopic Status	Dimension	Yes	Assessment Topic/Subtopic Status
Assessment Question De~ tails	Assessment Question Choice Value	Dimension	No	Shows the value set for Choices in the questions added for Saba Assessment
Module Details	Content First Attempt Date Time	Dimension	Yes	Content First Attempt Date Time
Learner Certific~ ation Details	Certification Progress Ac~ quired On Date	Dimension	Yes	Certification Progress Acquired On Date

Use case

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

Performance

How did it work?

These are new attributes.

How does it work now?

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

Table 6: Performance Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Check-In Tasks	Check-in Task Comments	Dimension	No	Comments added to Check-in Task

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Check-In Tasks	Check-in Task Comments Ad~ ded By	Dimension	No	Person Full Name for the person who added task comments
Check-In Tasks	Check-in Task Comments Ad~ ded On	Dimension	No	Date on which the comments were added to the task
Review Section	Future Goals Title	Dimension	No	Title of the future goal added to a review under the Future Goals section
Review Section	Future Goals Description	Dimension	No	Description of the future goal added to a review under the Future Goals section
Review Section	Future Goals Category	Dimension	No	Category of the future goal added to a review under the Future Goals section
Review Section	Future Goals Start Date	Dimension	No	Start Date of the future goal added to a review under the Future Goals section
Review Section	Future Goals Due Date	Dimension	No	Due Date of the future goal added to a review under the Future Goals section
Review Section	Review Section Item Rated On	Dimension	Yes	Review Section Item Rated On
Review Section	Latest Section Skill Held Level	Dimension	Yes	Latest Section Skill Held Level
Review Section	Latest Section Skill Required Level	Dimension	Yes	Latest Section Skill Required Level

Use case

Users can now pull these new attributes (Dimensions / Metrics) while creating or updating the 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 7: Profile Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Education	Percent Com~ pleted	Dimension	No	Completion Percentage for the Education entry added to a profile
Education	Completion Date	Dimension	No	Date of Completion for the Education entry in a profile
Education	Comments	Dimension	No	Comments added to Education entry in a profile
Internal Work	Is Latest Job~ type	Dimension	No	Shows Yes for the latest Job Type Assigned to Person
Person Skills	Latest Skill Re~ view Rating Level by Man~ ager	Dimension	Yes	Latest Skill Review Rating Value by Manager
Person Skills	Latest Skill Re~ view Rating Value by Man~ ager	Dimension	Yes	Latest Skill Review Rating Value by Manager
Person Skills	Latest Skill Re~ view Rating Level by Learner	Dimension	Yes	Latest Skill Review Rating Level by Learner
Person Skills	Latest Skill Re~ view Rating Value by Learner	Dimension	Yes	Latest Skill Review Rating Value by Learner

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Person Skills	Skill Assess~ ment Status	Dimension	Yes	Skill Assessment Status
Person Skills	Skill Assess~ ment Method	Dimension	Yes	Skill Assessment Method
Person Details	Person Approv~ al Status	Dimension	Yes	Person Approval Status

Use case

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

Pulse 360

How did it work?

These are new attributes.

How does it work now?

This section describes the attributes that have been added under the Pulse 360 reports model in the Saba application.

Table 8: Pulse 360 Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Anonymous Pulse Custom Survey	Survey Total Students In~ vited	Dimension	No	Survey Total Students Invited
Pulse Custom Survey	Launch Without Login Enabled	Dimension	No	Shows Yes if the Survey has been marked as Launch Without Login else shows No **Note:** If the Pulse Custom Survey which is non-anonymous has been marked as **Launch Without Login**, then the report created using **Pulse Custom Survey** attrib~ utes will not fetch data, if there are Person attributes present in the report.

Use case

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

System

How did it work?

These are new attributes.

How does it work now?

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

Table 9: System Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Notifications	Event Action Is Sent to Mes~ sage Center		No	Shows Yes if the Notification event action is going to send notification to email as well as message center, otherwise shows No when the notification will be sent only to email
Prescription Rule	Certification Version		No	Version of the Certification added to the Prescrip~ tion Rule

Use case

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

System Snapshot

How did it work?

These are new attributes.

How does it work now?

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

Table 10: System Snapshot Details

Entity Name	Attribute Name	Attribute Type	Available in Dashboard	Description
Profile Snap~ shot	Calendar Date	Dimension	Yes	Calendar Date
Profile Snap~ shot	Active User Count	Dimension	Yes	Active User Count
Profile Snap~ shot	Inactive User Count	Dimension	Yes	Inactive User Count
Profile Snap~ shot	Internal User Count	Dimension	Yes	Internal User Count
Profile Snap~ shot	External User Count	Dimension	Yes	External User Count
Profile Snap~ shot	Archived User Count	Dimension	Yes	Archived User Count
Profile Snap~ shot	Total User Count	Dimension	Yes	Total User Count
Profile Snap~ shot	Is Profile Snap~ shot Active	Dimension	Yes	Is Profile Snapshot Active
Profile Snap~ shot	Profile Snap~ shot Created On	Dimension	Yes	Profile Snapshot Created On

Use case

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

Components that support extended custom fields

How did it work?

These are new components that now support extended custom fields.

How does it work now?

This section describes the additional components that now support extended custom fields.

Table 11: Component Details

Component Name	Entity Name
Blended Offering	Classes
Virtual Class Offering	Classes
Location	Person Location

Updated Attributes

Learning

How does it work now?

This section describes the updated attributes under the Learning reports model in the Saba application.

Attribute Name	Old Entity's Name	New Entity's Name
Held Checklist Overall Comments	Checklist Details	Held Checklist Details
Held Checklist Overall Comment Added By	Checklist Details	Held Checklist Details
Held Checklist Overall Comment Added By Username	Checklist Details	Held Checklist Details

Entity Name	Attribute's Old Name	Attribute's New Name
Held Checklist Details	Checklist Item Status	Held Checklist Item Status
Held Checklist Details	Checklist Completed By Username	Held Checklist Completed By User~ name

Chapter 3

Ecommerce

Topics:

This section includes topics to guide you through new features and enhancements under Ecommerce.

Audience type pricing support for private classes

How did it work?

Private classes allow a purchaser (often a manager or an organization manager) to buy a class rather than seats in a class. After this purchase, the Catalog Administrator will contact the purchaser and will agree upon a date and time for the class. While private classes were available, they could only have one price. Audience Type pricing was not supported for Private Classes.

How does it work now?

The Catalog Administrator can now create a private class and define pricing for users based on audience type. As a Catalog Administrator, navigate to **Manage Learning Catalog** > **New Catalog Item** > **New Course** and click **Add Price** to add a single price in the **Private Class Purchase** section.

Note: Audience type pricing is also supported when the private class has variable pricing based on the class size, as seen in Add variable pricing for private class.

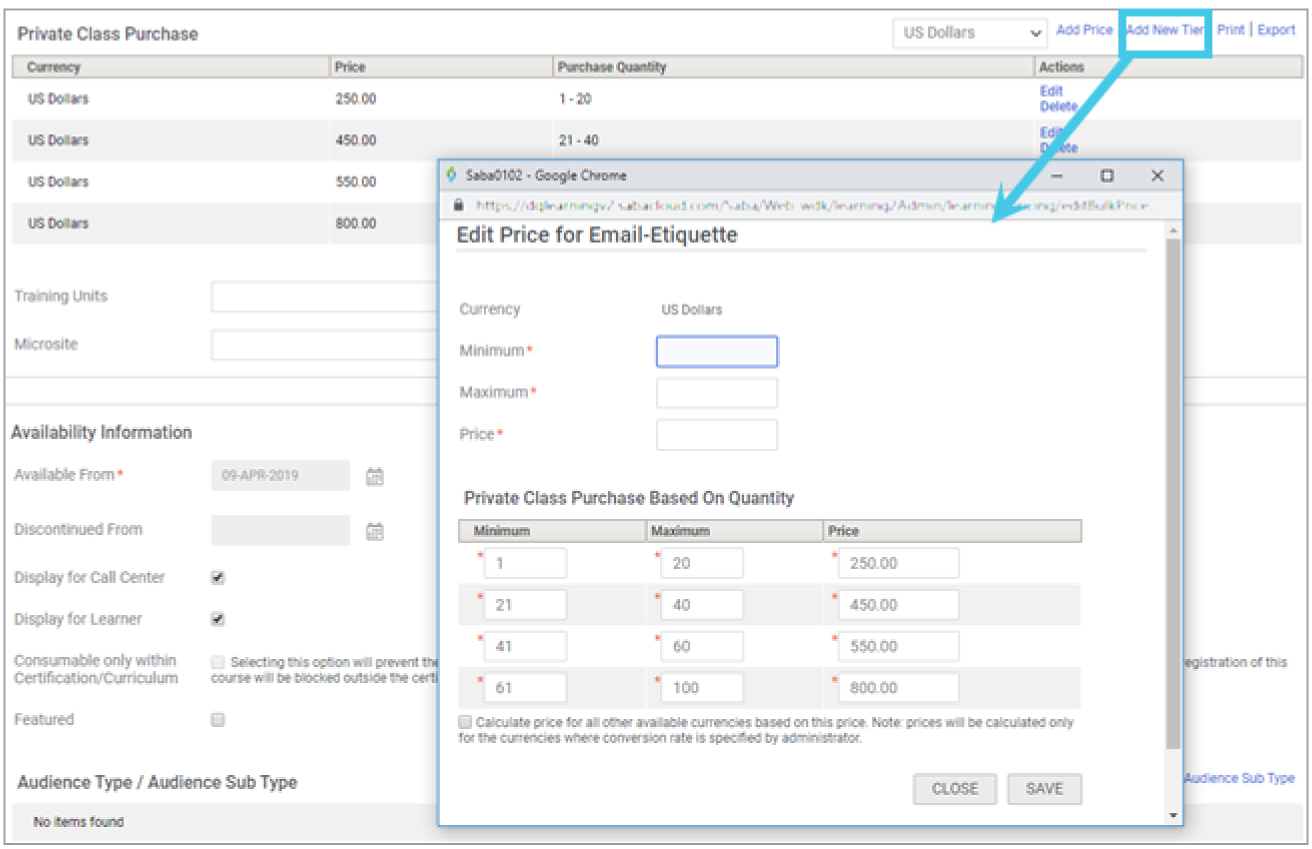


Figure 43: Add New Range for Private Class

In the **Policies** tab, click **Add Price List** in the **Private Class Price Lists** section to define the price list per audience.

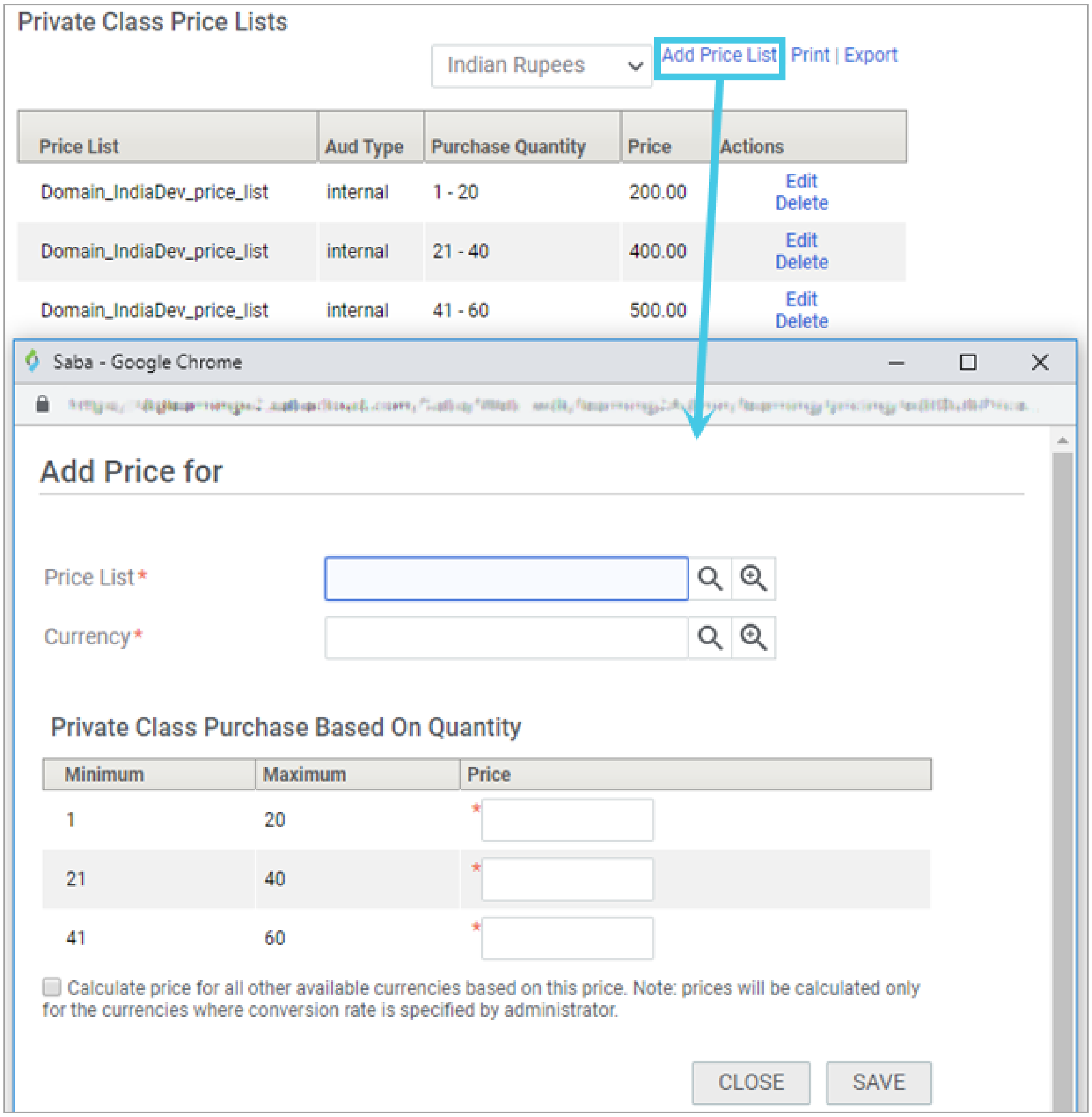


Figure 44: Add Price in Range per Audience

Use Case

This feature allows user to price a private class more competitively for specific groups.

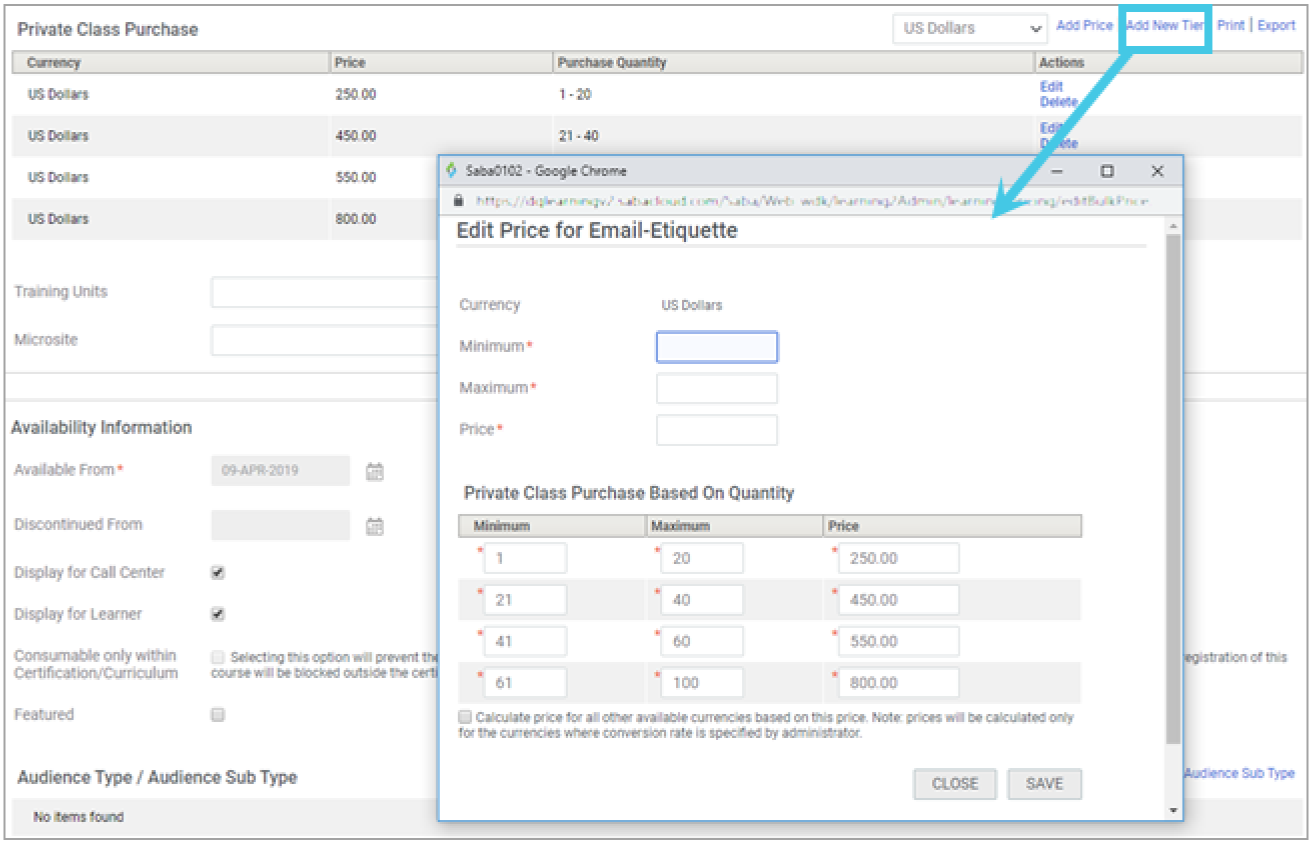
Add variable pricing for private class

How did it work?

The Catalog Administrator could create a private class per user.

How does it work now?

The Catalog Administrator can now create a private class and define the pricing for a group of people. The administrator can define the pricing based on the number of people and audience type. As a Catalog Administrator, navigate to **Learning Catalog** > **New Catalog Item** > **New Course** and add a price in range in the **Private Class Purchase** section. You will need to define a range using the **Add New Tier** link and add prices.



You can also add and update the prices using the **Add Price** link. Ensure that the **Tiered price** option is selected. If you select the **Flat price** option, it will remove the tiered prices from this course.

Figure 45: Add New Range for Private Class

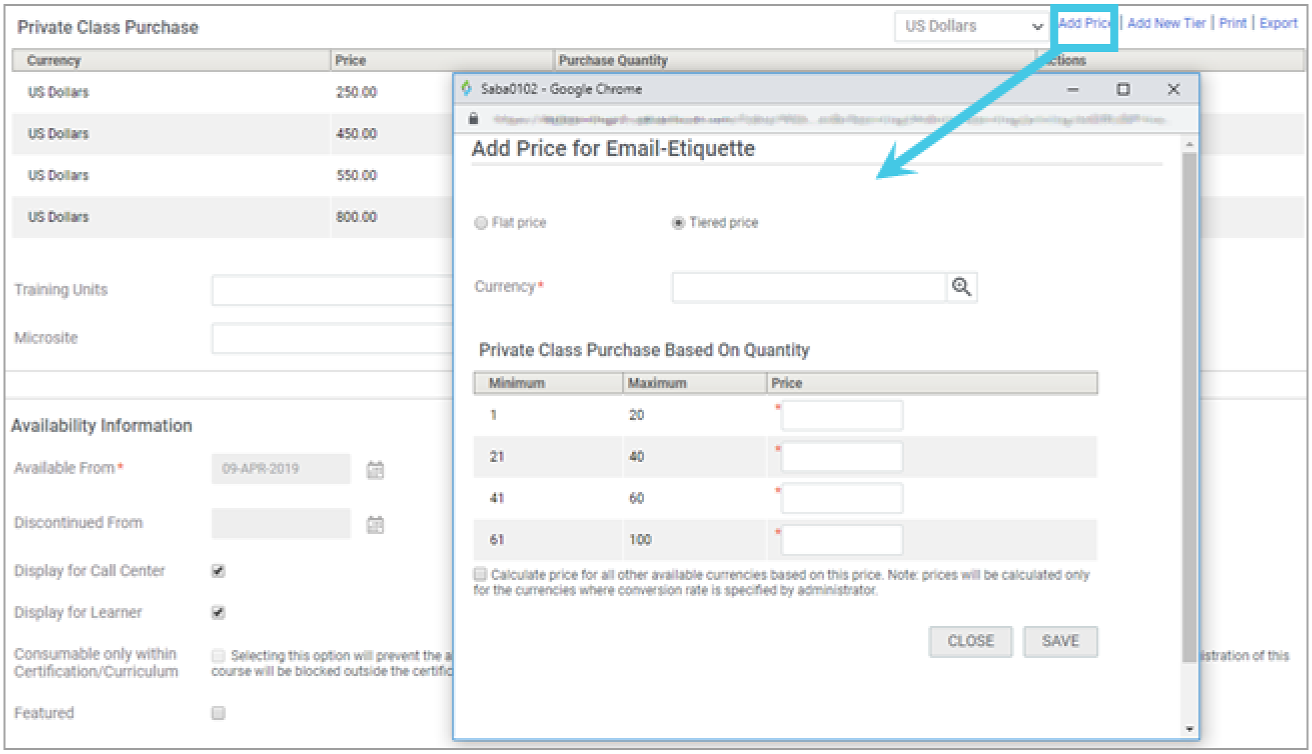


Figure 46: Add Prices in Range for Private Class

Once you specify the price list in ranges, it overrides the flat price i.e., price defined per user.

As an external user, you can purchase the class based on the price range defined by the administrator.

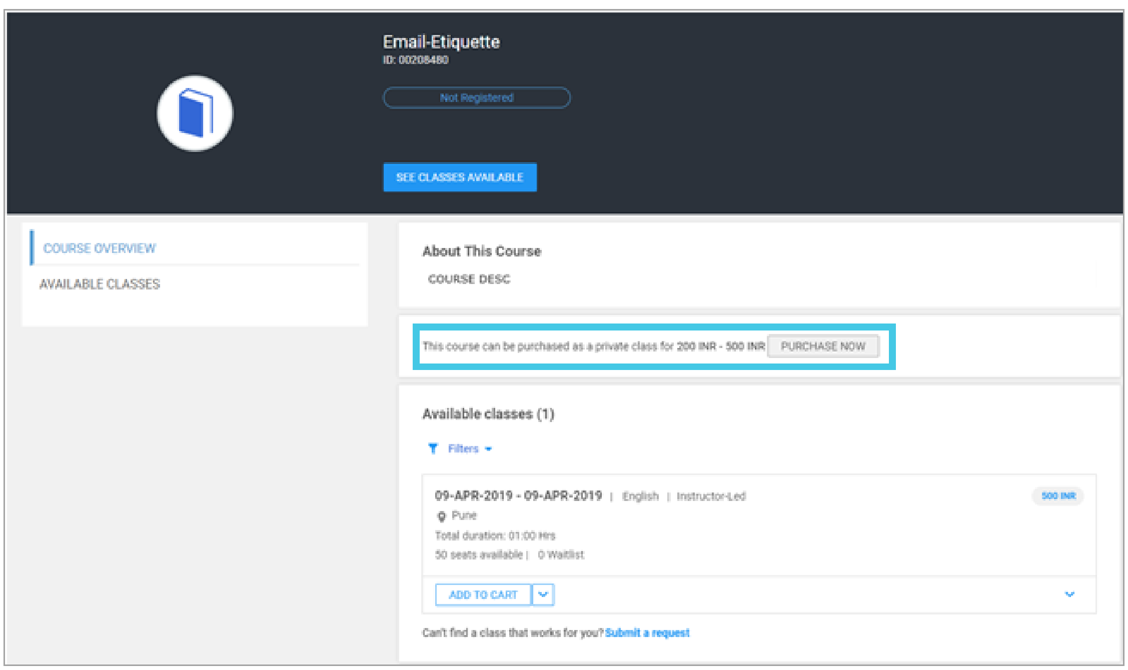


Figure 47: Purchase class

Use Case

Private classes already allowed users to price for a group rather than by learner. Now user can vary private class prices based on the size of the group, as there will likely be more effort to train a group of 25 students than a group of 5 students.

My Rewards and My Wallet pages are now responsive

How did it work?

The **My Rewards** and **My Wallet** pages were not responsive.

How does it work now?

The **My Rewards** and **My Wallet** pages are now responsive. The responsive interface is optimized for a variety of screen sizes and resolutions. It provides a consistent experience regardless of the device – from PCs to mobile phones.

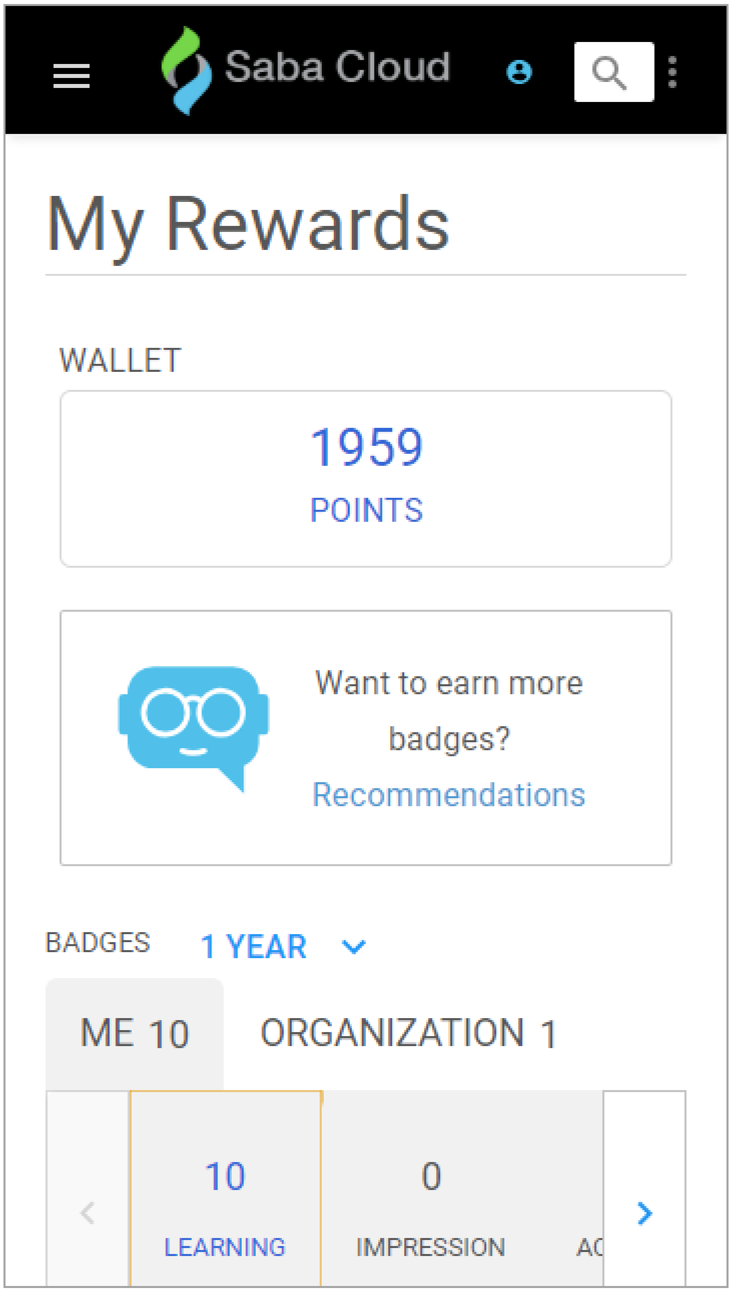


Figure 48: My Rewards page on mobile phone

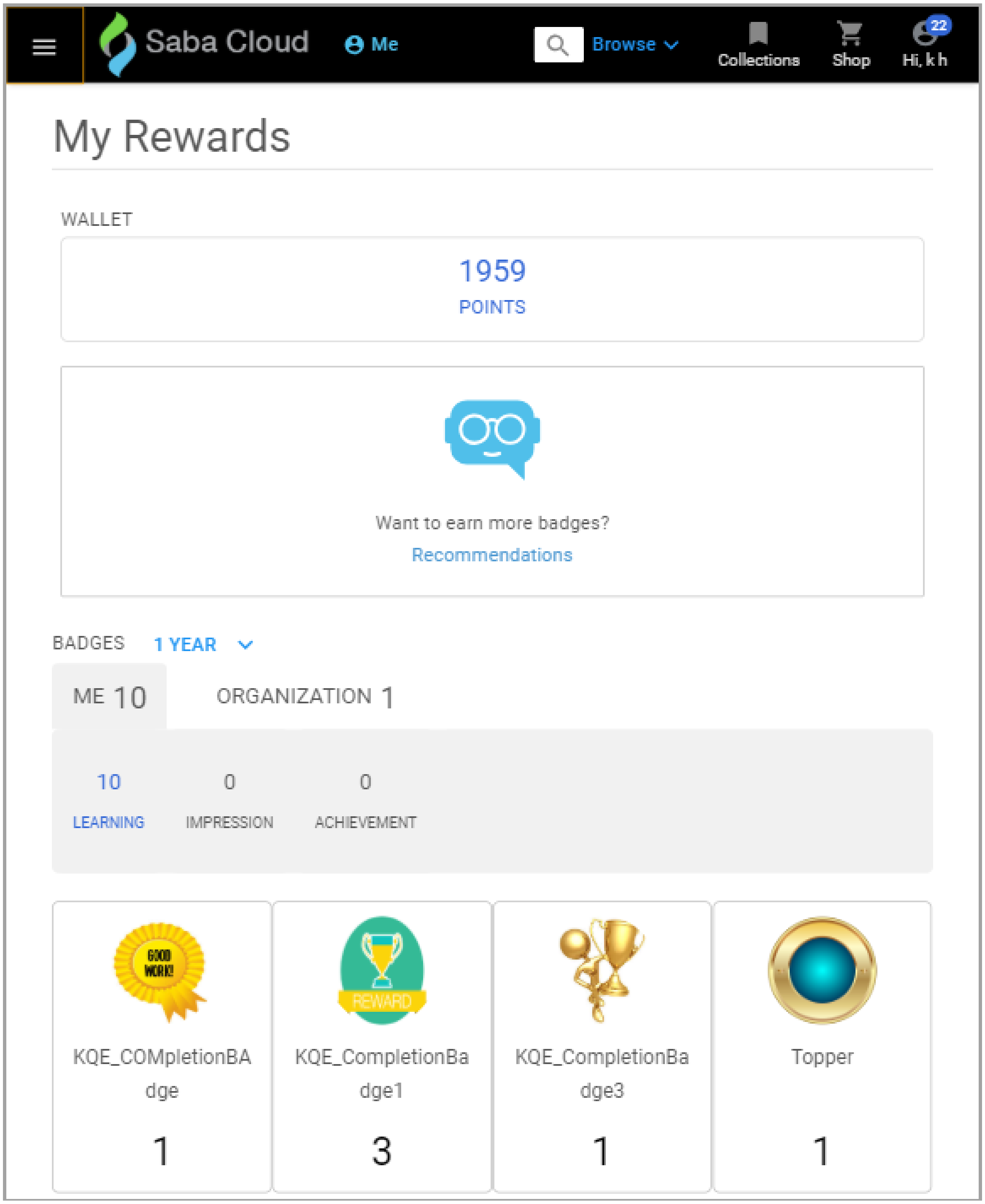


Figure 49: My Rewards page on tablet

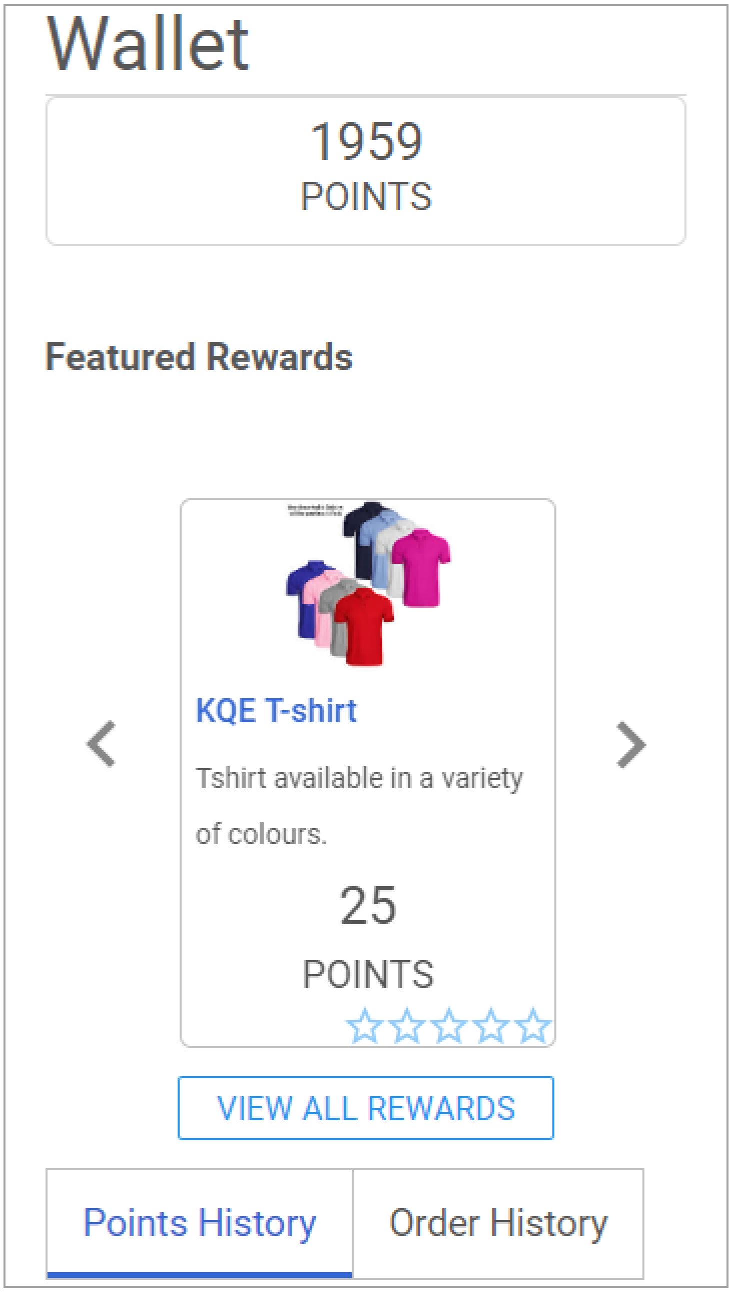


Figure 50: Wallet page on mobile phone

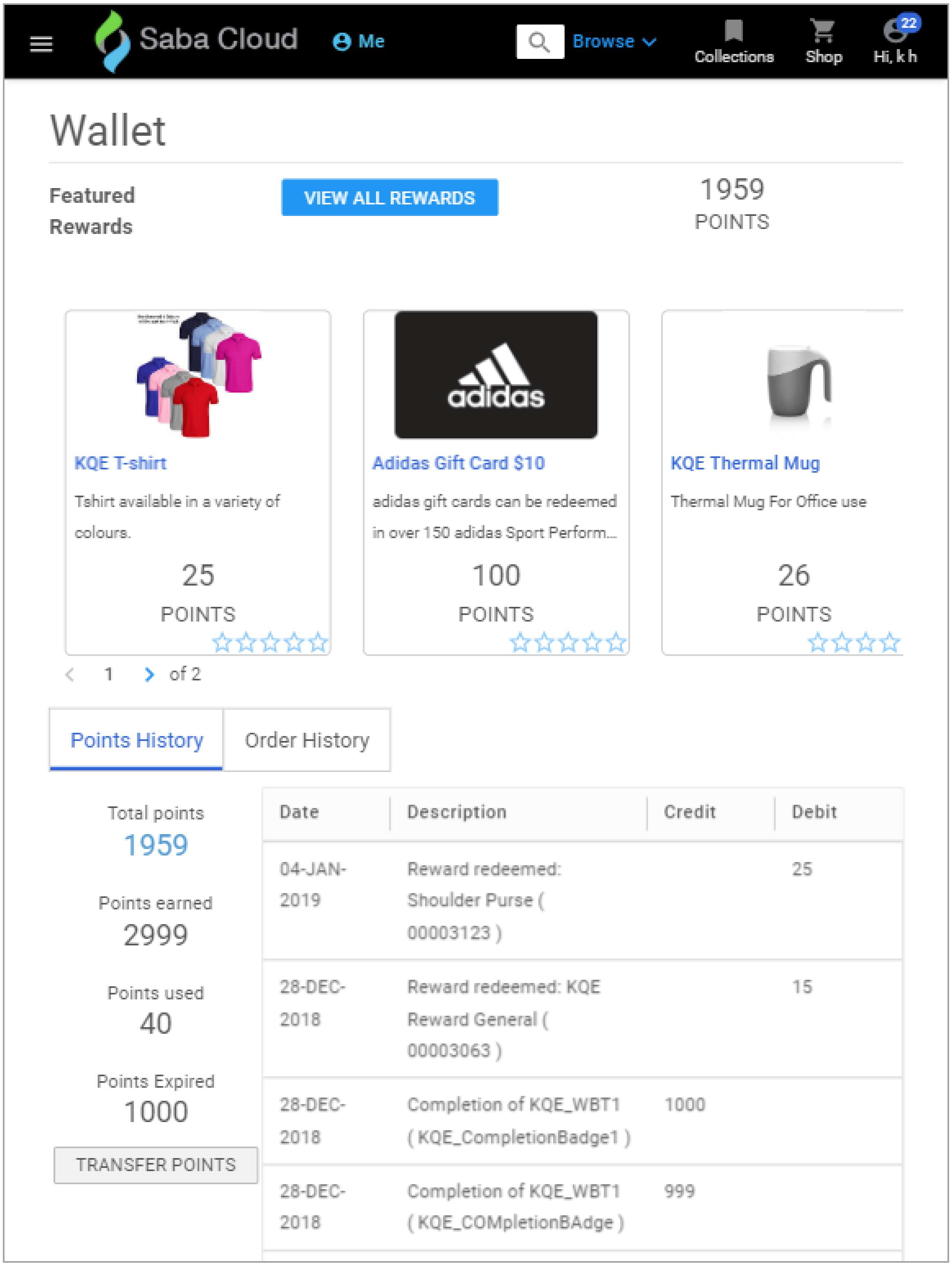


Figure 51: Wallet page on tablet

New course and class details page with eCommerce options

How did it work?

The new course and class details page did not display price in multi-currency and other eCommerce options like Add to Cart, Buy for Others, and Buy Now were not available.

How does it work now?

The new course and class details page now displays the price in multi-currency and class can be purchased via eCommerce options like Add to Cart, Buy for Others, and Buy Now.

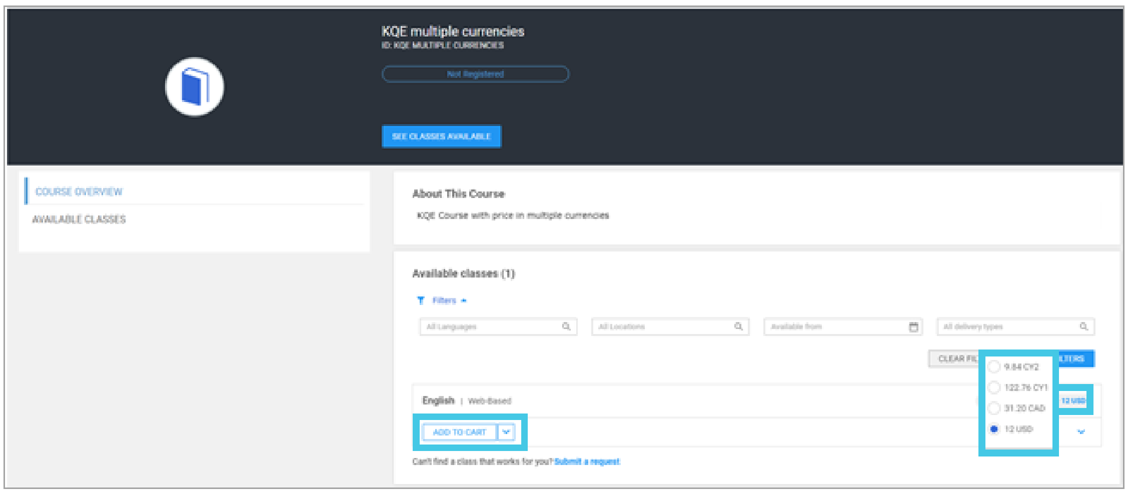


Figure 52: eCommerce options

Responsive Check Out page supporting pass-through expenses and Quick Buy

How did it work?

When the external user buys a course, they have multiple screens to first view the order details, make the payment, and then review and confirm the order. In addition, there was no option to save the payment preference or include pass-through expenses in an order.

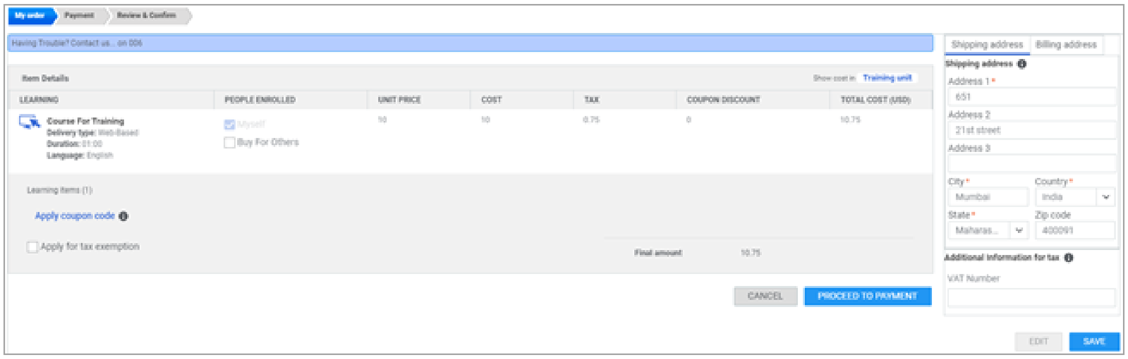


Figure 53: Review Order page

How does it work now?

The Check Out page is now optimized presenting the new and improved user experience (UX). The new layout is simple, clean, and responsive with an aim to simplify the desktop experience. The responsive UX is optimized for a variety of screen sizes and resolutions.

The **Check Out** page now displays the sections in the following way:

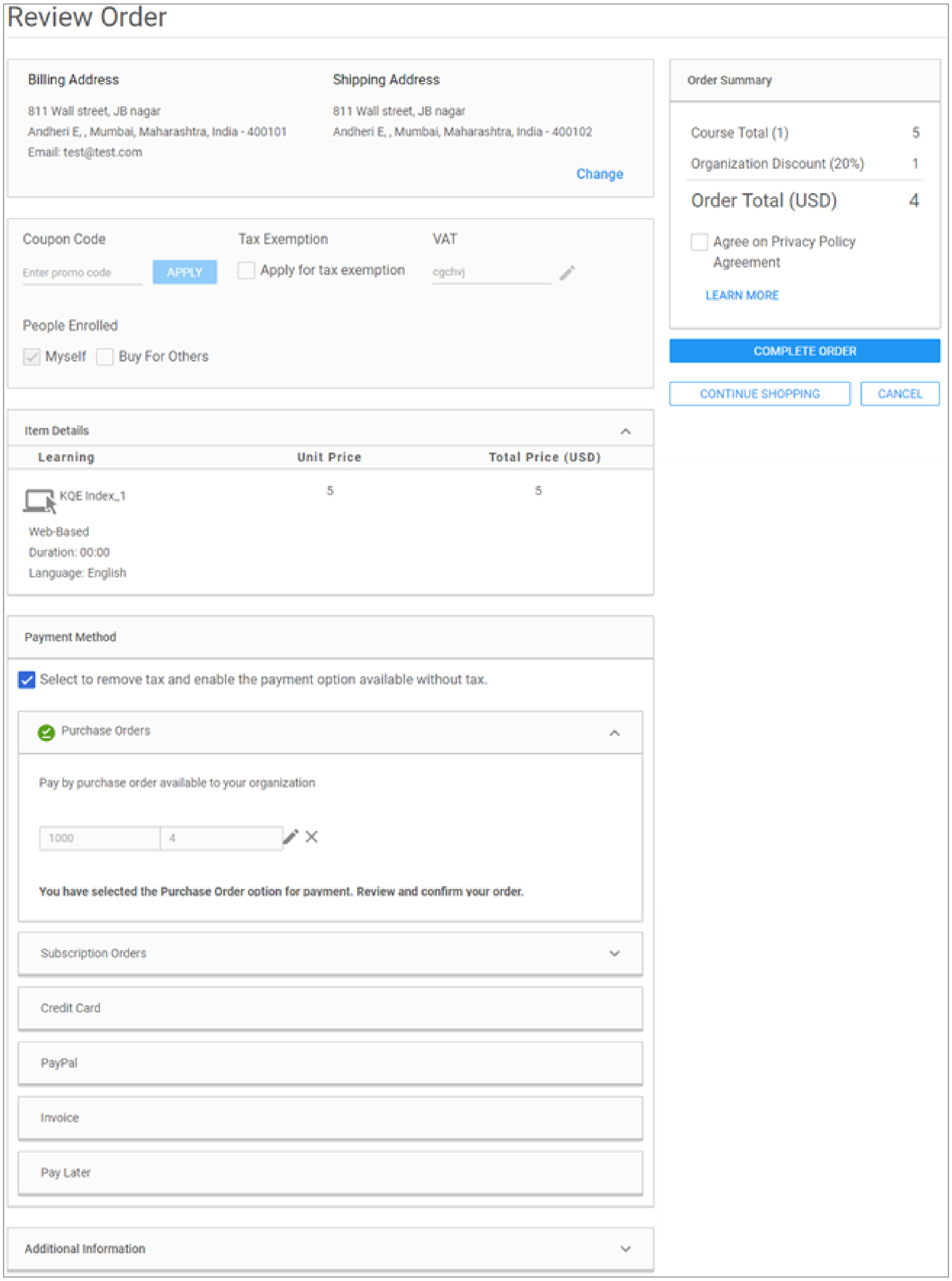


Figure 54: Check Out page

It also displays the **Order Summary** where you can view your total price and complete the order.

Note: This new check out flow is available only for learners and not managers or registrars. It appears only for courses, certifications, curricula, and packages and not for subscriptions and private class purchase.

Add additional expenses for class

The Catalog Administrator can now add additional expenses to a course, delivery mode, and a class, like meals, travel, and accommodation so that the external user can pay for it while buying the class.

In the **Policies** tab of the class, the Catalog Administrator must use the **Add Additional Charges** link to add the extra expenses.

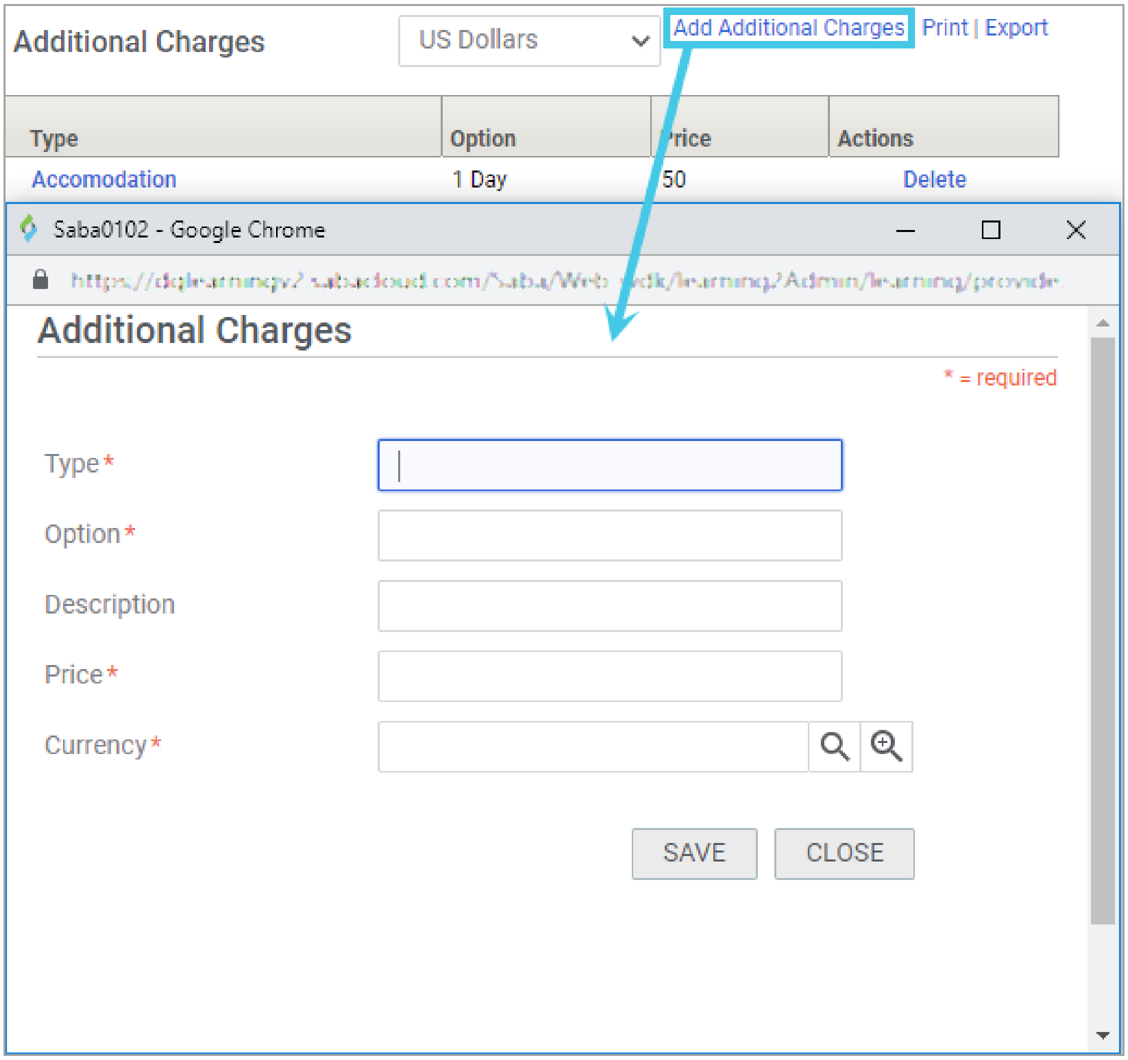


Figure 55: Add Additional Charges

If you want to add multiple charges for a same type, then keep the **Type** same. For example, if you want to add multiple entries for food, then specify *Food* in the **Type** field and the type or quantity in the **Option** field.

Once you add these additional charges to a class, it will be mandatory for the user to select the options while payment. If there is an option for you to decline the additional expense altogether, in that case, it is recommended to provide an option with no price. Refer the figure **Additional Expenses for user**, where **None** is provided as an option without price under **Accommodation** and **Lunch**.

As an external user, you can select and pay for the additional expenses while buying the class.

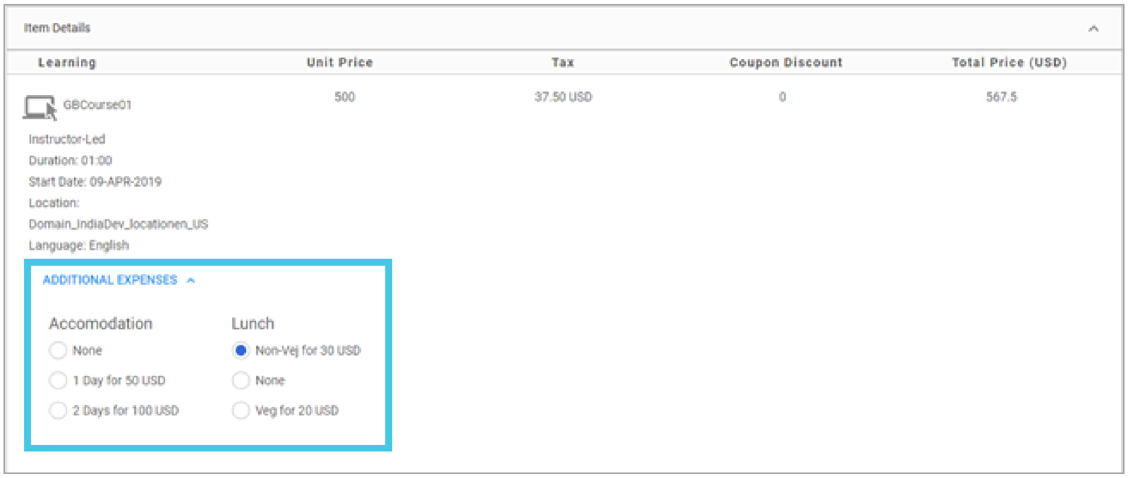


Figure 56: Additional Expenses for user

On selecting the desired option, you can notice the change of price in the **Item Details** and **Order Summary** section. After purchasing a class with additional expense, you can view the expense details in **ME** > **Order History** > *<your-order>* > **View details** action.

Figure 57: Expense details

Note: The **Additional Expenses** section appear only on the new check out page.

Save card details and select the preferred mode of payment

The external user can now save their card details and select a preferred mode of payment. These features will be available only when your System Administrator enables the following properties in your Microsite:

- Allows users to save the card

  By default, this property is disabled. When enabled, the **Save card details** checkbox appears in the Credit Card section on the Check Out page. Select the checkbox during your first transaction to save the card details. In the future orders, the same details will populate. This is currently applicable only for Cybersource and Stripe.

  Note: You will have to enable the Recurring Billing or Secure Storage service for the merchant to use this feature for Cybersource.

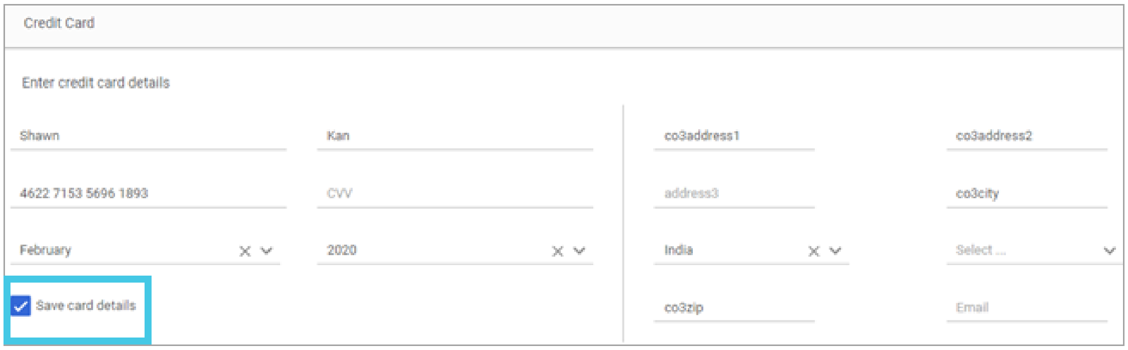


Figure 58: Save card details

- Set the preferred mode of payment

  By default, this property is disabled. When enabled, the **Default mode of payment** and **Payment detail** fields appear in your **Account Preferences** > **Learning preferences** section. The selected mode of payment with details reflect in the **Payment Method** section on the Check Out page. You can continue to place your order without entering the payment details again.

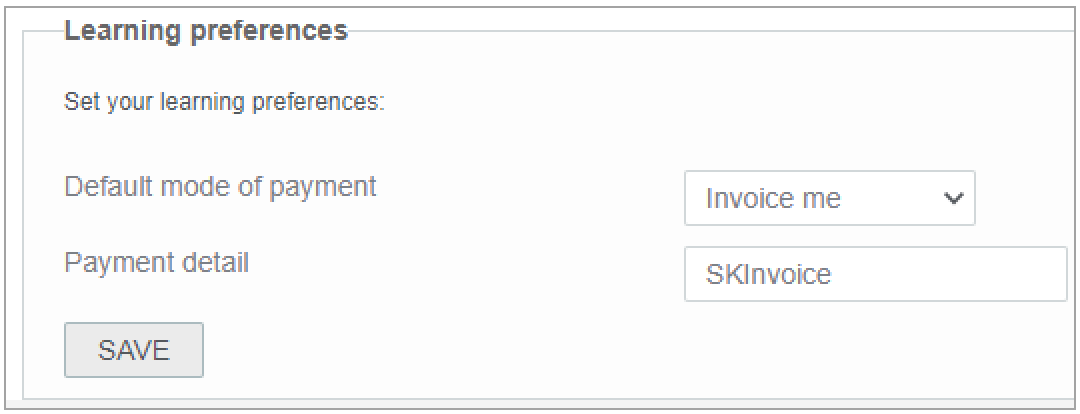


Figure 59: Learning preferences to select mode of payment

Figure 60: Selected mode of payment in Review Order page

You can still update or delete the default payment and select another payment type.

Note: As a System Administrator, you can disable or enable these properties by navigating to **System** > **Configure System** > **Microsite** > *<site-name>* > **Site properties** tab > **Payment Configuration** property.

Use Case

By displaying all the sections on one page, the Check Out page is simpler to view. It also improves the usability of the class where an administrator has the ability to provide additional expenses to a user while purchasing the class. This will also benefit the users as they do not have to add their expense reports later. The user can also save the preference and use it to make the payment instantly.

Chapter 4

Learning

Topics:

This section includes topics to guide you through new features and enhancements under Learning.

Assessments

Export test questions

How did it work?

Saba Cloud supported the ability to migrate several assessment objects from systems outside of Saba Cloud into Saba Cloud using the **Assessment Migration** feature. However, there was no ability to migrate assessment objects from one Saba Cloud instance to another.

How does it work now?

Saba Cloud now provides the ability to export and download test questions with the new **Export** feature under **Assessment Migration**. This feature allows Assessment Administrators to migrate assessment objects from one Saba Cloud instance to another.

Note: The **Assessment Migration** feature is available only if the **Advanced Assessment** service is enabled by your system administrator.

The **Assessment Migration** page now displays two tabs, namely **Import** and **Export**. The **Import** tab covers the existing migration functionality, while the **Export** tab covers the new question export functionality.

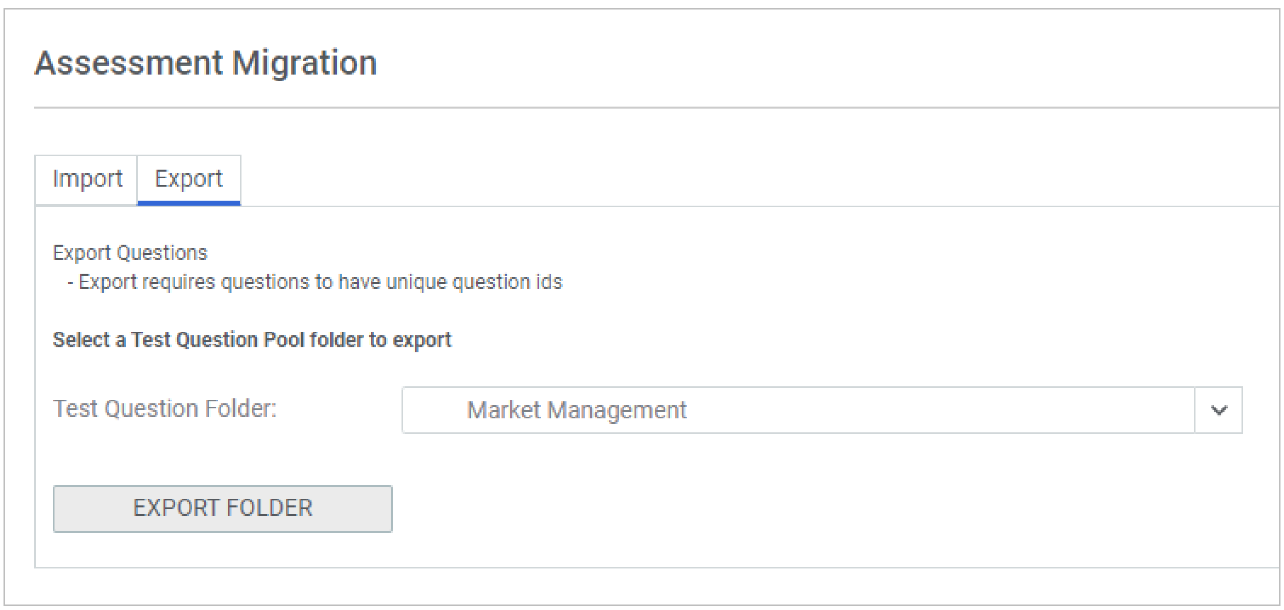


Figure 61: Export test questions

To export test questions, navigate to **Learning** > **Manage Assessment** > **Assessment Migration**, and click the **Export** tab. Select the required folder from the **Test Question Folder** dropdown list and click the **Export Folder** button. Saba Cloud exports the selected test question folder in a ZIP file format. The export includes question translations and media as well.

Currently, export of only test questions is supported.

Note: To prevent duplicate questions, the export requires questions to have unique question IDs.

Use case

Assessment Administrators can conveniently export questions with question translations for import into other Saba Cloud instances.

Increased character limits for assessment questions

How did it work?

Saba Cloud supported the following character limits for the fields noted below in assessment questions:

- Question = 2000 characters
- General Feedback = 1000 characters
- Correct Answer Feedback = 1000 characters
- Incorrect Answer Feedback = 1000 characters

How does it work now?

Saba Cloud now supports increased character limits for the following fields in assessment questions:

- Question = 40000 characters
- General Feedback = 2000 characters
- Correct Answer Feedback = 2000 characters
- Incorrect Answer Feedback = 2000 characters

Note: The character limits for these fields include formatting or styling tags as well.

Saba Cloud displays an appropriate error message when you exceed the character limit for any of these fields.

Use case

Assessment questions need to support more characters for text intensive fields such as question and feedback. This is especially helpful for organizations who are migrating their assessment data from external systems into Saba Cloud.

Add viewer role for simple survey

How did it work?

The user who creates a simple survey had to manage all the other actions associated with the survey.

How does it work now?

You can now add a viewer to a simple survey who can perform certain actions on the survey. As an administrator, you can associate a viewer to a custom survey while creation from **Pulse 360 > Dashboards > Custom Surveys > Create Custom Survey Launch > Add Viewer** link on the **Custom Survey Launch Information** tab. As an author, you can also add a viewer after the survey creation. You can only add viewers belonging to your domain. Once you add a viewer to a survey, a **Survey Viewer Role** privilege gets automatically added to that user.

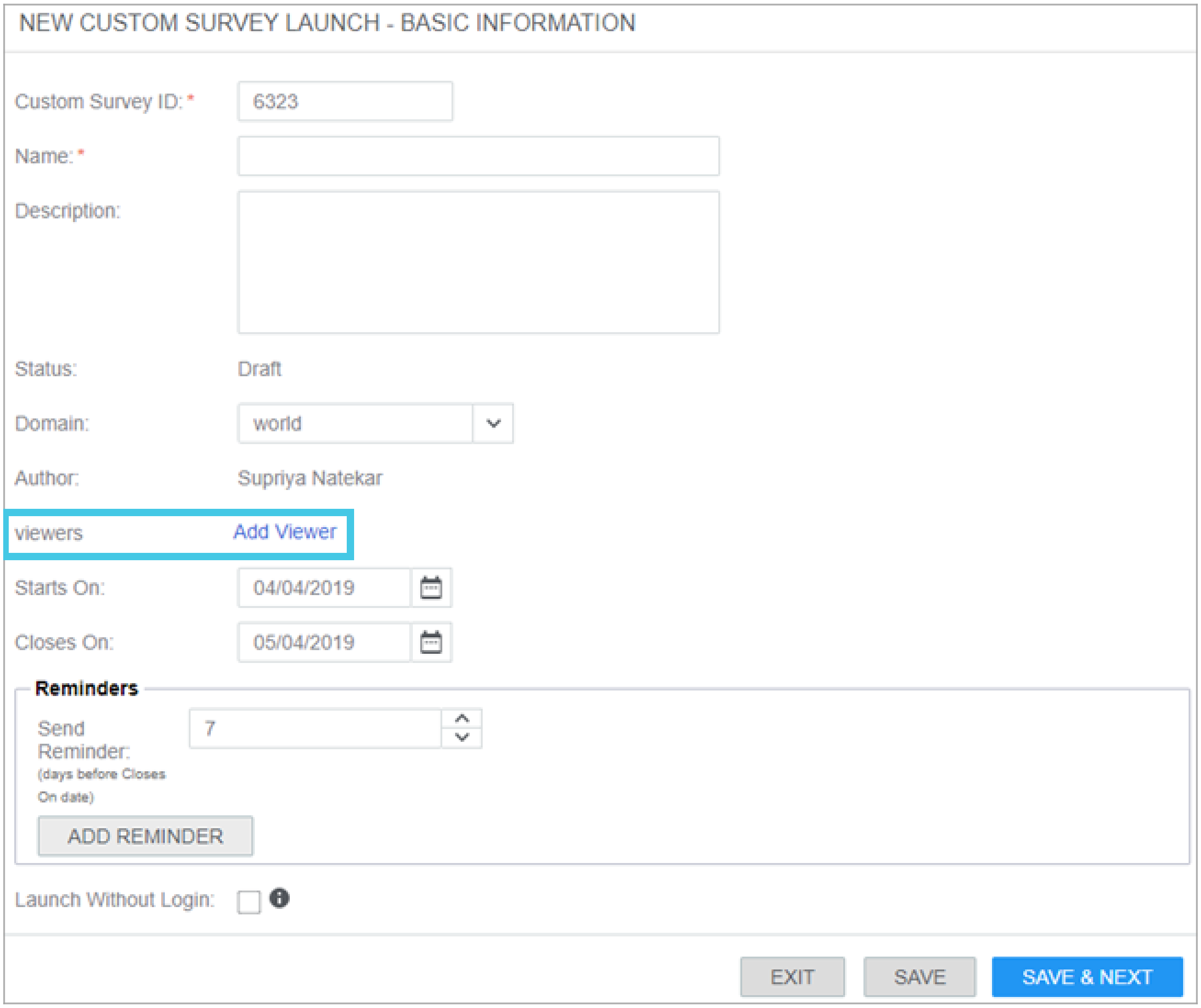


Figure 62: Add Viewer while creation

As a viewer, you can perform the following actions on the survey:

- Manage Members - Allows you to add members.
- Add Viewer - Allows you to add viewers.
- Process Now - Allows you to process the survey.
- Send Reminder - Allows you to send the reminder to the added members to take the survey.
- Show Details - Allows you to view the summary of the survey.
- Close Survey - Allows you to close the survey if its completed or no longer needed.
- Analyze Responses - Allows you to analyze responses of the members who have taken the survey.
- Export Responses - Allows you to export the responses to Microsoft Excel.

The **View** search filter has been added on the **Launch & Monitor Custom Surveys** page that allows you to filter surveys based on the Author and Viewer view.

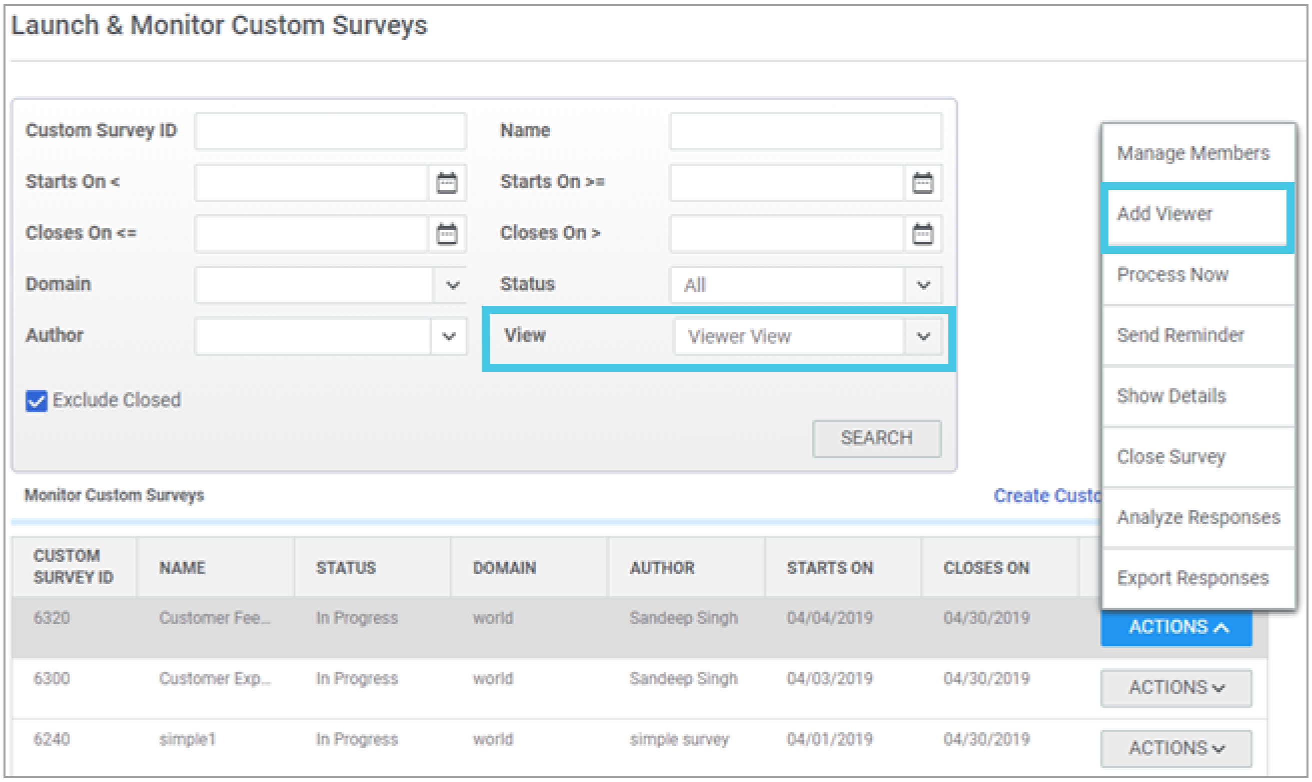


Figure 63: Viewer View and Add Viewer after creation

On the **Me** > **Manage Survey** page, you can toggle between the Author and Viewer view. In the Author View, you will see all the surveys authored by you. In the Viewer View, you will see all the surveys where you have been added as a viewer.

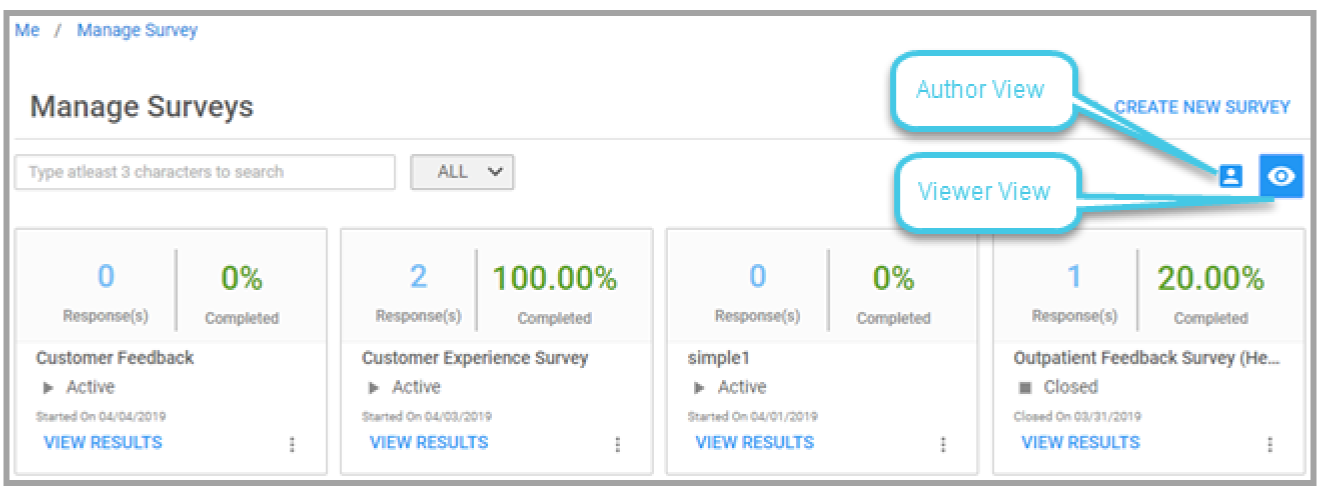


Figure 64: Author and Viewer View on Manage Survey page

You can also add viewers after publishing the survey by clicking the ellipses corresponding to the **active** survey and clicking **Add Viewers**.

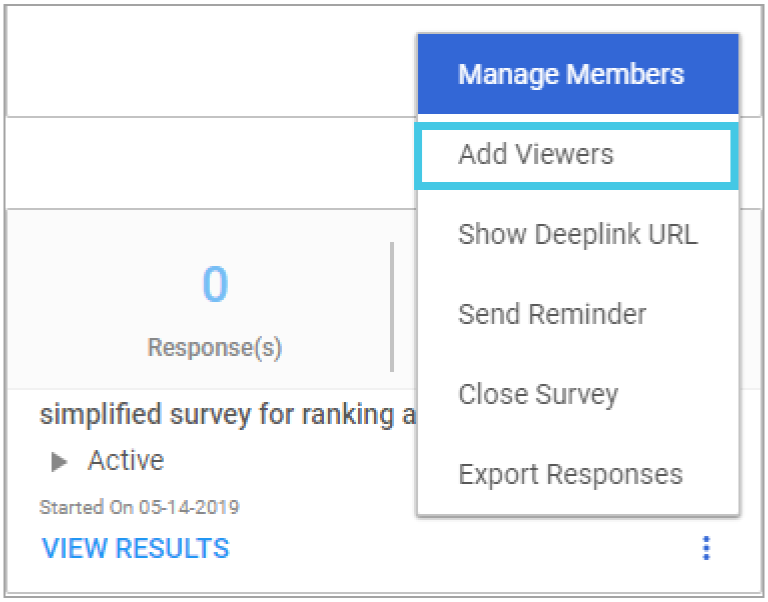


Figure 65: Add Viewers to the active survey

Use Case

This allows the author to assign a viewer to a survey where the viewer can track the further progress on the survey.

Content

Support for Nginx 1.14.2

How did it work?

Saba Cloud supported Nginx version 1.10.2 Web server for secured content deployments.

How does it work now?

Saba Cloud now supports Nginx version 1.14.2 Web server for secured content deployments.

To upgrade your Nginx Web server, submit a request. For more details, contact Saba support.

Use case

You must install the latest version of Nginx Web server to enhance content security.

Modern content player

How did it work?

Saba Cloud used the NG Player to launch content for courses created using the simplified course creation work flow. This player is responsive and supports the latest HTML5 standards to display content. However, the content in regular courses could be launched only using the regular Saba Content Player. The Saba Content Player did not support these capabilities.

How does it work now?

Saba Cloud now adds support to launch content using a new predefined content player template called the **Modern Content Player Template**. This player template is responsive and uses the latest HTML5 standards to display the content.

To support the modern player template, Saba Cloud now adds the following new field to the content player template:

- **Player View**

  This field support the following options:

  - **Classic** - Selecting this option launches the content player in the classic view.
  - **Modern** - Selecting this option launches the content player in a modern view that is responsive and uses the latest HTML5 standards to display the content.

For the new **Modern Content Player Template**, this property is set to **Modern** by default.

While creating a new custom player template, the default value of **Player View** field is set to **Modern**.

Note:

- Modern player requires Remote Content Server (RCS) 1.7 to launch Deployed SCORM content.

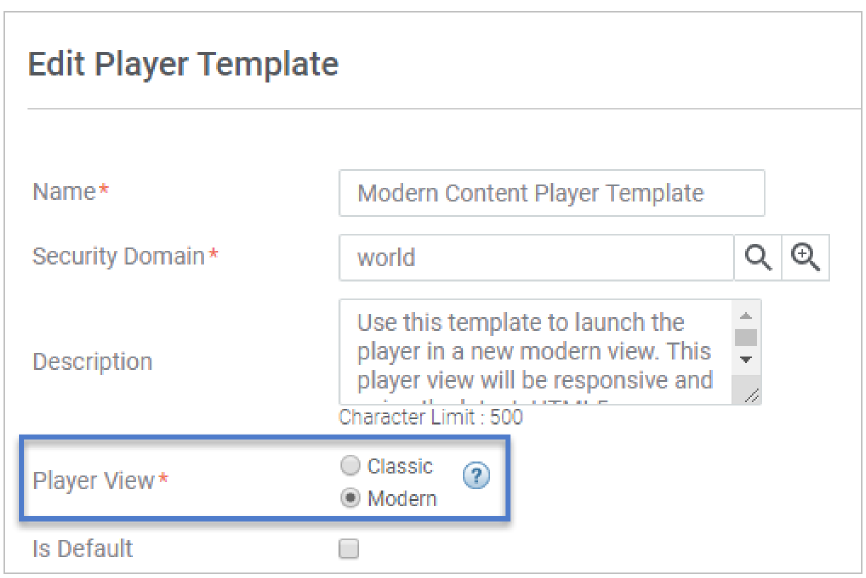


Figure 66: Modern Content Player Template

The **Player View** field is available for the following predefined player templates but is set to **Classic** by default:

- Standard Content Player Template

- Simple Content Player Template
- New Window Standard Template
- OpenSesame Content Player Template
- Mobile Content Player Template
- Virtual Class Recording Player Template
- Content Diagnostic Template

The **Player View** field is not available for the following assessment-related predefined player templates:

- Assessment Player Template
- Recruiting Assessment Player Template
- Pulse Custom Survey Player Template

If you set the **Player View** field to **Modern** for a template, then the following template properties are not available:

- Width
- Height
- TOC Width
- Hide SCO Title
- Minimize Border
- Player Theme Color
- Enable Gradient
- Show Table of Contents
- Launch Mode - The 'Open Player in New Window' option is not available.
- Launch Size
- Show Console
- Console Height

The **Customize Header** and **Customize Footer** tabs are also not available for the **Modern** player view.

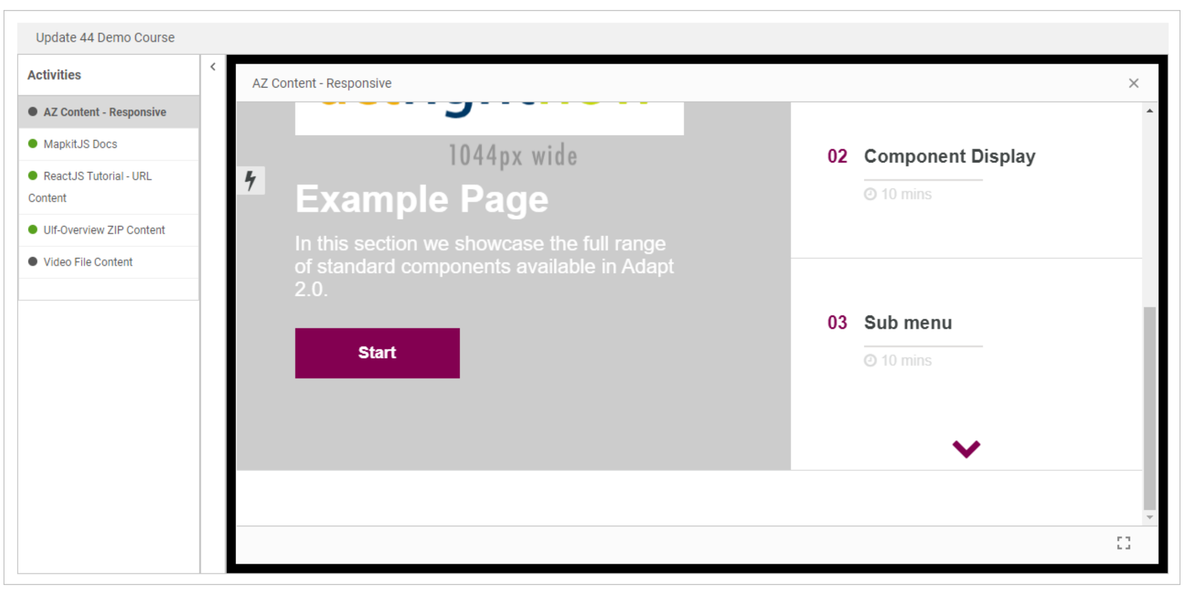


Figure 67: Modern player with multiple activities

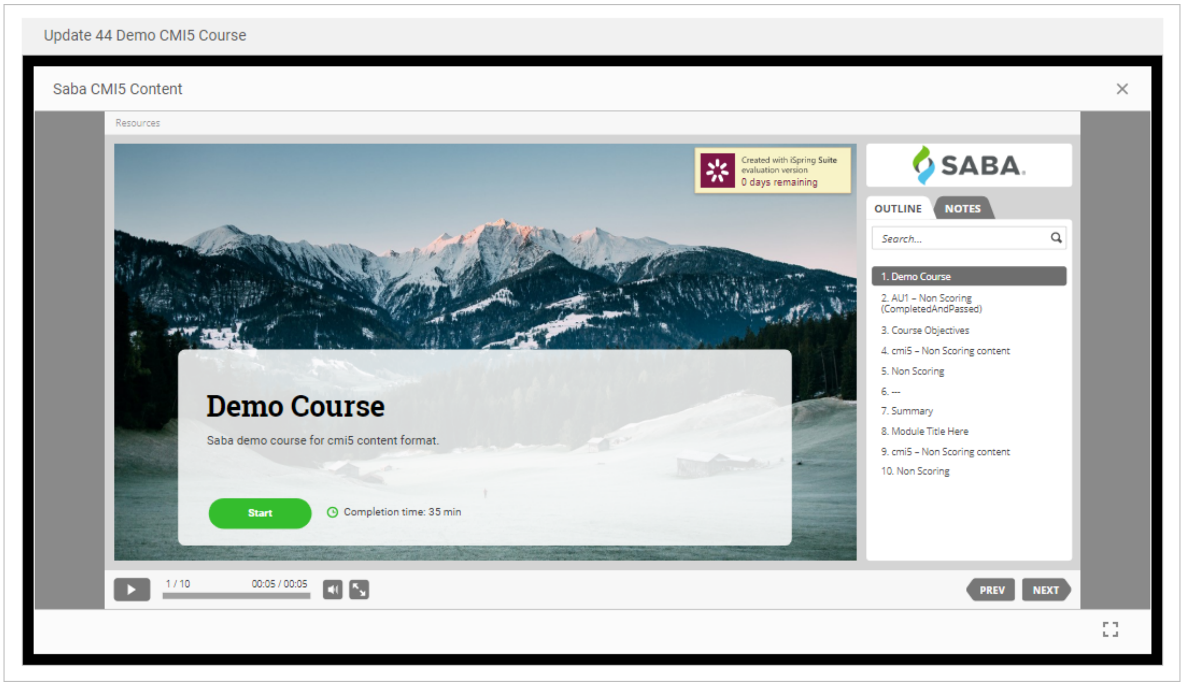


Figure 68: Modern player with single activity

Launch behavior

- When users launch content from the regular class details page, Saba Cloud opens the Modern player in a new tab.
- When users launch content from the enhanced class details page, Saba Cloud opens the Modern player in the same tab/window.
- The Modern player launches content in a new window in the following cases:
  - When CDN is enabled on content server and SCORM content is launched in the Modern player.
  - When users launch content of type HTTP (non-secured) URL in Modern player.
- When users launch checklists or tasks, the Modern player opens the activity in a full screen modal popup.
- When administrators launch content to preview it, Saba Cloud opens the Modern player in a new tab.
- All content activities in the class are displayed in the Activities TOC of the Modern player. This allows users to launch different contents from within the player without closing the player.

  Notes:

  - The Activities TOC in the Modern player is displayed only to end users. It is not available to administrators.
  - The Activity TOC is not displayed for classes with a single activity.
  - The Content TOC is not displayed for single SCO SCORM contents. Also, the content TOC is not displayed for single item contents like File, URL, ZIP, and Tin Can.

Changes to existing player templates

After this update, the **Player View** field is set to **Classic** by default for all existing custom player templates.

Use case

Content standards evolve and organizations subscribe to the latest content that is responsive and that supports the latest HTML5 standards. Saba Cloud supports a content player that displays such content to provide a seamless experience to users.

Import additional attributes for OpenSesame content

How did it work?

When OpenSesame content was imported into the Saba Cloud content library, the associated metadata was not imported and stored.

How does it work now?

Saba Cloud now imports and stores the following metadata attributes when OpenSesame content is imported into the Saba Cloud content library:

- Image
- Duration
- Tags
- Categories
- Language
- Vendor
- Competency (stored as part of content description)
- Recommended Level (stored as part of content description)

The **Content Metadata** tab for the imported content displays some of the metadata information in the existing fields:

- Language
- Tags
- Description

These additional metadata attributes are associated with the course or class to which the content is added.

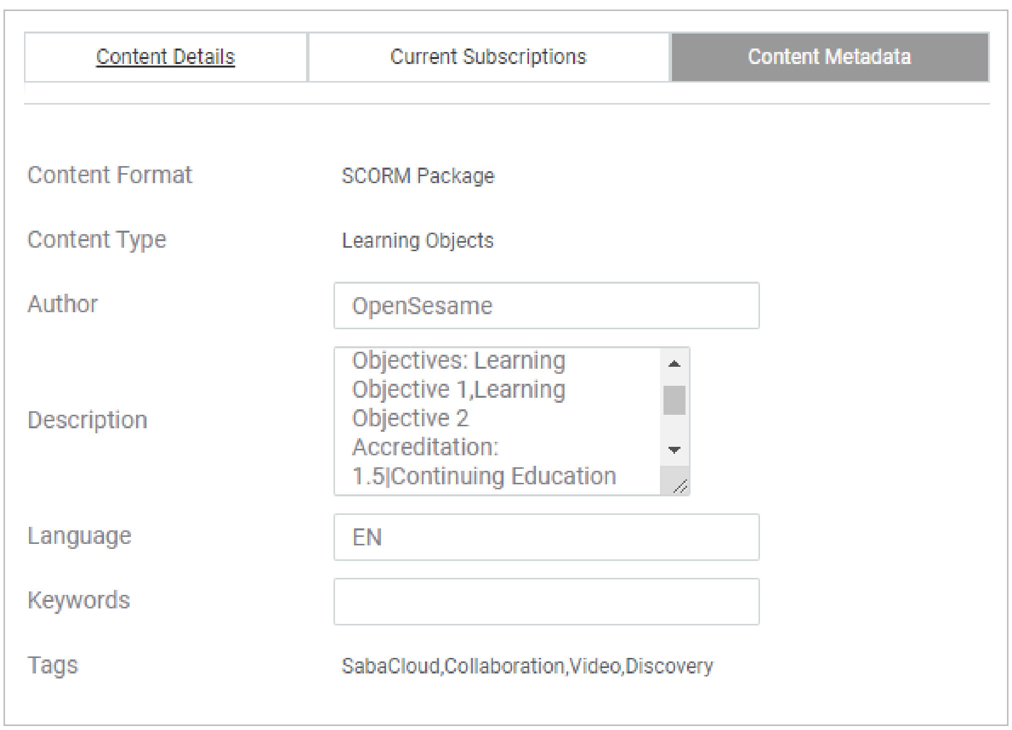


Figure 69: OpenSesame content metadata

Categories

The synchronized categories are displayed in the new **Category** section of the **Content Details** tab.

Note: The categories are synchronized and displayed only if the **Sync Categories from OpenSesame to Saba** checkbox on the OpenSesame settings page is selected in Marketplace.

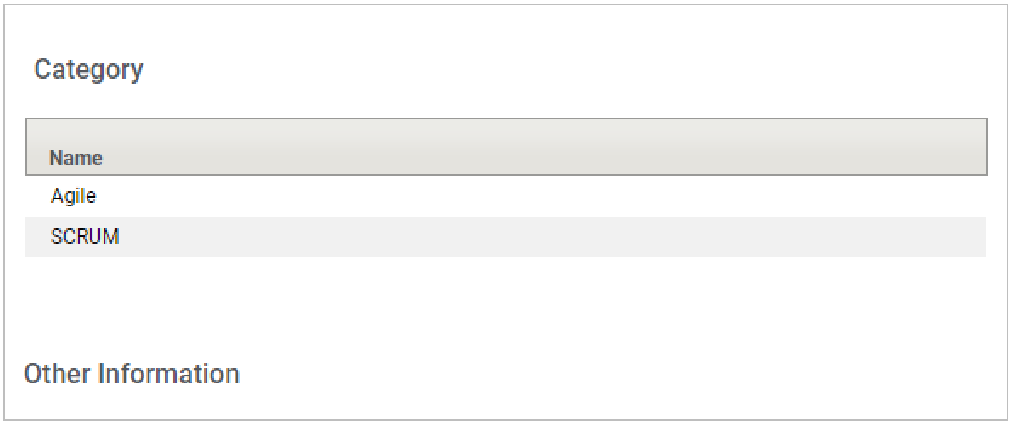


Figure 70: OpenSesame categories on Content Details tab

OpenSesame now sends the category structure with each course. Categories are imported into Saba Cloud based on the hierarchical structure provided by OpenSesame. The vendor categories cannot be edited. OpenSesame categories can be viewed under **Admin** > **Learning** > **Manage Categories** > **Categories** under a top-level 'OpenSesame' category.

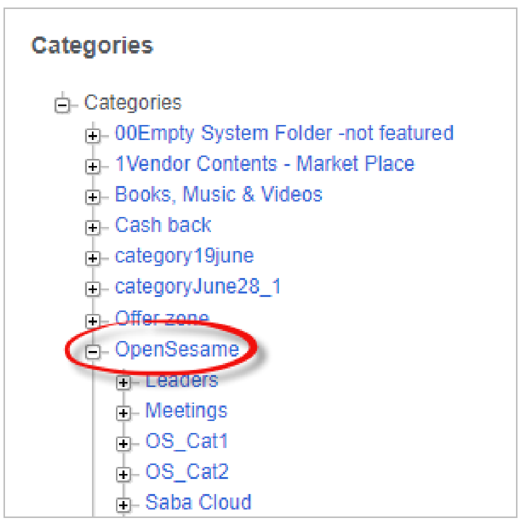


Figure 71: OpenSesame categories under Manage Categories

Learners can also browse OpenSesame categories from the **Browse** menu.

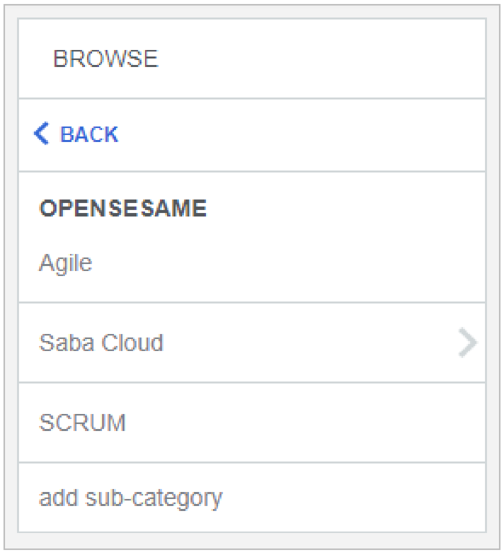


Figure 72: Browse OpenSesame categories

Images

Course images from the OpenSesame content are assigned to a course when a new course or content is created or when an existing course or content without image is updated.

To consume these images, Saba Cloud provides support for image URLs. The image URL is sourced from the content vendor to retrieve the course image and store it in the Saba content library.

Saba Cloud enhances the **Course** component to provide support for course image URLs from integrated content vendors. For more details, see Support image URLs to pull images from content vendors.

Languages

The language from OpenSesame content is assigned to a course and WBT class based on the language data imported from OpenSesame. By default, a course is created in the locale that is set in user preferences. In addition to this default language, Saba Cloud adds the language that is received from OpenSesame to the course and WBT class.

Tags

Tags from OpenSesame are assigned to both content and course.

Competency and **Recommended Level**

They are appended to the description of the course and content to make it more useful for learners taking the course.

Changes to existing import behavior for OpenSesame content

Prior to this update, if you tried to import the same OpenSesame content again into Saba Cloud, then the import failed with an error.

Now, if you import the same OpenSesame content again (that is, if the external ID is present in the system) and if the ZIP is available, then Saba Cloud imports the content again and updates the content metadata. Saba Cloud even updates the course metadata. If the ZIP file is not available, then Saba Cloud only updates the metadata without importing the content.

Use case

Saba Cloud retrieves additional metadata for content imported from vendors such as OpenSesame to allow Content Administrators and users to browse and find the imported content in a better way.

Support image URLs to pull images from content vendors

How did it work?

Saba Cloud supported image file upload to a course. However, there was no support to retrieve a course image using an image URL when a course is imported into Saba Cloud from an integrated content vendor.

How does it work now?

Saba Cloud now provides support to retrieve course images using the image URLs when a course is imported into Saba Cloud from an integrated content vendor such as OpenSesame.

Course images from a content vendor are assigned to a course during course or content creation and if an existing course or content has no image.

To consume these images, Saba Cloud provides support for image URLs. The image URL is sourced from the content vendor to retrieve the course image and store it in the Saba content library.

The following figures illustrate a course content imported from OpenSesame into Saba Cloud. You can see how the course image is directly retrieved from the content vendor using the image URL.

Figure 73: OpenSesame course

Figure 74: OpenSesame course imported into Saba Cloud

The Offering Template (**Course**) component is enhanced to include the following new attributes, which are only consumed internally by Saba Cloud REST APIs:

- **Vendor Image URL** - Provides the image URL for the course. If this URL is not provided, then the course is created with the predefined default image of the course.
- **Ignore Image Upload Exceptions** - Used to avoid or expose exceptions during the image upload process of the course. The default value is 'true', which ensures the course creation process does not fail due to an invalid image URL or other upload process failure.
- **Refresh Image From Vendor Image URL** - Used to refresh the course image from the URL provided in 'Vendor Image URL' attribute during course update. The default value is 'true', which ensures the latest course image is retrieved during content import.

Note: There are no changes to the user interface for course image upload.

Updated REST APIs

The following REST APIs are also updated to support the additional calling options for pulling the images from content vendors:

- CREATE A NEW COURSE
- UPDATE DETAILS OF A COURSE

Table 12: Additional Calling Options

Name	Description	Sample Value	Data Type	Required?
vendorImageURL	The image URL for the course. If the URL is not provided then the course will be created with the default image of the course.	`ht~tps://www.<host~name>.com/com~mons/c/ca/sample-image.png`	string	No
refreshImageFrom~VendorImageURL	It is used to refresh the course image from the URL provided in vendorIm~	true	boolean	No

Name	Description	Sample Value	Data Type	Required?
	ageURL at the time of course update. At the time of course creation the default value will be true while at time of update default value will be false. Accepts true or false.			
ignoreImageUploadEx~ceptions	It is used to avoid or expose exceptions raised during the image upload process of the course. The default value is set to true, just to make sure that the course creation pro~cess will not fail due to an invalid image URL passed or any other image upload process failure. Accepts true or false.	false	boolean	No

Bulk Content Import enhancements

The **Bulk Content Import** data import object is enhanced to support bulk import of course image URLs. For more details, see Bulk content import enhancements.

Use case

Saba Cloud provides a seamless and modern user experience when learners search and consume content that is sourced through the integrated content vendors.

Increased SCORM 1.2 suspend data limit

How did it work?

Prior to this update, Saba Cloud supported a maximum of 4096 characters for SCORM 1.2 suspend data. At times, this limit caused issues with SCORM 1.2 content for learners who tried to bookmark content or even complete the content in more than a single attempt.

So, if a learner exited the SCORM 1.2 content before finishing it and then relaunched the content, the suspend data returned by Saba Cloud would be incomplete. Resultantly:

- Learners would be returned to an earlier page than the one they exited from.
- If suspend data was used to track pages visited or sections completed, then it meant that learners could get to the last page of the lesson or even pass the test, but still not be marked complete.

How does it work now?

With this update, the limit on SCORM 1.2 suspend data, that is, the data the LMS stores for the content in-between launches, has been increased in Saba Cloud from 4K (4096) characters to 64K (65536) characters.

The 64K character limit has been standard for SCORM 2004 3rd Edition. This means that your SCORM 1.2 content can now support the same amount of data as SCORM 2004 3rd Edition, and can handle higher levels of complexity available from the content authoring tools.

Use case

Many users faced issues while bookmarking or completing SCORM 1.2 content due to the suspend data limit of 4096 characters in Saba Cloud. When learners exited the content prior to finishing it, the suspend data sent to Saba Cloud exceeded the 4096 character limit. Thereby, when learners relaunched the content, the data returned by Saba Cloud would be incomplete.

Learning Activity

New named queries to notify mandatory learning

How did it work?

You could not send separate messages in reminder notifications to learners and managers for mandatory learning due for learners.

How does it work now?

Saba Cloud now provides an option for configuring reminder notification emails with a separate message specifically for mandatory learning due for learners, by introducing the following new named queries:

For Learners

- Learner whose learning activity is not acquired and learning is marked as mandatory
- Learner whose learning activity is not acquired and learning is Not marked as mandatory

For Managers

- Manager of learner whose learning activity is not acquired and learning is marked as mandatory
- Manager of learner whose learning activity is not acquired and learning is not marked as mandatory
- Organization Manager of learner whose learning activity is not acquired and learning is marked as mandatory
- Organization Manager of learner whose learning activity is not acquired and learning is not marked as mandatory
- Alternate Manager of learner whose learning activity is not acquired and learning is marked as mandatory
- Alternate Manager of learner whose learning activity is not acquired and learning is not marked as mandatory

The new named queries are added for the following existing notification events:

- Course Due in X Days
- Recurring Course Due in X Days
- Certification Due in X Days
- Curriculum Due in X Days

System administrators can configure these named queries by navigating to **Admin > System > Manage Notifications > Events** and editing the required notification event.

Use case

Organizations need to send a different message in a reminder email for learning that is assigned as mandatory than those just assigned for personal development. By providing new named queries, organizations can configure notifications to send separate messages to learners for their mandatory learning.

Changes to notification events and named queries for classes

How did it work?

Even when the person added to an ILT class was not an Instructor, Saba Cloud triggered the "Instructor-Led Class Instructor Changed" notification event to learners registered for the class.

How does it work now?

This update first addresses the notification title to represent what actually triggers the event, which is the addition of a Resource to an event and not a change to a Resource as previously indicated by the title.

Table 13: Changes to class notification events

Old Name	New Name	Service	Description
Instructor-Led Class Instructor Changed	Instructor-Led Class Person Resource (Instructor) Added	ILT Class	This event is triggered when any person resource such as an Instructor is added to an ILT class.
Blended Class Instructor changed	Blended Class Person Resource (Instructor) Added	Blended Class	This event is triggered when any person resource such as an Instructor is added to a Blended class.
Virtual Classroom Instructor changed	Virtual Classroom Person Resource (Instructor) Added	Virtual Classroom	This event is triggered when any person resource such as an Instructor is added to a Virtual Classroom.

Further, this update also introduces two new named queries to provide the administrator with the ability to be more specific to whom the email will be sent based on the purpose. For example, you can now send an email to only person resources who have a purpose of Instructor and thereby avoid sending the same to other person resources.

The following new named queries are added to these notification events:

- List of instructors added to the class
- List of person resources added to the class

System administrators can configure these events and named queries by navigating to **Admin > System > Manage Notifications > Events** and editing the required notification event.

Use case

Learners must receive correct notifications when a person is added as a resource to a class. By providing new named queries, organizations can configure these notifications to send separate messages to learners.

New notification for discontinued courses

How did it work?

There was no way of notifying users when a course assigned to them was discontinued.

How does it work now?

This update introduces the following new notification which can be configured to inform users when a course assigned to them is discontinued:

Table 14: New notification

Notification	Type	Description
Course discontinue in X days	Periodic	Triggered *X* days before the discontinue date of a course, where *X* is defined in the **Reminders** field in the event.

This notification supports the following keywords:

Table 15: Supported keywords

Existing Keyword	New Keyword
@CourseActivity_Course_title@	@CourseActivity_Course_Discontinue_Date@
@CourseActivity_Due_In_Days@	
@CourseActivity_Learner@	
@CourseActivity_Learner_FirstName@	
@CourseActivity_Learner_Manager@	
@CourseActivity_Learner_Manager_FirstName@	
@CourseActivity_Live_CourseDetailURL@	

Existing Keyword	New Keyword
@CourseActivity_Overdue_By_Days@	
@CourseActivity_Target_Date@	

This notification supports the following named queries:

Table 16: Supported named queries

Existing Named Queries	New Named Queries
Learner whose learning activity is not acquired	Course Creator
Manager of learner whose learning activity is not acquired	List of Course Owners
Alternate Manager of learner whose learning activity is not acquired	
Organization Manager of learner whose learning activity is not acquired	
Position Incumbent of a Parent Position marked Interim	
Position Incumbent of a Parent Position marked Primary	

System Administrators can configure this notification by navigating to **Admin** > **System** > **Configure System** > **Services** > **Learning** -> **Catalog** -> **Courses**.

Note: This notification is not triggered for users who do not have an active course assignment. For example, if a person searches the catalog, finds a course Leadership 101, and simply enrolls for it, then this notification is not sent to the person when the course is discontinued because there is no assignment.

Use case

Notify users when any course assigned to them is discontinued.

New notifications for class commencement reminders

How did it work?

There was no way of notifying managers if completions of any of their team members' learning were still due.

How does it work now?

This update introduces the following new notification that can be configured to inform managers if their team members were still due to complete their assigned learning.

Table 17: New notifications for classes

Notification	Type	Description	Service
Instructor-Led Class Com~ mencement Reminder as per Registration	Periodic	Triggered *x* days before an Instructor-Led Class commences, based on learner registrations for the class, where *x* is defined in the Reminders field of the event	ILT Class
Blended Class Commence~ ment Reminder as per Re~ gistration	Periodic	Triggered *x* days before a Blended Class commences, based on learner registrations for the class, where *x* is defined in the Reminders field of the event	Blended Class
Virtual Classroom Com~ mencement Reminder as per Registration	Periodic	Triggered *x* days before a Virtual Classroom com~ mences, based on learner registrations for the class, where *x* is defined in the Reminders field of the event	Virtual Classroom

System Administrators can configure this notification by navigating to **Admin** > **System** > **Configure System** > **Services** > **Learning** -> **Catalog** -> **Classes**, and editing the respective class service.

Use case

Managers must be notified when any of their employees are yet to complete a class within a specific number of days.

Override checklist evaluators from quick course wizard

How did it work?

When a checklist was added from the quick course wizard to an Online Course, Saba Cloud was overriding the checklist-level evaluators by default. So, the changes to the original checklist-level evaluators of the checklist were not reflected in the class and Learning Administrators remained under the impression that they have not overridden the evaluators, and so the changes in checklist are inherited to the class.

How does it work now?

Saba Cloud now allows Learning Administrators to manually override checklist-level evaluators while adding a checklist from the quick course wizard to an Online Course.

Learning Administrators must select the following new checkbox for a checklist in the quick course wizard:

- **Change evaluators for this class**

  If you select this checkbox for a checklist, then you can modify the existing checklist-level evaluators from the quick course wizard. The checklist is marked as overridden and any future changes to the original checklist's evaluators will not be applicable for this assignment. Any item-level evaluators are copied automatically. They cannot be overridden from the quick course wizard, but can be overridden from the advanced edit view of the course.

If you do not select this checkbox, then you cannot modify the existing evaluators of the checklist.

Once you select this checkbox for a checklist and save the changes to evaluators, the checkbox becomes read-only.

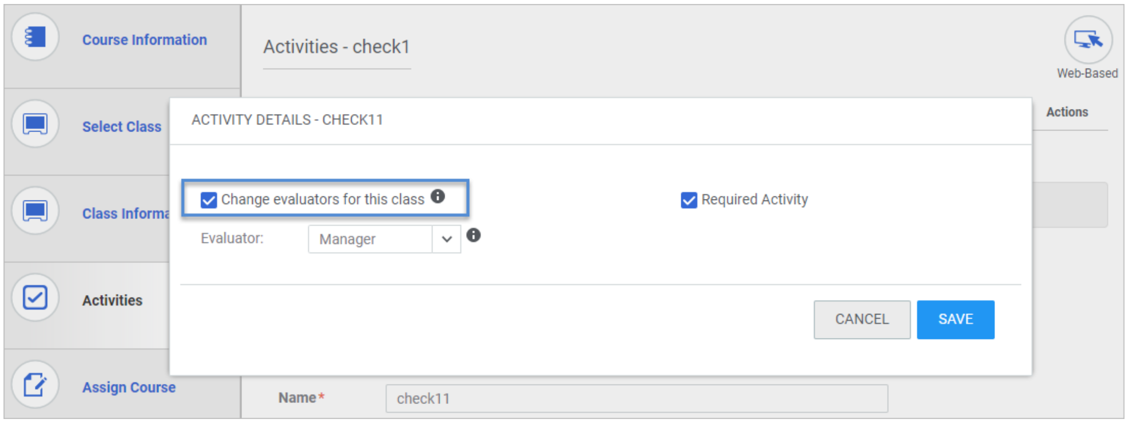


Figure 75: Override checklist evaluators

In the advanced edit mode for a course, Saba Cloud now indicates whether a checklist is overridden or not using the new **Is Overridden** indicator in the **Details** column for activities.

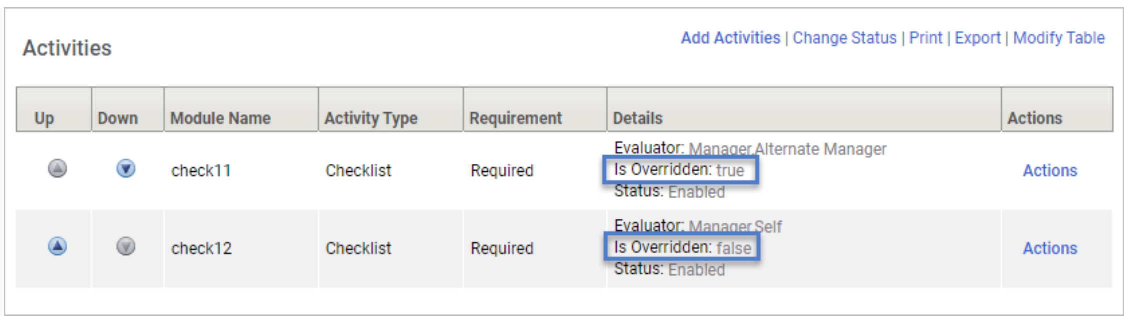


Figure 76: Is Overridden indicator in advanced edit mode

Use case

Administrators can override checklist-level evaluators from either the advanced edit mode or the quick course work flow.

Enhanced privilege check for learning badges

How did it work?

Even if an HR Administrator had no 'Edit' privilege on learning badges, they were able to associate learning events to the badges.

How does it work now?

Saba Cloud now prevents HR Administrators from associating or removing learning events with learning badges if they do not have 'Edit' privilege on the "Badge" component.

Now, if an HR Administrator has no 'Edit' privilege on a learning badge, then Saba Cloud does not display the following options on a badge:

- **Add Learning Event** link
- Delete icon for the learning event
- **Save** button for the badge

By default, this privilege is granted to the **Learning Admin - Local Catalog Admin** security role, where the Local Catalog Admin can associate learning badges to a gamified course during course creation.

Use case

Only users with the appropriate privileges can associate learning items to a learning badge.

Merge learning badge assignments during profile merge

How did it work?

During profile merge, even if the associated transcript records were merged, the badges for those transcripts were not merged.

How does it work now?

With this update, when you merge profile information from one profile to another, the merged transcript records carry over learning badges, if appropriate.

Currently, the badge assignments for following learning events are merged:

- Course
- Certification
- Curricula

Badges are merged for merged profiles only if the associated transcript records are merged.

Note:

- All regular badging logic applies. A badge cannot be given if it is not associated to the course at the time the transcript record is achieved.
- Badges will be merged only for profiles that will be merged after this update. Records merged prior to this update are not updated.

Use case

The reports for achieved badges now reflect correct data, including those for merged profiles.

Enhanced sorting for session-based classes

How did it work?

The sort order of session-based classes of a course was based on the location of the logged-in user.

How does it work now?

Saba Cloud now provides the ability to configure the sorting order of session-based classes of a course by introducing the following new setting:

- **Prefer Learner Location based class suggestion**

  If this setting is enabled, then session-based classes are sorted by class location. If disabled, then session-based classes are sorted by the class start dates.

  By default, this setting is enabled.

System Administrators can configure this setting by navigating to **System > Configure System > Services > Learning > Catalog > Classes**.

This new setting is not applicable to WBT classes.

Note: The sort order of classes does not apply to guest users.

Use case

Administrators have the flexibilty to sort classes based on the class location.

Display correct completion date for scheduled classes

How did it work?

For completed scheduled classes, the 'Completed On' date was displayed as the date when the class was manually marked complete instead of the scheduled class's end date.

How does it work now?

With this update, Saba Cloud now displays the Class End Date in the Completed On date field for completed scheduled classes and ad hoc transcripts, if the Class End Date is available. If the Class End Date is empty, then the date when a class is marked complete is displayed in the Completed On date field for ad hoc transcripts.

This change affects the following end user work flows:

- Plan page
- Completed learning portlet and page
- Course details page
- Class details page

Use case

Often, training administrators receive the attendance sheet from the trainer only after the training, So, for large training groups, it becomes confusing if the completion date of the training class is different for users from the same group.

Changes to class completion policy behavior

How did it work?

If the setting "Completion will be marked if All Content modules are successful or if no more attempts are available." was enabled on the Class service for a domain, and if the Completion Policy for a class was set to "Use inherited completion policy", then the policy displayed the static text "Class is marked complete automatically when all activities are marked complete.".

How does it work now?

The policy "Completion will be marked if All Content modules are successful or if no more attempts are available." cannot be set at the delivery mode and course level. So, it's value is always inherited from the domain-level setting.

With this update, Saba Cloud displays the completion policy value at the class level as follows:

Table 18: Changes to Class Completion Policy

Setting Name	Setting Value	Class Completion Policy Value
"Completion will be marked if All Content modules are successful or if no more at~tempts are available."	Enabled	Class is marked complete automatically when all activities are marked complete OR if no more content attempts are available.
	Disabled	Class is marked complete automatically when all activities are marked complete.

Use case

The class completion policy for classes must work in sync with the value set at the domain level.

Enhancements to the Roster Sign-in sheet

How did it work?

The Roster Sign-in sheet for a class did not include the session and instructor information.

How does it work now?

This update enhances the Roster Sign-in sheet for instructors to now include the session and instructor information upfront.

For session-based classes, when Instructors click the 'Print/Export' icon on the class roster, Saba Cloud opens the **Select Session** popup window that displays a list of sessions in the class. They can then select one of the sessions for which they would want to print the Roster Sign-in sheet. Once a session is selected, the Roster Sign-in sheet is launched and includes the selected session and its corresponding instructor's information in the header.

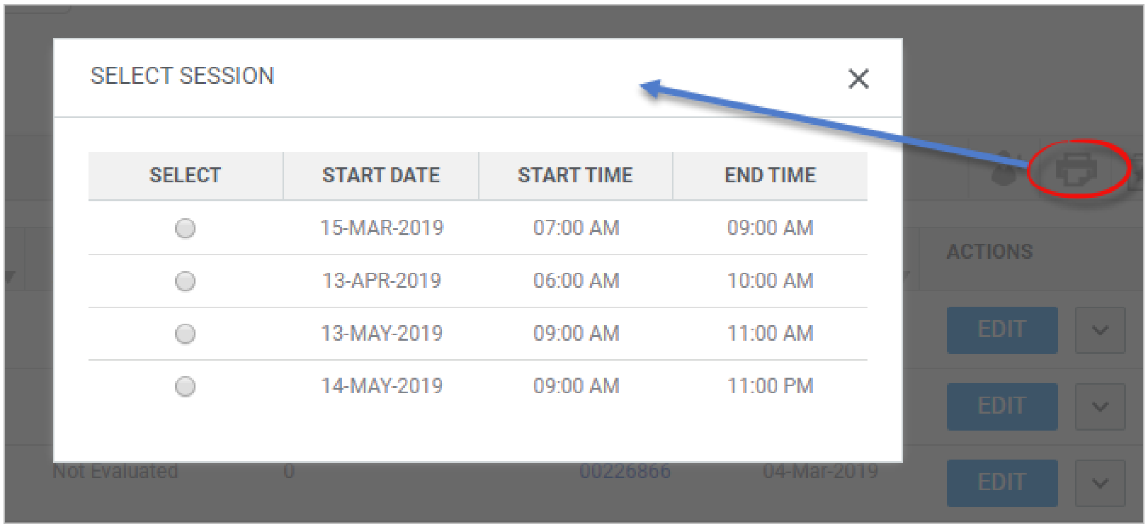
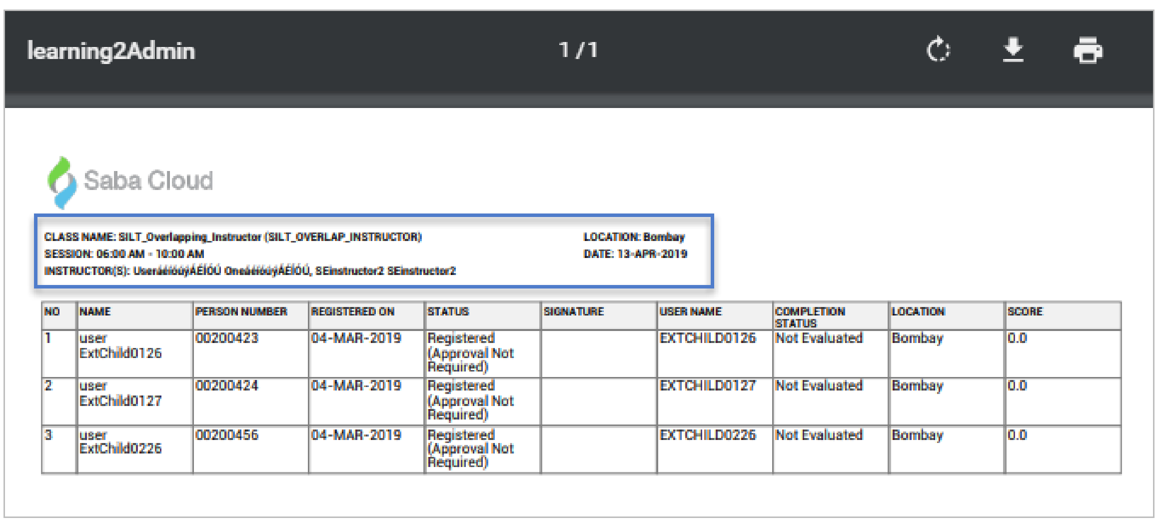


Figure 77: Print roster

For a WBT class, the Roster Sign-in sheet is launched directly by clicking the 'Print/Export' icon on the class roster.



CLASS NAME: SILT_Overlapping_Instructor (SILT_OVERLAP_INSTRUCTOR)
SESSION: 06:00 AM - 10:00 AM
INSTRUCTOR(S): UseráéíóúýÁÉÍÓÚ OneáéíóúýÁÉÍÓÚ, SEinstructor2 SEinstructor2
LOCATION: Bombay
DATE: 13-APR-2019

NO	NAME	PERSON NUMBER	REGISTERED ON	STATUS	SIGNATURE	USER NAME	COMPLETION STATUS	LOCATION	SCORE
1	user ExtChild0126	00200423	04-MAR-2019	Registered (Approval Not Required)		EXTCHILD0126	Not Evaluated	Bombay	0.0
2	user ExtChild0127	00200424	04-MAR-2019	Registered (Approval Not Required)		EXTCHILD0127	Not Evaluated	Bombay	0.0
3	user ExtChild0226	00200456	04-MAR-2019	Registered (Approval Not Required)		EXTCHILD0226	Not Evaluated	Bombay	0.0

Figure 78: Roster sign-in sheet

Use case

Instructors often conduct multiple sessions of a class in a day and it is very difficult for them to keep track of which session each roster goes with. The class roster can now displays this information at the top of the Roster Sign-in sheet.

Enhancements to certificate templates

How did it work?

When a large image was used in a certificate template, the image was truncated in the PDF version of the certificate of completion. There was no way to control the zoom factor of such images in the template.

How does it work now?

This update enhances the certificate template so that Learning Administrators can now control the zoom factor of certificate templates using the following new field under **PDF Display Configuration** section:

- **Zoom Factor**

  Control the zooming factor of a certificate template so images and other details in the PDF can be viewed with ease.

  The default zoom factor for a template is set to 1.2.

  To define this field, navigate to **Admin** > **Learning** > **Manage Learning Catalog** > **Certificate of Completion**, edit the required certificate and click the **Import Template** tab.

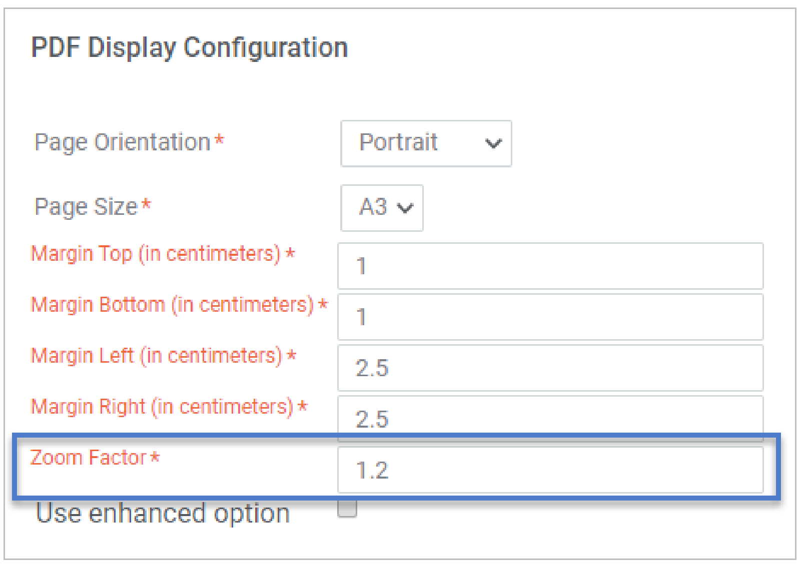


Figure 79: Zoom Factor

Use case

Large images embedded in a certificate of completion need to be displayed completely in the PDF version of the certificate.

Export certificate of completion for past course completions

How did it work?

When users completed a recurring course, Saba Cloud allowed them to print the certificate of completion for the latest successful attempt only. There was no option to print certificates of prior completions of the same course.

How does it work now?

Users can now export and print certificates for prior completions of a recurring course.

To export the certificate for prior completions of a course:

1. Search for the required completed course.
2. Open the course details page.
3. Click **View prior completions** link in the right side pane.

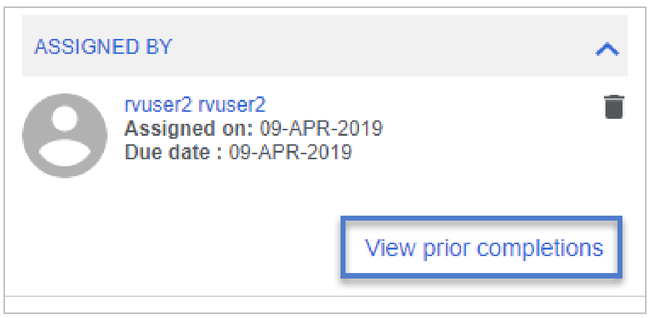


Figure 80: View prior completions

4. Click the **Export Certificate** button for any prior completion.

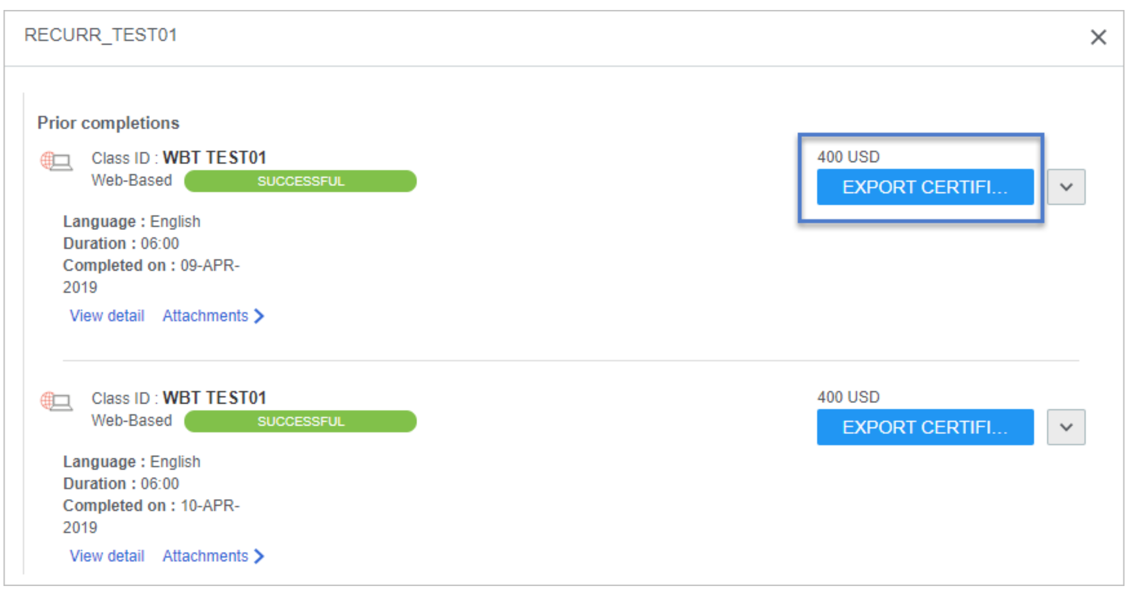


Figure 81: Export Certificate of Completion

Saba Cloud allows you to save the certificate as a PDF file.

Use case

To meet audit requirements, certain organizations need to export and print old certificates of completion for recurring courses completed by users in the past.

Changes to setting description for enabling order custom fields

How did it work?

The setting **Enable order custom fields for Learner and Manager** is not configurable by domain. However, since the description of the setting did not mention whether it was domain aware or not, administrators found it ambiguous.

How does it work now?

The description of the following setting on the Saba Cloud user interface is now enhanced to indicate whether the setting is domain aware or not:

Table 19: Changes to setting description

Setting Name	Previous Description	New Description
Enable order custom fields for Learner and Manager	Enable custom fields during order creation flows by Learner and Manager.	Enable custom fields during order creation flows by Learner and Manager. This setting is not domain aware.

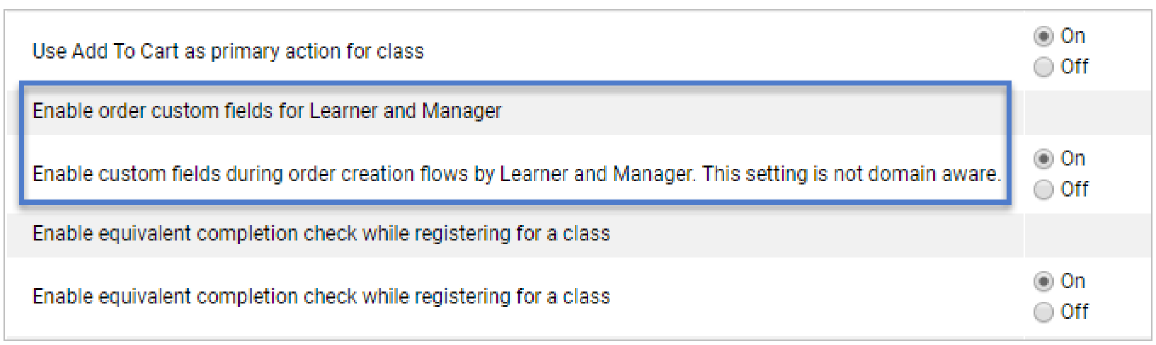


Figure 82: Enhanced setting description

To view the enhanced setting description, System Administrators can navigate to **Admin** > **System** > **Configure System** > **Services** > **Learning** > **Orders** > **Settings**.

Use case

The settings must explicitly describe the intended behavior so administrators can configure the system correctly.

Associate skills with certifications and curricula

How did it work?

Prior to this update, skills could be associated with courses only. However, there was no ability to associate skills with certifications and curricula.

How does it work now?

This update provides the ability to associate skills with certifications and curricula.

To add a skill to a certification or curriculum, Learning Administrators can click the **Related Info** tab > **Add Skill** link. They can search for the required skill and select a proficiency level for the skill.

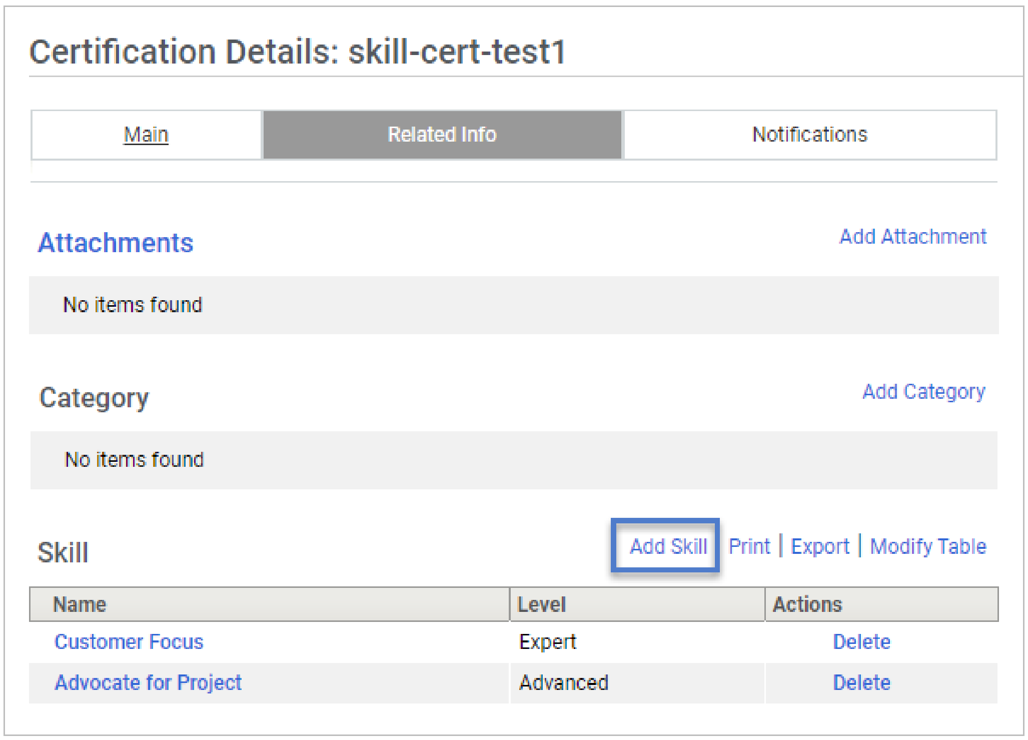


Figure 83: Add skills

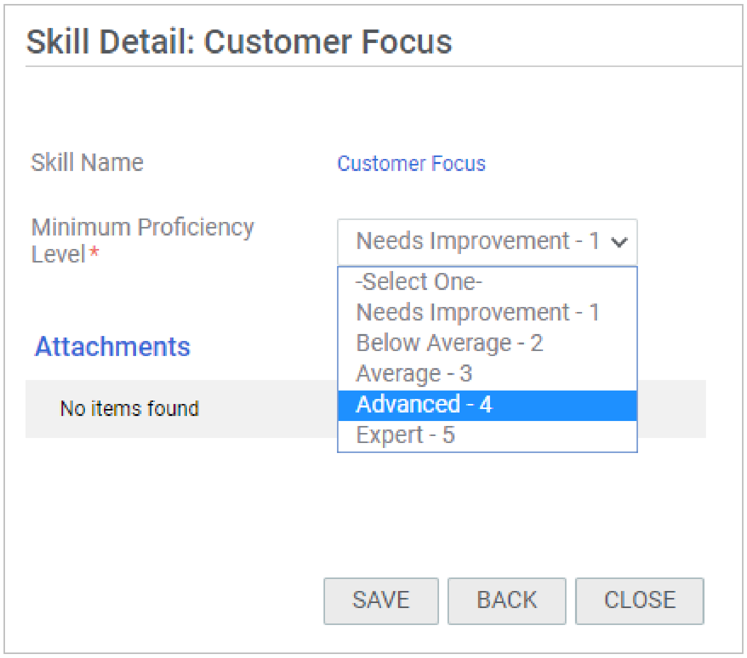


Figure 84: Select a proficiency level

When learners acquire the certification or curriculum, they receive the corresponding skills with their respective proficiency levels.

Notes:

- After completion of the certification or curriculum, if the administrator modifies the proficiency level and if the learner completes certification in the re-certification window, then the learner receives the skill with the latest proficiency level.
- After achieving a skill with a particular proficiency levels, if the administrator revokes the latest certification completion, then all held skills are revoked as well.
- On re-assignment and completion of a certification that was previously completed by the learner and revoked by the administrator, the learner receives the skill with the latest proficiency level.
- After completion of a certification or curriculum, if an administrator completely deletes the certification or curriculum from the learner's profile, then the held level of an associated skill that the learner achieved on completion of the certification or curriculum, is revoked from the learner's profile.
- Any new skills added to a certification or curriculum are only assessed for future completions done by the learners.
- Any skills removed from a certification or curriculum are not removed from the learner's profile if the learner has already acquired the skill via that certification or curriculum.

The skills and their associated courses, certifications, and curricula can be viewed from the learner's plan page. To view, click **Me** > **Plan** > **Skills Development**, and click the required skill title to open the skill details page. Any courses, certifications, and curricula associated with the skill are displayed as recommendations for developing the skill.

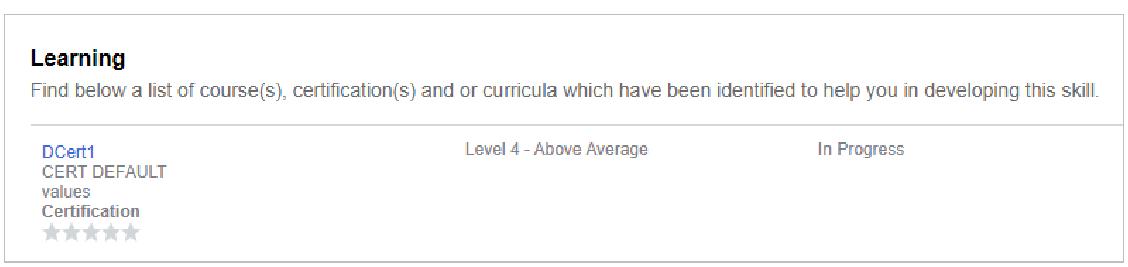


Figure 85: View recommended learning items for a skill

Additionally, when adding a skill to a goal in a learner's plan, the learner can add one or more skills to the goal and associate learning to each skill. In addition to courses, Saba Cloud now allows learners to add certifications and curricula as well to the skill.

To add a skill, click **Me** > **Plan** > **Goals & Objectives**, and click the required goal title to open the goal details page. Click **Add Skills**, select a skill and then go to step 2 of the wizard.

You can even directly view learning recommendations for an existing skill by clicking the 'Recommendations' icon besides the 'Delete' icon.

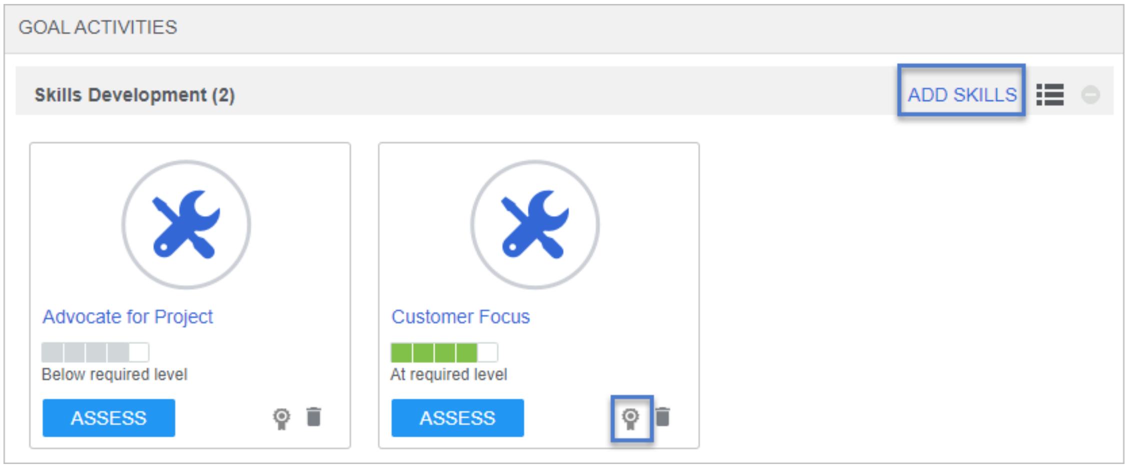


Figure 86: View recommendations

Any courses, certifications, and curricula associated with the skill are displayed as recommendations for developing the skill.

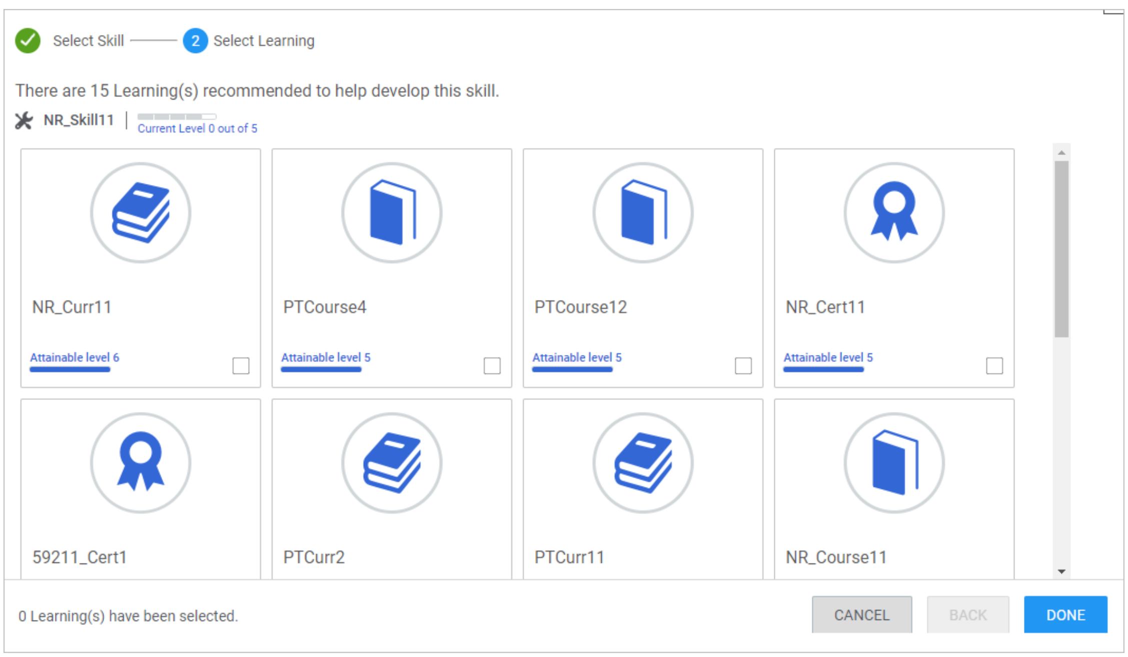


Figure 87: View recommended learning for a skill

Use case

Learning Administrators can associate a skill with completion of a more complex training program that may involve multiple classes and other learning activities such as certifications and curricula. These certifications and curricula then appear as recommendations to learners, which they can leverage for developing their skills.

Set a category as primary for a learning item

How did it work?

Prior to this update, Learning Administrators did not have the ability to set a category as primary when adding the category to a course, certification, or curriculum.

How does it work now?

This update now allows Learning Administrators to set a category as the primary category when adding the category to a course, certification, or curriculum. Only one category can be set as the primary category for a learning item. Setting a category as primary is optional, though.

Configuration

The ability to set a category as primary for a learning item depends on your system configuration. System Administrators can configure the following new settings under **Learning > Catalog** to enable this ability:

- **Mark a category as primary**

  If this setting is enabled, then Learning Administrators can mark a category as primary while adding it to a learning item.

  By default, this setting is disabled.

- **View primary category**

  If this setting is enabled on a learner’s domain, then the learner can see if a category is set as primary for a learning item while browsing the catalog.

  By default, this setting is disabled.

Mark a category as Primary

To mark a category as primary for a learning item, Learning Administrators can navigate to **Admin > Learning > Manage Learning Catalog**, search for and edit the item, click the **Related Info** tab, and select the option under the **Primary** column for a category.

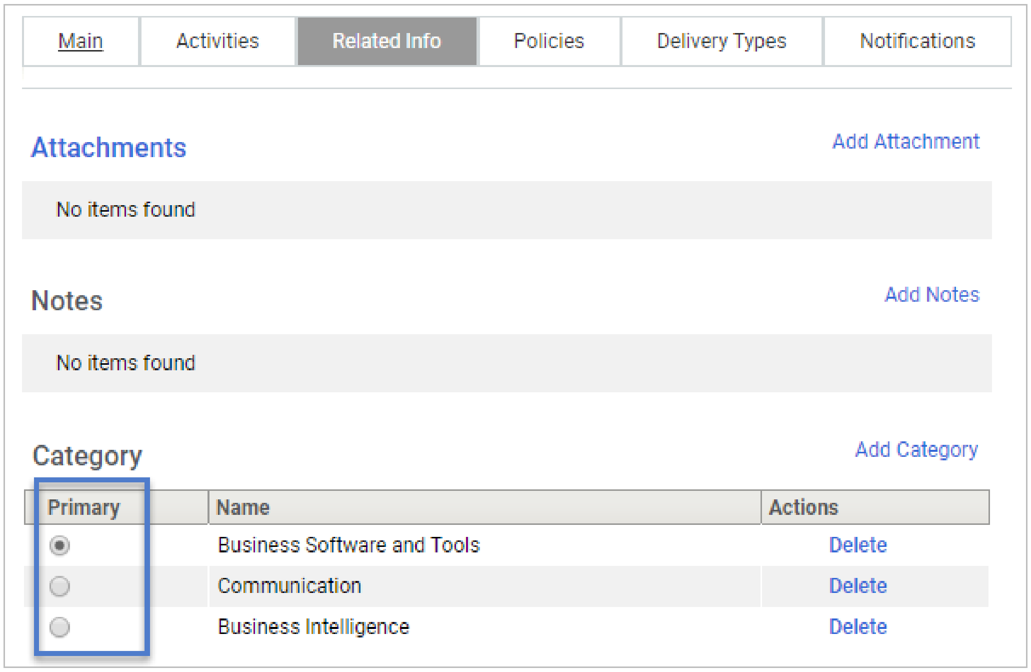


Figure 88: Set a primary category

View primary category

Learners can see if a category is set as the primary category for a learning item while browsing the learning catalog. If a learner browses the catalog by a category, and if that category is set as the primary category for a learning items that appears in the catalog results, then it is indicated by a green tick mark for the item as illustrated below.

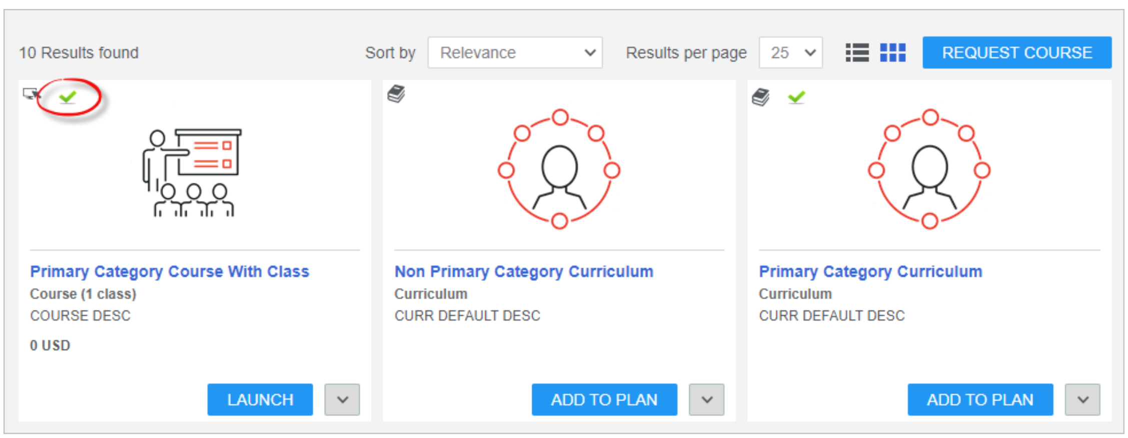


Figure 89: Primary category indicator - Grid view

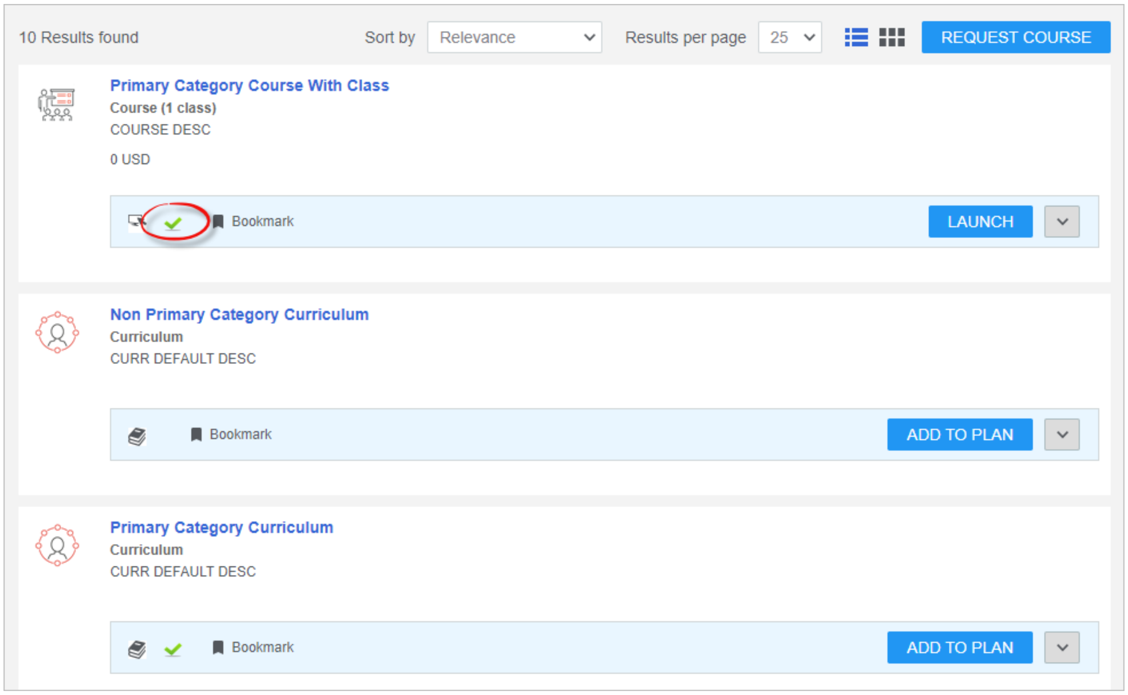


Figure 90: Primary category indicator - List view

Use case

Marking a category as a primary category for a learning item such as course, certification, or curriculum provides an indication for users while browsing the learning catalog.

Enhanced Course and Class Details Pages

Configuration changes for enhanced course and class details pages

How did it work?

Prior to this update, the visibility of the enhanced course and class details pages were controlled via multiple settings under the **Learning Beta** service, including:

- **Enable enhanced Course Details page**
- **Set default course details page view**

Once the settings were enabled for a domain, users could set their **Learning preferences** under their **Account Preferences**. The following learning preference allowed users to select the view for their course and class details pages:

- **Course and class details page view**

How does it work now?

This update simplifies the configuration for controlling the display of enhanced course and class details pages to users in Saba Cloud.

Deprecated Setting

The following setting under the **Learning Beta** service has been deprecated:

- **Set default course details page view**

  The following figure illustrates the settings available after this update.

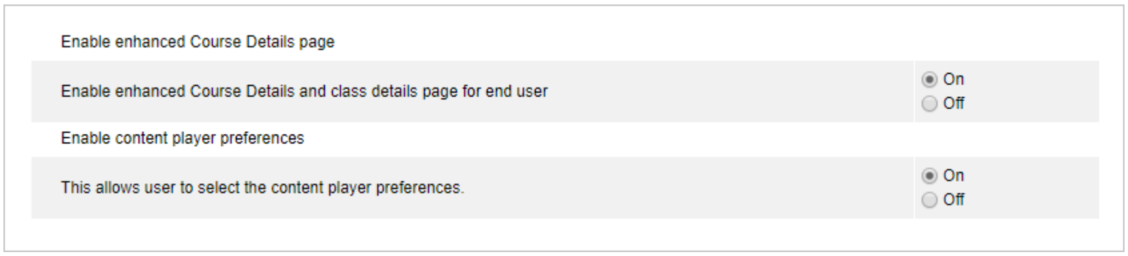


Figure 91: Settings

Deprecated Learning Preference

The following learning preference for users has been removed from the **Learning preferences** under **Account Preferences**:

- **Course and class details page view**

  The following figure illustrates the learning preferences available after this update.

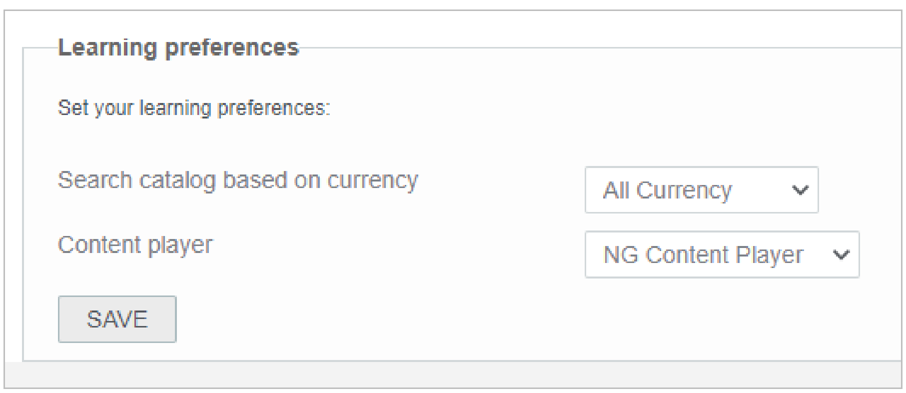


Figure 92: Learning Preferences

The visibility of enhanced course and class details pages is now controlled only using the following setting under **Learning Beta** service:

- **Enable enhanced Course Details page**

  If this setting is enabled, then end users can view the enhanced course and class details pages for WBT classes. If disabled, then they can view the regular pages.

The Help icon on the enhanced course and class details page, which guided users to switch to the regular page view, is also removed.

Effect on users using the deprecated setting

For existing users who are using the **Set default course details page view** setting with **Check user's learning preferences** option selected and who have their **Course and class details page view** learning preference set to 'Regular view', and want to continue viewing the regular view of course and class details pages, it is recommended to keep the **Enable enhanced Course Details page** setting disabled.

Use case

Saba Cloud provides a simplified configuration for displaying the enhanced course and class details pages.

Support class deeplinks on the enhanced class details page

How did it work?

The enhanced class details page did not support deeplinks.

How does it work now?

This update now provides a class deeplink URL on the enhanced class details page so users can access the enhanced class details pages directly. The deeplink work as follows:

- If users have not enrolled for a class, then the class deeplink URL takes users to the course details page from where they can select and enroll for classes.
- If users have enrolled for a class, then the class deeplink URL takes users to the class details page of the class to which they have enrolled.

This update does not make any changes to the behavior of the course deeplink URL. The course deeplink URL on the enhanced course details page always takes users to the enhanced course details page.

Use case

The class deeplink on the enhanced class details page now routes users to the correct page based on whether or not they have enrolled for a class.

Support all registration actions on the enhanced class details page

How did it work?

The enhanced class details page supported only limited registration actions.

How does it work now?

This update now supports the following additional registration actions on the enhanced WBT class details page:

- **Mark Complete**

  Users can click **Mark Complete** to mark an in-progress class complete. A **Completion Details** popup page opens, where users can specify the class status, score, grade, and comments as required.

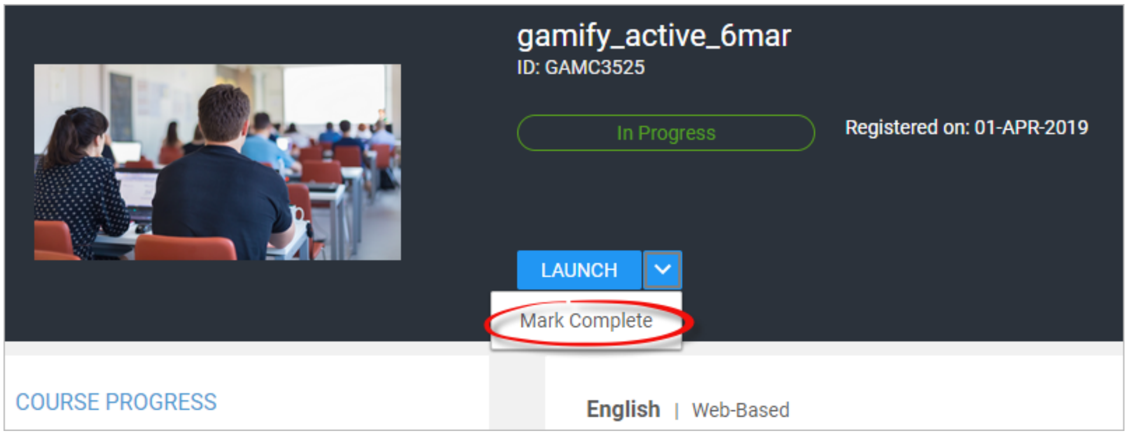


Figure 93: Mark Complete action

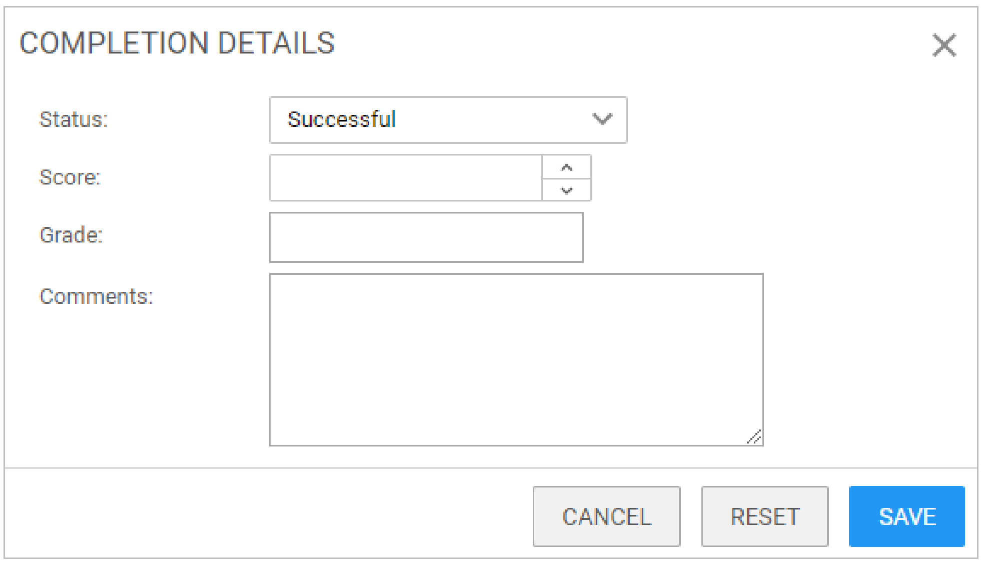


Figure 94: Completion Details

The work flow also supports auditing and eSignature if enabled by the administrator.

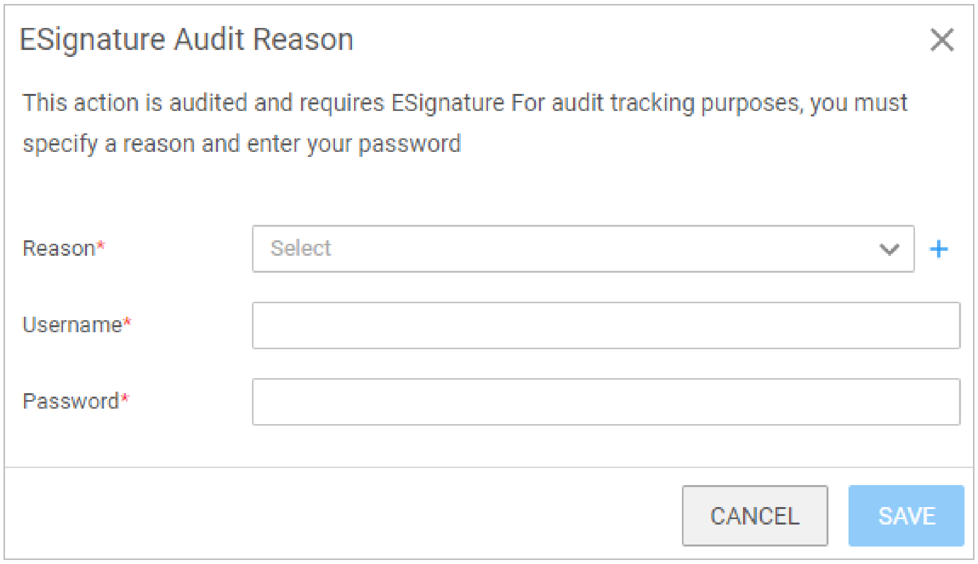


Figure 95: Esignature

- **Print Certificate**

  Once a class is completed, users can print the certificate of completion by clicking the **Print Certificate** action.

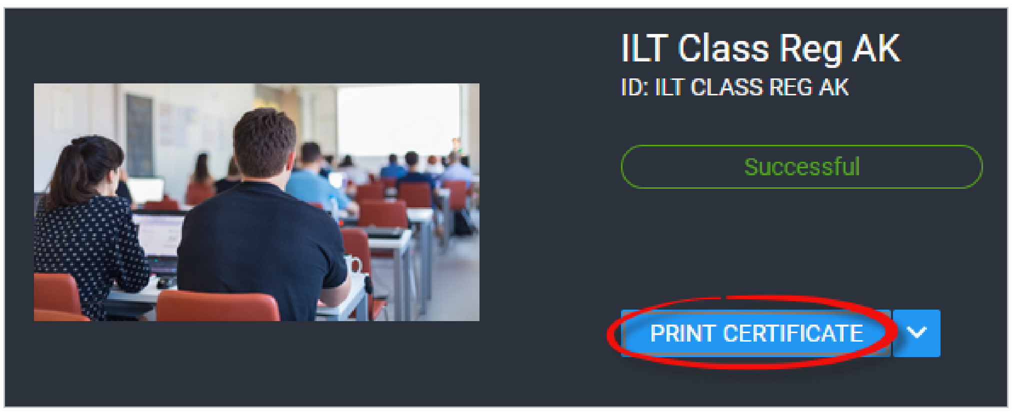


Figure 96: Print certificate of completion

- **Retake**

  Users can click the **Retake** action to retake a class if required.

Figure 97: Retake a class

The enhanced course details page now displays the class facility details for an ILT class in the **Available classes** section as illustrated in the figure below:

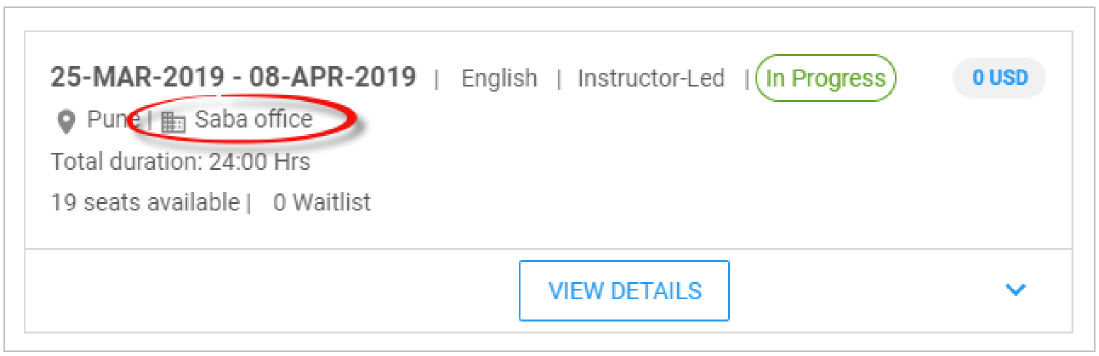


Figure 98: Class facility

Use case

Saba Cloud must provide all registration-related actions on the enhanced class details pages for users.

Checklists available from enhanced class details view

How did it work?

The checklist-related pages and actions for end users were available only in the regular view of the class details pages. Since they were not available in the enhanced view, users had to switch to the regular class details view to perform any checklist-related action.

How does it work now?

With this update, checklist-related pages and actions are now available in the enhanced view of the class details pages. Currently, the enhanced class details pages are available only for WBT classes.

Note: Your System Administrator must enable the **Learning Beta** service and the **Enable enhanced Course Details page** setting under this service to enable the display of these enhanced checklist pages.

If a WBT class contains one or more checklists as activities, then end users can now view them in the enhanced class details page under **Activities**. Users can perform available actions on a checklist such as **View**, **Request Evaluation**, and **Evaluate** from this page.

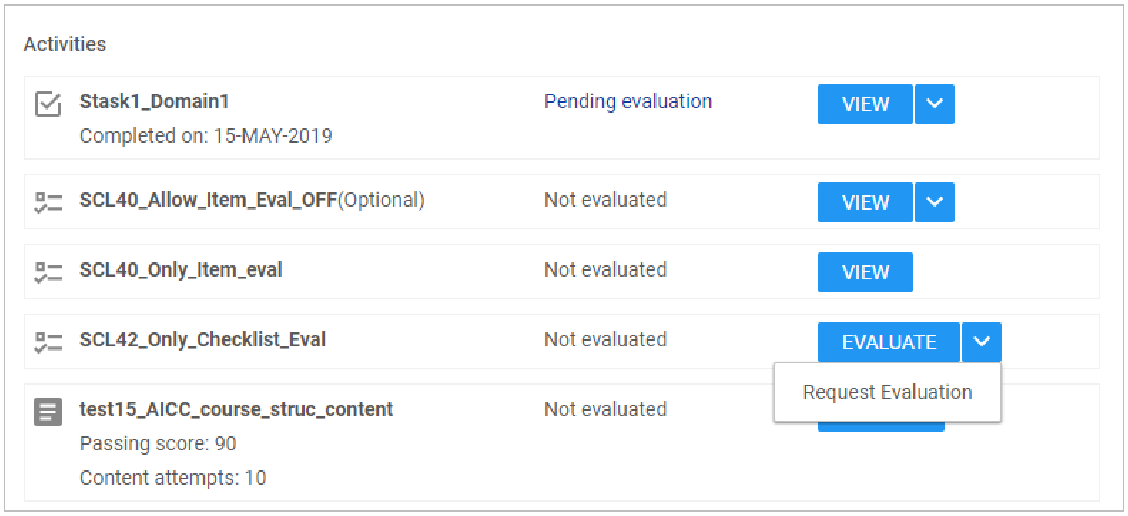


Figure 99: Checklists in Activities section of the enhanced view

Clicking **View** displays a completely enhanced view of the checklist in a popup page as illustrated in the figure below.

Checklist header

The header displays all important details such as checklist name, status, due date, assigned by and so on. It also includes actions such as **Print**, **Download**, **Audit Trail**, and so on upfront.

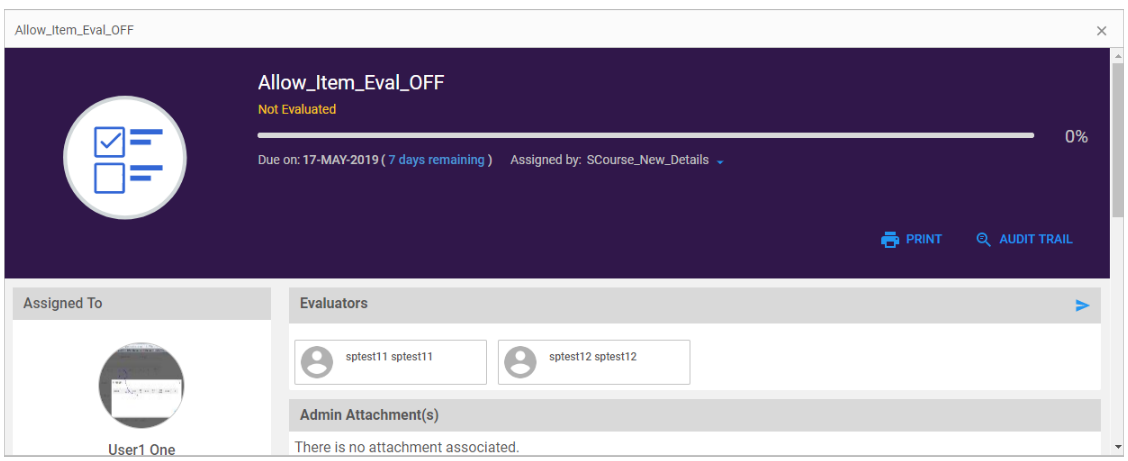


Figure 100: Enhanced checklist view - header

Checklist Evaluators and Attachments sections

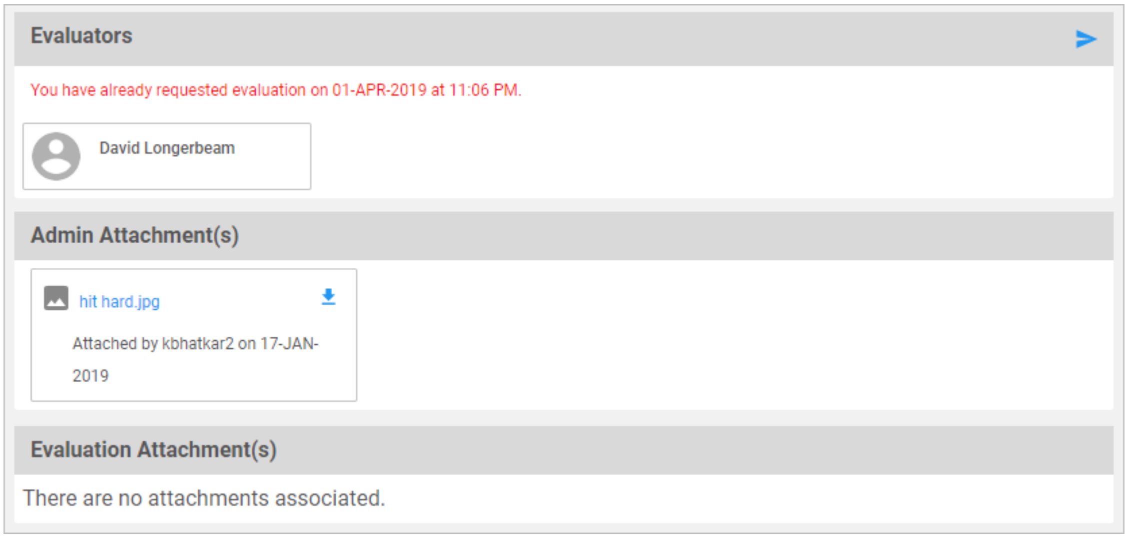


Figure 101: Evaluators and Attachments sections

Clicking the arrow icon in the right-hand corner of the **Evaluators** title bar sends an evaluation request to the Message Center of all checklist-level evaluators. A notification email is sent only if the corresponding notification is configured and enabled.

The enhanced view now provides separate sections for both, **Admin Attachments** and **Evaluator Attachments**. The regular view displayed both admin and evaluator attachments in a single section.

Checklist Sections and Items

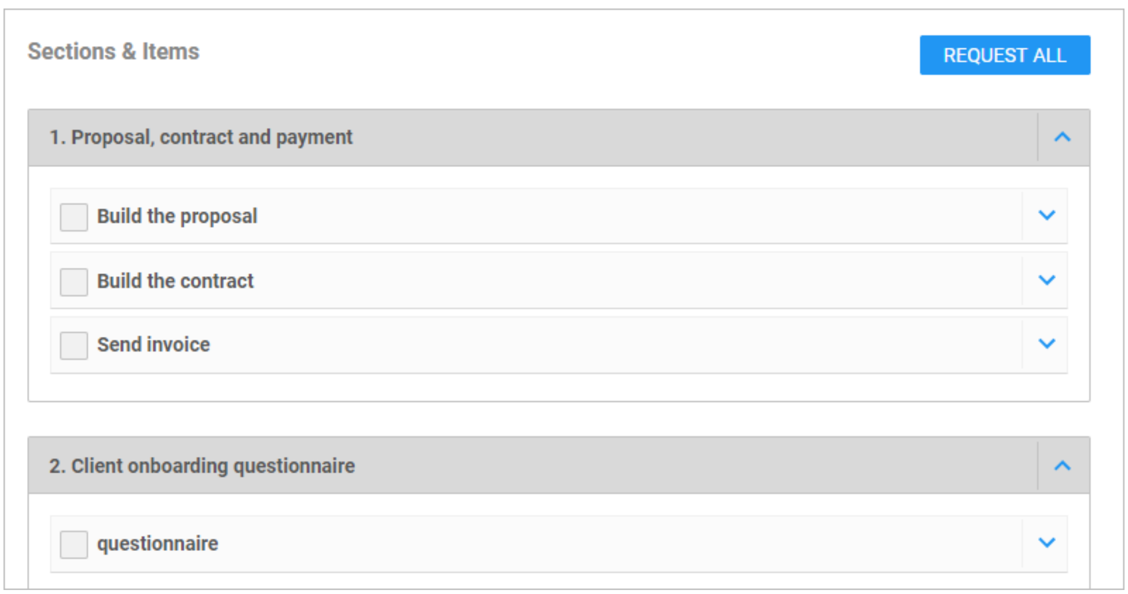


Figure 102: Sections and Items

You can expand or contract a section and items in the section.

Clicking the **Request All** button sends an evaluation request to the Message Center of all item-level evaluators of the checklist. The enhanced view provides the option to send an evaluation request for the items where you are one of the evaluator along with other evaluators. This is not available from the regular view of checklists.

If you are the evaluator of checklist, then the enhanced view displays an **Evaluate** button for the checklist. Clicking this button displays the checklist in a popup page, where you can mark complete items, add attachments, and comments for the items you are marked as evaluator, unless you are a checklist-level evaluator. You can also download and upload the checklist for offline evaluation.

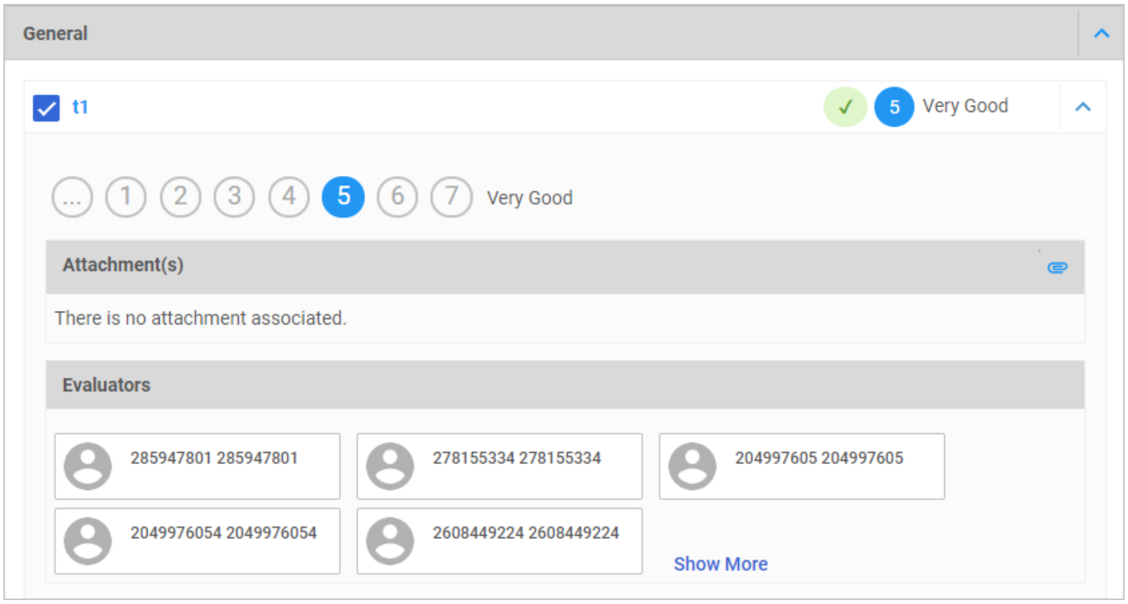


Figure 103: Evaluate a checklist

Limitation

- Fullscreen functionality is not available in the Modern Content Player for checklists.

Use case

End users get a seamless experience when checklists are displayed in the enhanced class details pages.

Tasks available from enhanced class details view

How did it work?

The task-related pages and actions for end users were available only in the regular view of the class details pages. Since they were not available in the enhanced view, users had to switch to the regular class details view to perform any task-related action.

How does it work now?

With this update, task-related pages and actions are now available in the enhanced view of the class details pages. Currently, the enhanced class details pages are available only for WBT classes.

Note: Your System Administrator must enable the **Learning Beta** service and the **Enable enhanced Course Details page** setting under this service to enable the display of these enhanced task pages.

If a class contains one or more task as activities, then you can now view them in the enhanced class details page under **Activities**. You can perform all available actions on a task such as **View**, **Request Evaluation**, **Mark Complete** from this page.

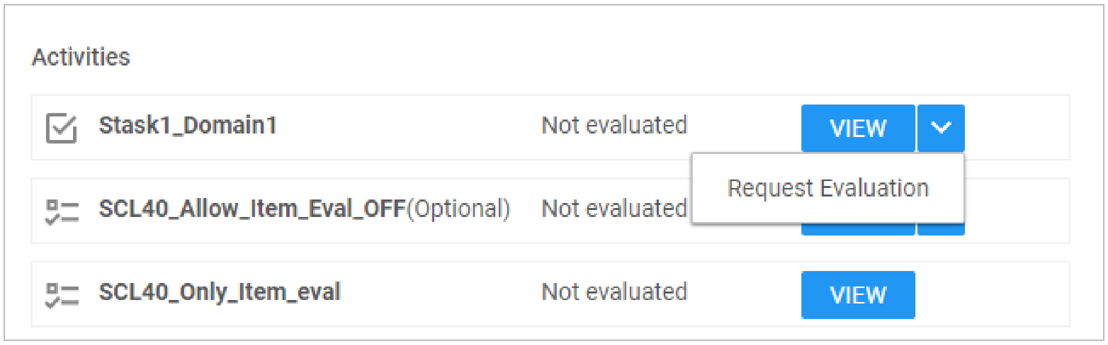


Figure 104: View and Request Evaluation actions

To mark a task complete, click **Mark Complete**.

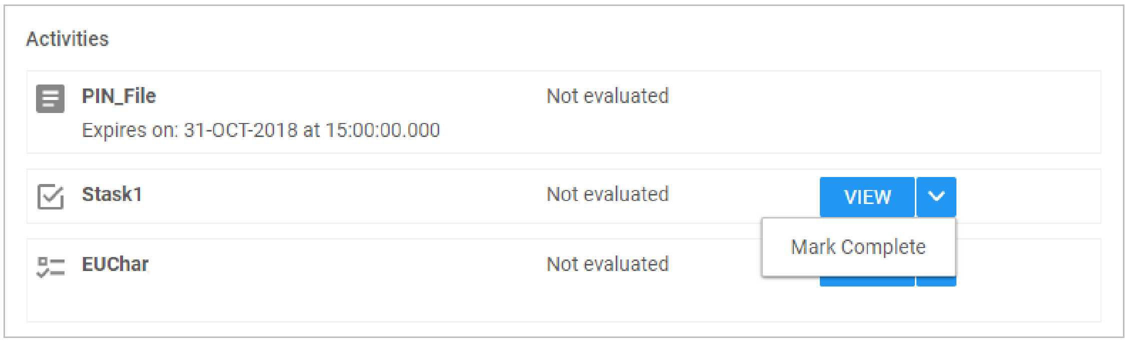


Figure 105: Mark complete a task

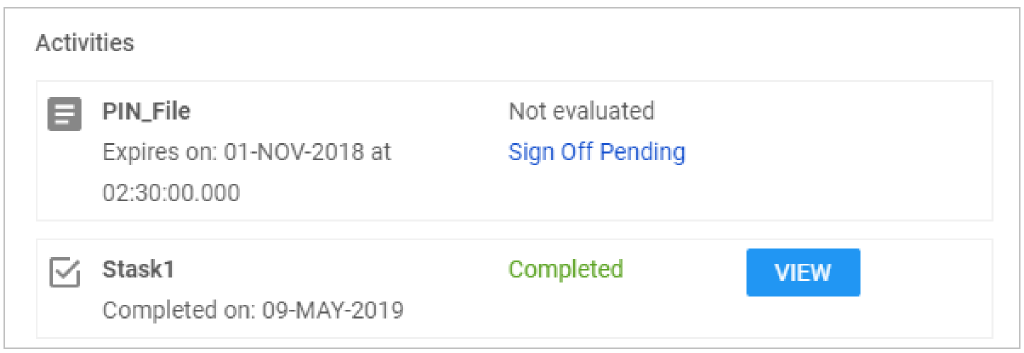


Figure 106: View completed task

Clicking **View** displays a completely enhanced view of the task in a popup page as illustrated in the figure below.

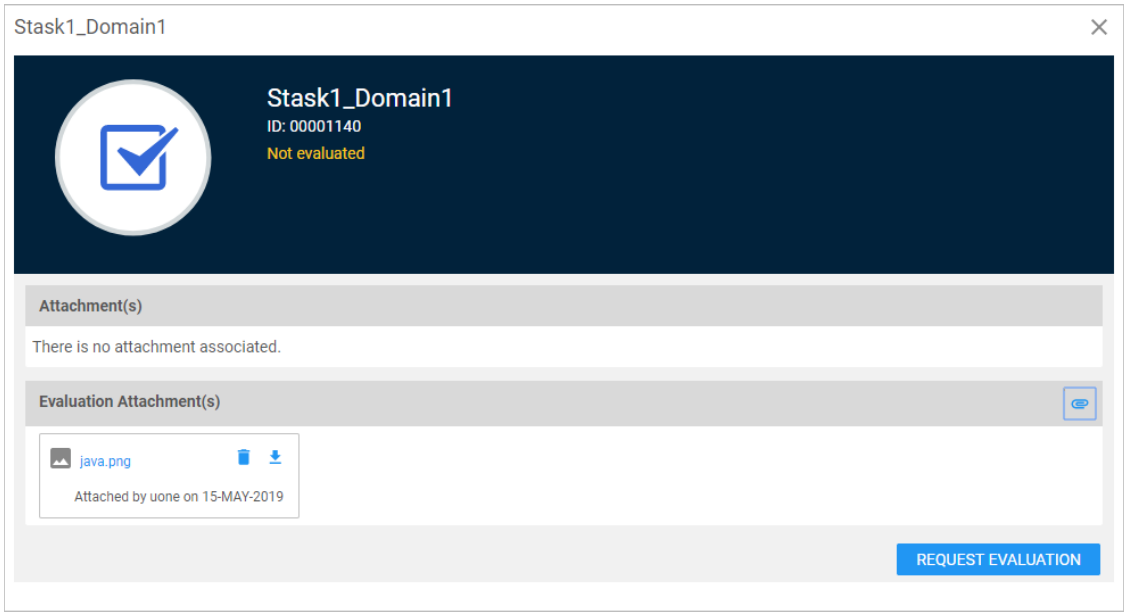


Figure 107: Enhanced task view

Clicking the **Request Evaluation** button expands the view to display the task evaluators in the same popup page.

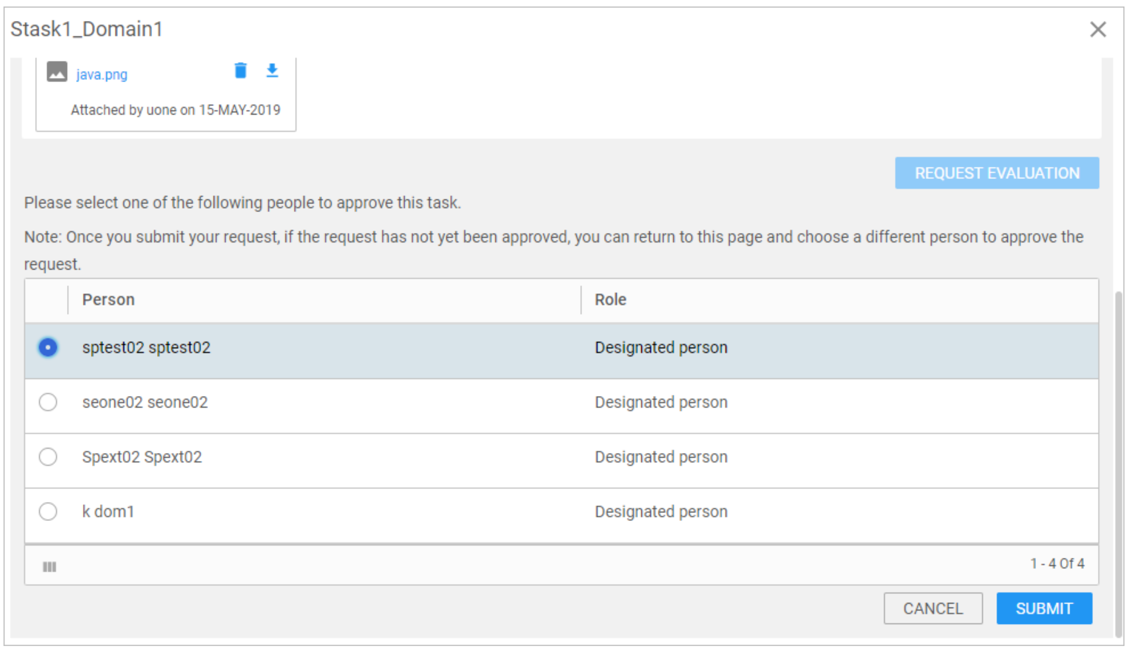


Figure 108: Enhanced task view with evaluators

Limitation

- Learners and evaluators cannot send private messages through the enhanced task details page.
- Fullscreen functionality is not available in the Modern Content Player for tasks.

Use case

End users get a seamless experience while viewing tasks from the enhanced class details pages.

Content items available from enhanced class details view

How did it work?

The content items and its related actions for end users were available only in the regular view of the class details pages. Since they were not available in the enhanced view, users had to switch to the regular class details view to perform any content-related action.

How does it work now?

With this update, content and its related actions are now available in the enhanced view of the class details pages. Currently, the enhanced class details pages are available only for WBT classes.

Note: Your System Administrator must enable the **Learning Beta** service and the **Enable enhanced Course Details page** setting under this service to enable the display of these enhanced content pages.

If a class contains one or more content items as activities, then you can now view them in the enhanced class details page under **Activities**.

You can perform all available actions on a content item such as **Launch** and **Re-Launch** from this page. The page displays various content details such as status, total content attempts, remaining attempts, passing score, completion date, expiry date, and so on.

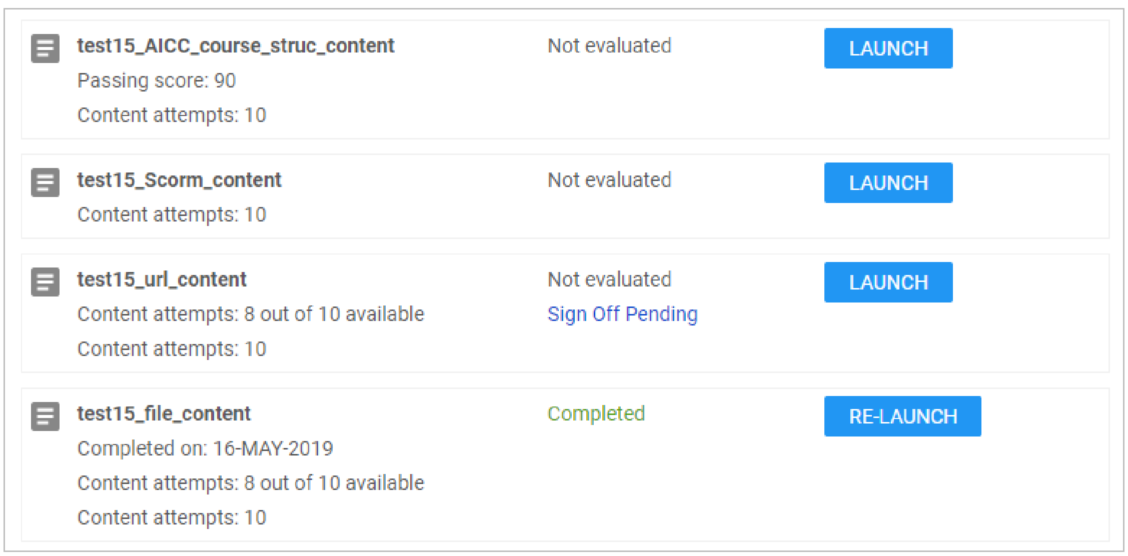


Figure 109: View and Request Evaluation actions

By default, the content launches in the NG Content Player. You can switch between different activities in the class from the player TOC.

Figure 110: Content player

If enabled by your administrator, you can also sign-off content and provide Esignature for auditing purpose. If a sign-off is pending for a content, then you can click the **Sign Off Pending** link beside the content.

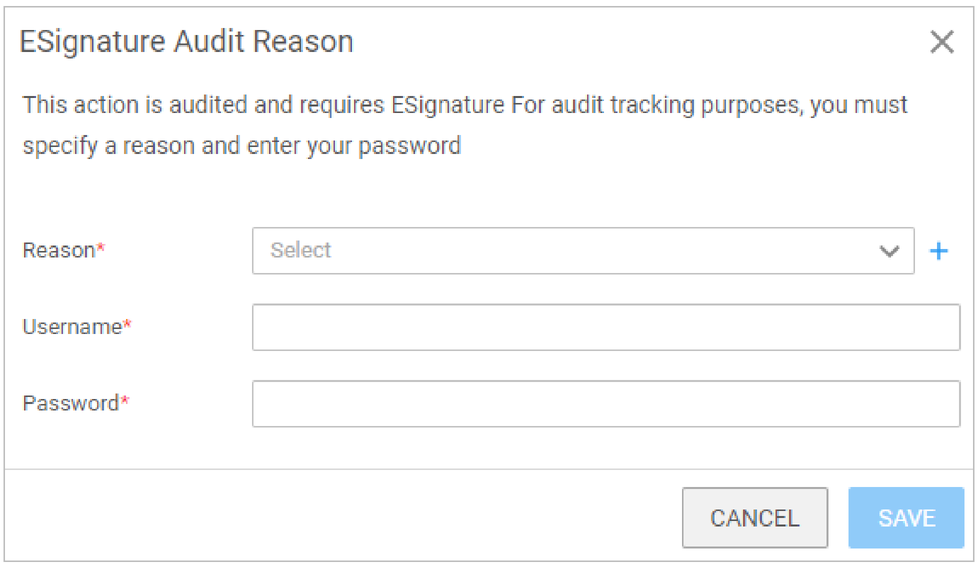


Figure 111: Content sign-off with Esignature

Use case

End users get a seamless experience while viewing content items from the enhanced class details pages.

Simplified Course Creation

Simplified course creation enhancements

How does it work now?

This update provides the following enhancements to the simplified course creation work flow:

- New link in the **New Course** portlet

  This update adds the **Go to Courses I Manage** link on the **New Course** portlet. Clicking this link allows users to easily navigate to their **Courses I Manage** page.

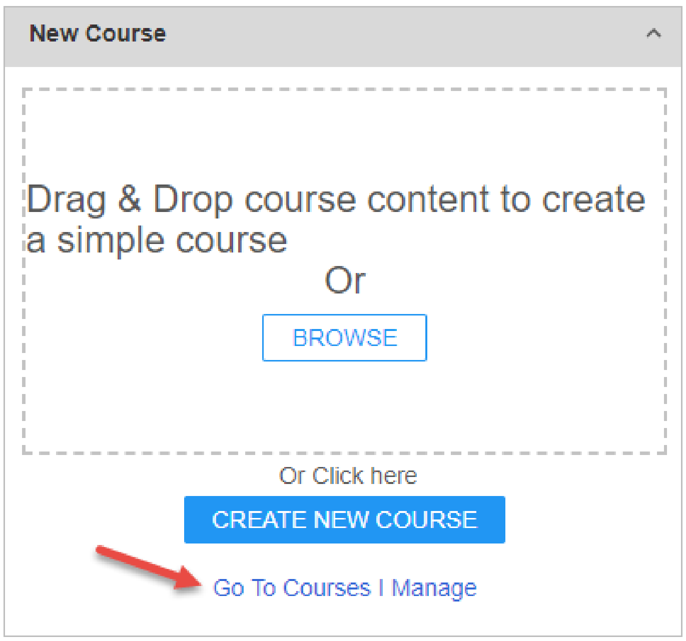
  

  Figure 112: Go to Courses I Manage link in New Course portlet

- Visibility of the **New Course** portlet

  The **New Course** portlet is visible to a user only if:

  - The **Learning** service is enabled
  - The user is granted the **Local Catalog Admin** role

    Note: If a user has the **Local Catalog Admin** role but does not have the "New" privilege on Web-based, Delivery Mode, and Offering Template components, then they cannot create a simplified course from the portlet. However, they can still view the **Go to Courses I Manage** link in the portlet.

Use case

Users now have an intuitive way to access the courses created using the simplified course creation work flow.

Catalog administrators can create and manage simplified courses from Admin > Learning

How did it work?

Prior to this update, Catalog Administrators could create and manage courses using the simplified course creation workflow from the **Me** > **Courses I Manage** menu. They could view, edit, and manage courses created by other users from this menu. However, they did not have access to create and manage such courses from the **Admin** > **Learning** > **Manage Learning Catalog** area.

How does it work now?

With this update, Catalog Administrators can now create courses using the simplified course creation workflow from **Admin** > **Learning** > **Manage Learning Catalog** > **New Catalog Item**. The **New Catalog Item** page is enhanced to include a new section for **Simplified Course**.

To create a new simplified course, click the new **Templated Course** link. Clicking this link opens the existing simplified course creation work flow, where they can select a default or predefined template and proceed with the simplified course creation.

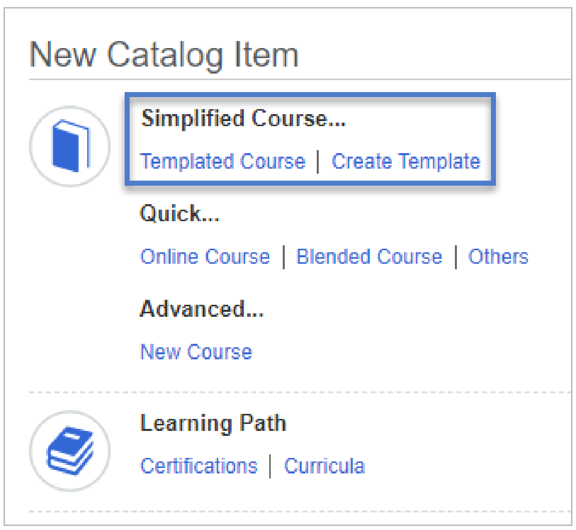


Figure 113: Create a simplified course

This section also includes the **Create Template** link. Clicking this link opens the existing **Course Template** page, which allows them to create a new course template that can be used by simplified courses.

Catalog Administrators can search for such courses in the learning catalog search.

To narrow down the search results, this update adds a new **Is Simplified?** checkbox as a search criteria. To select simplified courses, click this checkbox in addition to other criteria and then perform the search.

Note: This checkbox is available by default in the course search, and cannot be disabled.

Simplified courses also appear in overall search results if:

- The **Learning Event Type** is *All* and a course is searched by title.
- The **Learning Event Type** is *Course* and the **Is simplified?** checkbox is not selected.

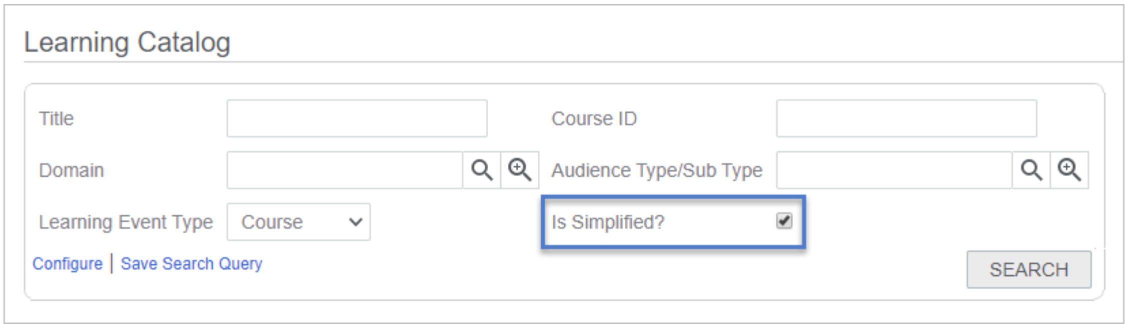


Figure 114: Is Simplified checkbox

The course search results table also displays a new **Is Simplified?** column, which indicates the type of course. A 'Yes' value in this column indicates that the course is simplified. This column is configurable.

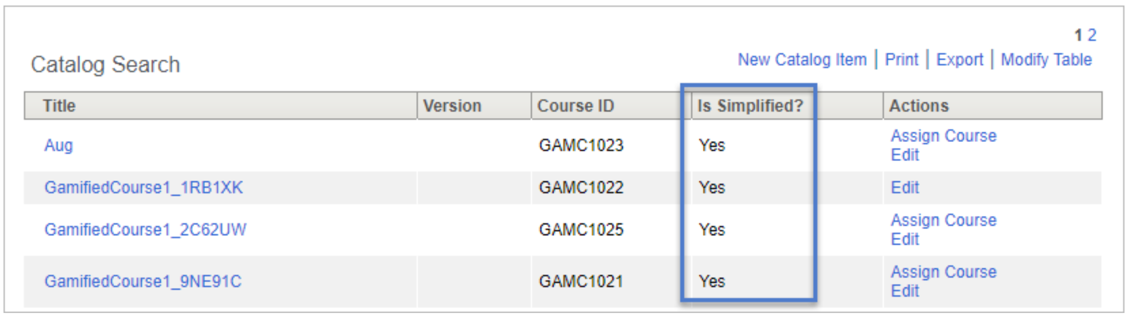


Figure 115: Is Simplified column

Changes to existing functionality

Prior to this update, Catalog Administrators could view, edit, and manage simplified courses created by themselves and other users, from the **Me** > **Course I Manage** menu.

With this update, they can use the **Me** > **Course I Manage** menu to view, edit, and manage simplified courses created by themselves only. They can now manage all simplified courses, along with regular courses, from the **Admin** > **Learning** > **Manage Learning Catalog** area.

Use case

The simplified course creation work flow is now accessible to Catalog Administrators from the administration area in Saba Cloud, so they can efficiently manage all types of courses.

Chapter 5

Marketplace

Topics:

This section includes topics to guide you through new features and enhancements under Marketplace.

Connector for Udemy for Business

How did it work?

This is a new feature.

How does it work now?

In this update a new connector for Udemy for Business has been added in Saba Cloud Marketplace.

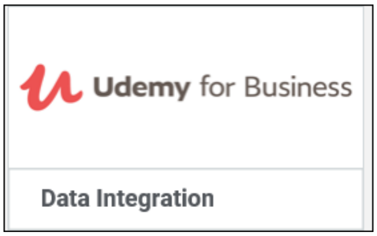


Figure 116: Udemy for Business tile

The Udemy for Business connector provides you a simple way to integrate UFB with Saba. With this connector, you can synchronize UFB courses and completions into Saba. It provides extensive configurability and ability to filter courses.

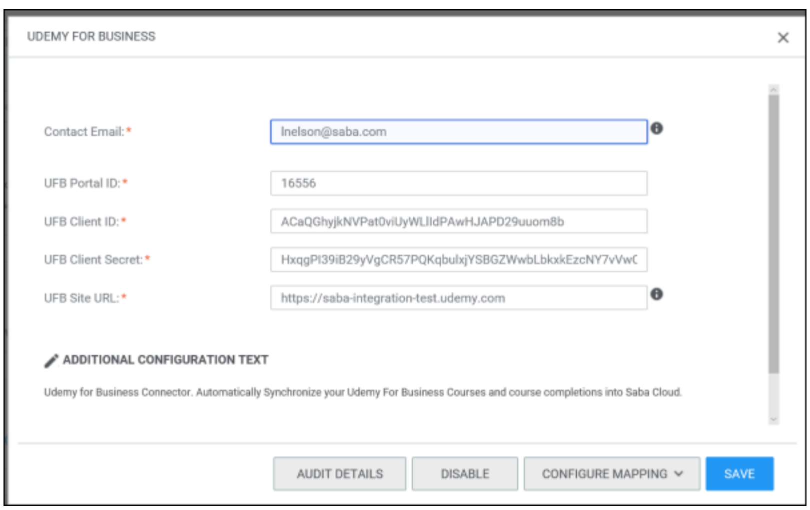


Figure 117: Udemy connector card

For additional details, refer to Udemy for Business.

Use case

This connector provides the capability to synchronize UFB courses and completions into Saba.

Connector for ADP WorkforceNow

How did it work?

This is a new feature.

How does it work now?

In this update a new connector for ADP WorkforceNow has been added in Saba Cloud Marketplace. This connector allows importing People, Organizations, Locations and Jobs from ADP WorkforceNow into Saba and it allows configuring the schedule of import, as well as transforming ADP attributes before bringing them into Saba.

Figure 118: ADP WorkforceNow tile

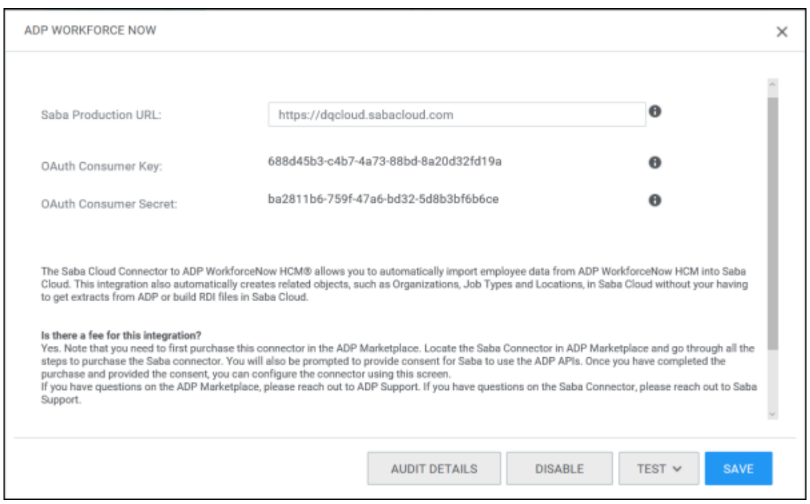


Figure 119: ADP WorkforceNow connector card

For additional details, refer to ADP Workforce Now.

Use case

This connector provides the option to import data from ADP WorkforceNow into Saba Cloud applications.

Enhancements to the LinkedIn Learning connector

How did it work?

The connector for LinkedIn Learning needed some additional attirbutes and features.

How does it work now?

The LinkedIn Learning connector has been enhanced to include the following additions:

- Option to Configure Mapping
  - Allows you to map LinkedIn Learning attributes to Saba. Saba will provide a set of default mappings that can be changed.
  - All fields from Bulk Content Import are available for Mapping

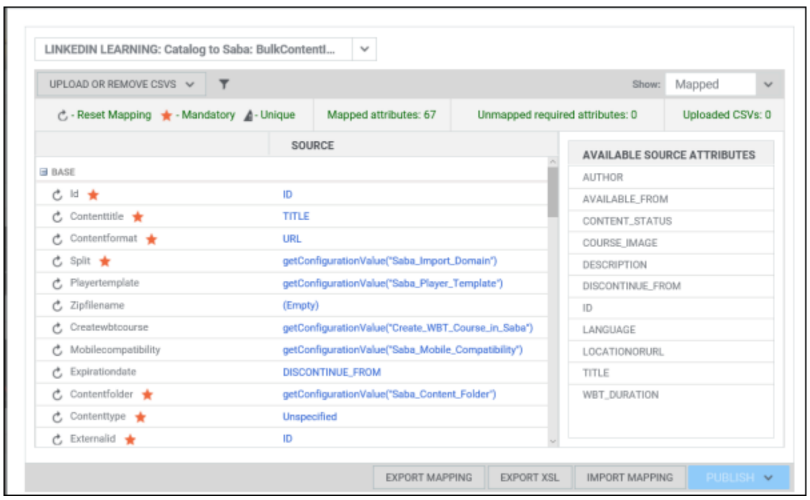


Figure 120: LinkedIn Learning to Saba Mapping

- Monitor Import capability directly from the connector card.

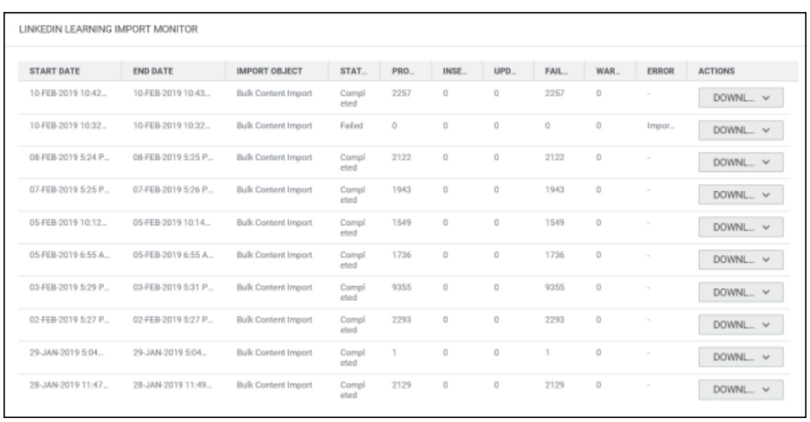


Figure 121: LinkedIn Learning Import Monitor screen

- Option to map Images

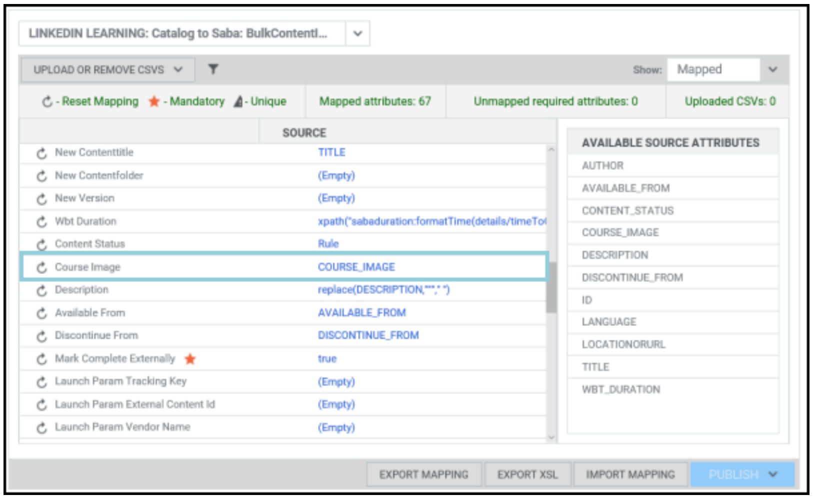


Figure 122: LinkedIn Learning Mapping Course Image

- Option to Categorize course content

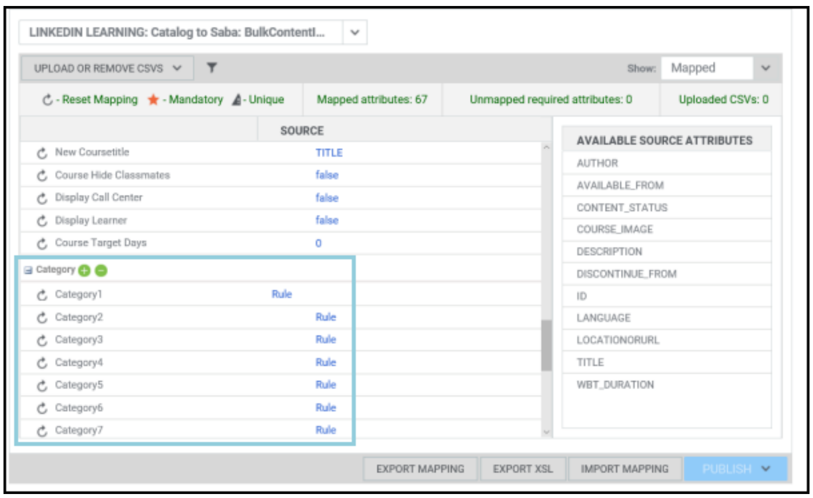


Figure 123: LinkedIn Learning Content Category

- Ability to tag imported courses

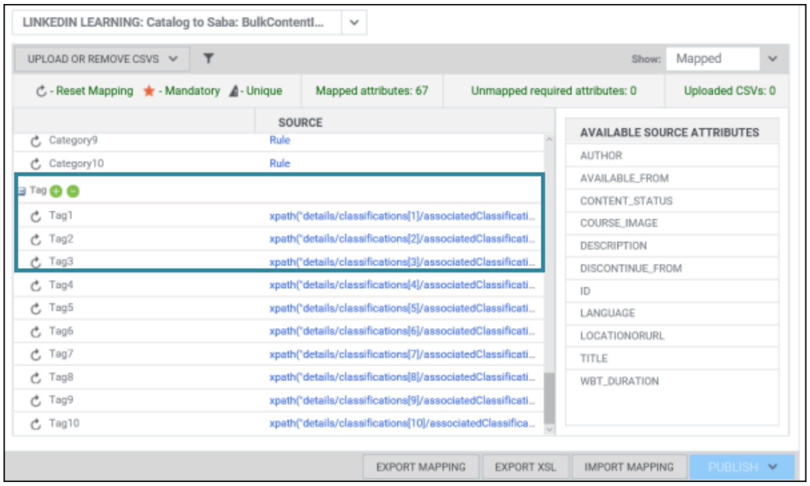


Figure 124: LinkedIn Learning tag content

Preview feature is available for ADP connectors

How did it work?

This is a new feature.

How does it work now?

In this update, Preview feature has been added to ADP Vantage and ADP WorkforceNow connectors.

You can use the Preview feature to ensure your data is formatted correctly and data is not corrupted. You can see a snapshot of the data without storing data or running an import job.

You can then go back and change any mapping as necessary based on the preview data, and run the preview again until all fields are verified. The preview page shows a maximum of 10 records.

Note: The data mapping has to be published to see the Preview.

Saba Cloud >Admin > Marketplace > ADP Vantage HCM tile > Configuration card

Select Configure mapping from the TEST drop down options.

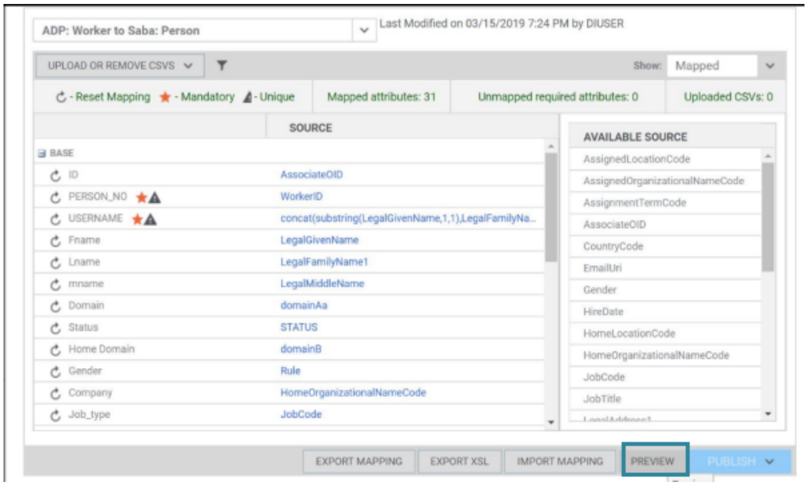


Figure 125: ADP Vantage Preview button

The snapshot of the data is shown, when the Preview button is clicked.

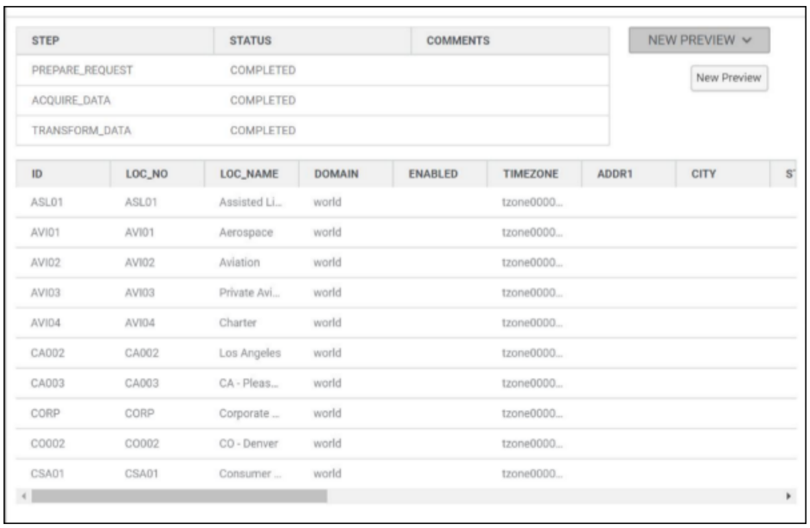


Figure 126: ADP Vantage Preview Data View

Use case

The Preview option on the ADP Vantage and ADP WorkforceNow connectors enables the user to see a snapshot of the data without storing data or running an import job.

Certain connector card labels have been updated

How did it work?

Previously some of the labels on Saba Cloud connector cards were different from third party labels and were not easy to differentiate.

How does it work now?

The labels on Saba connector are now the same as that of third party labels. Also, the third party labels are positioned at the top to differentiate from Saba labels.

The labels on the following connector cards show the changes:

- OpenSesame

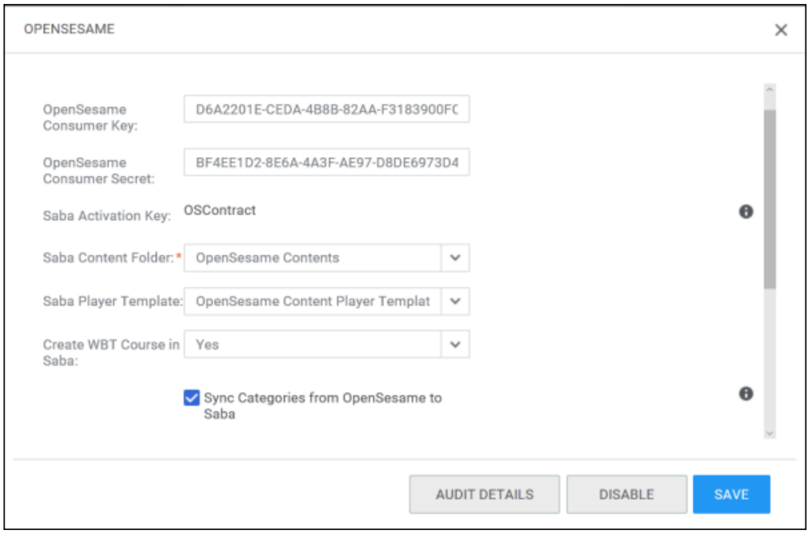


Figure 127: OpenSesame Configuration card

- Workday

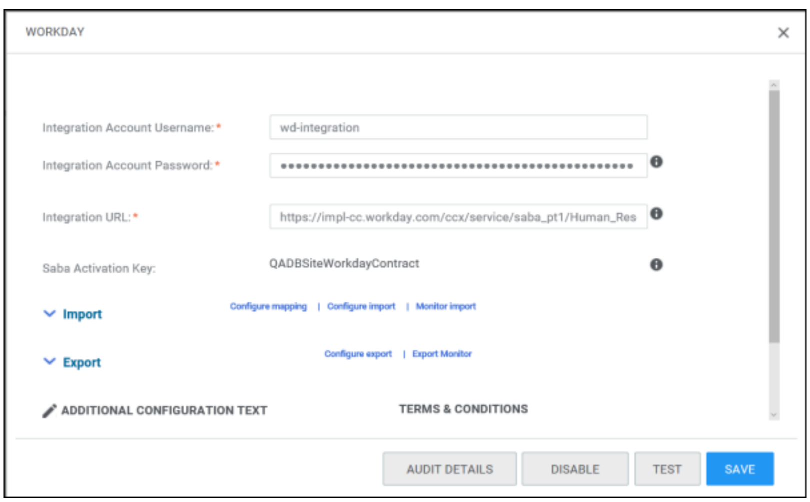


Figure 128: Workday Configuration card

- LinkedIn Learning

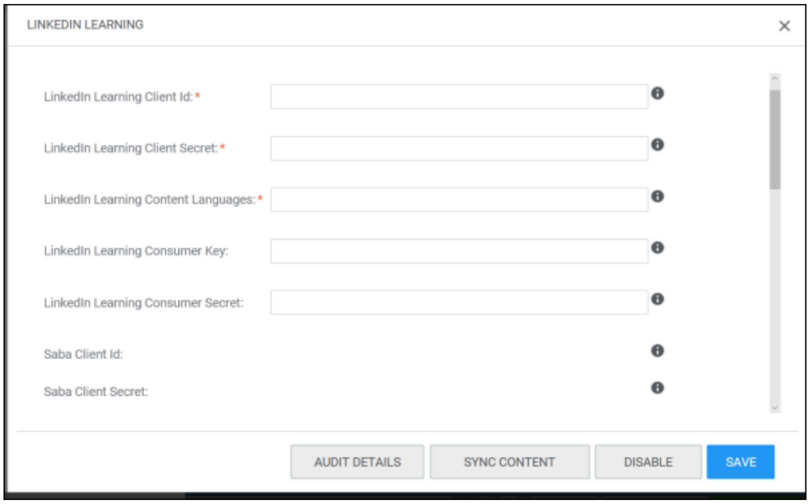


Figure 129: LinkedIn Learning Configuration card

Use case

The labels on OpenSesame, Workday and LinkedIn Learning connector cards match that of the third party labels.

LinkedIn job posting API has been upgraded

How did it work?

This is an enhancement.

How does it work now?

LinkedIn Job Posting connector was upgraded to latest version (v2) of LinkedIn Job Posting APIs.

Use case

The LinkedIn connector was upgraded to version 2.0 to be in sync with LinkedIn requirements.

Enhancements made to Ultipro configure import screen

How did it work?

Enhancement are made to Ultipro configure import screen.

How does it work now?

The configure import screen for Ultipro for person object has two new checkbox additions.

- Import Employment Details
- Import UserDefinedFields

By default, both are set to **True**.

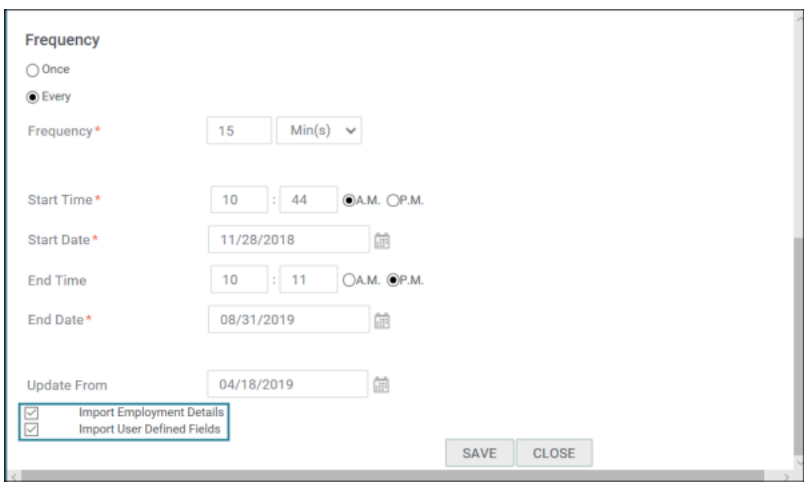
If both checkboxes are checked, all data will be imported to Saba assuming the mappings are done for all fields.

If only the Import Employment Details checkbox is selected, then the Person basic data and the Employment Details data will only be imported.

If Import User Defined Fields checkbox is selected, the Person basic data and the User Defined Fields data will only be imported.

If both checkboxes unchecked only base person basic data will be imported.

UltiPro Configure Import screen with additional fields



Use case

The new fields added to Ultipro Config Import screen allows users to select and import employment details information and user defined data.

Chapter 6

Meeting

There are no new features and enhancements to the **Meeting** administration area in this update of Saba Cloud. However, the Saba Meeting application includes new features and enhancements. For details, refer to the Saba Meeting 8.5.9 What's new in online community.

Chapter

7

Performance

Topics:

This section includes topics to guide you through new features and enhancements under Performance.

New UI for performance reviews

How does it work now?

There is a new UI for performance reviews that is more streamlined and intuitive. It enables managers to complete reviews quicker and more effectively and has a modern look and feel.

In previous versions, the default is to open reviews in the old review UI. You have an option to keep the old review UI, enable the new review UI, and enable the hybrid mode. By default, the hybrid mode is disabled. In this case, if a review cannot be opened in the new review UI, then it will be displayed in the old review UI. By enabling the hybrid mode, users have the option to open the review in the UI of their choice, if it is supported. To configure the UI options, go to **System Admin** > **Configure System** > **Microsites** > **Saba Cloud** > **Site Properties** > **Reviews**.

Some reviews will continue to open only in the old review UI. If a review contains at least one of the following options, it will open only in the old UI.

- Future Goals Section
- Talent Review Section

The following is a list of features not yet supported in the new review UI, but you can still open the review in the new UI:

- Language Check feature
- Attach goal progress comments to goal review items

These features will be supported in the new UI in an upcoming release.

Note: The new review UI is not yet optimized for mobile devices, such as phones and tablets.

In the old review UI, all the information was shown on a single page. Now, we provide a summary page before getting to the actual review form. Here is what you see when you open a review in the new UI:

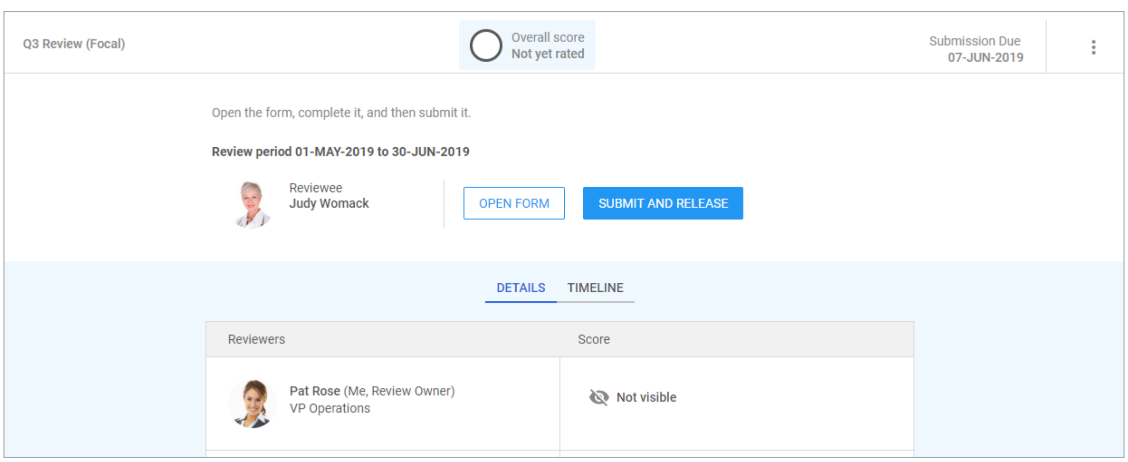


Figure 130: Opening a review in the new UI

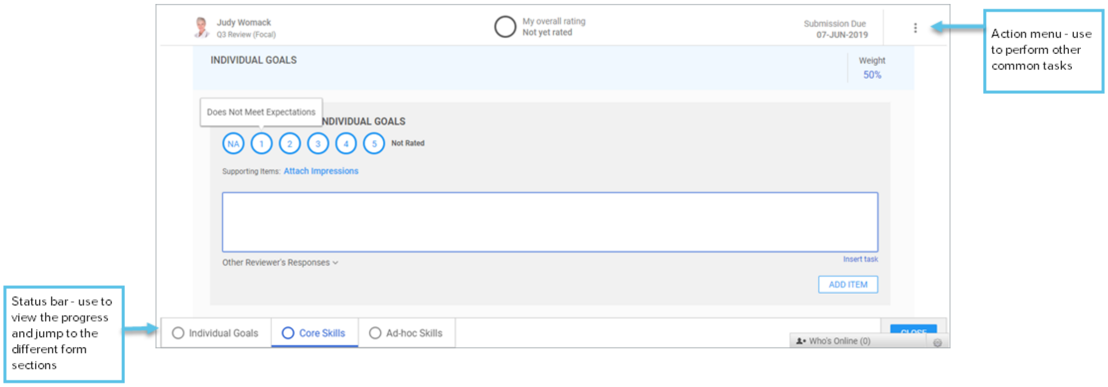


Figure 131: Viewing a form in the new UI

New enhancements for changing Review Owner in the new UI

How does it work in the old UI?

The Change Owner option is available to Reviewees as well as Review Owners and Performance Admins.

Suggested Review Owners are not provided based on the review cycle configuration.

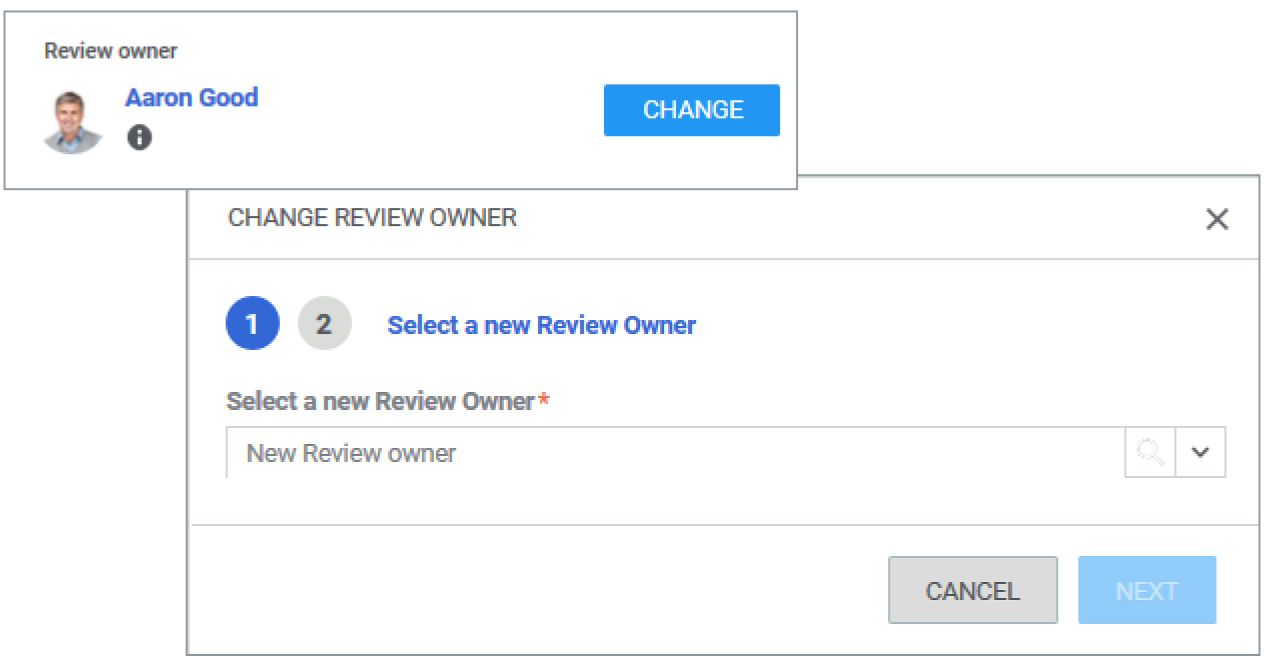


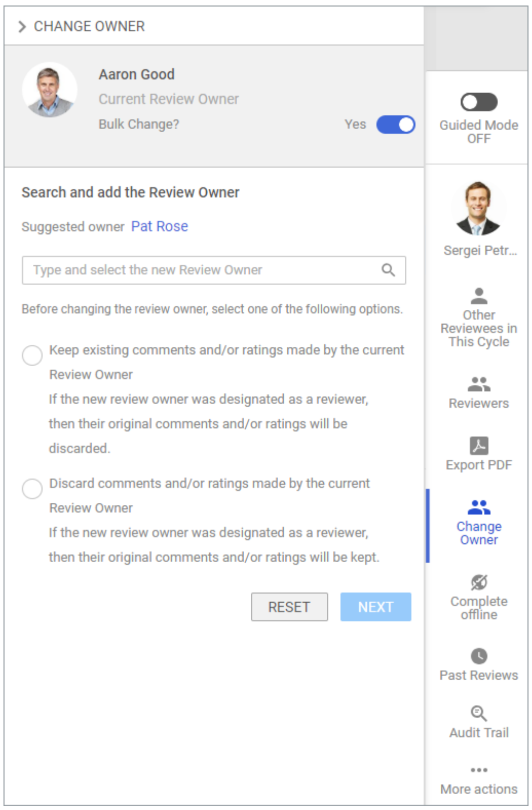
Figure 132: Change owner in old UI

How does it work in the new UI?

The **Change Owner** option is available to Review Owners and Performance Admins, not the Reviewees. It is available from the **More Actions** menu.

Suggested Review Owners are provided on the **Change Owner** popup if the current Review Owner does not match the one in the review cycle configuration. For example, if the Review Owner is set in the configuration to be an Alternate Manager, and an employee's Alternate Manager leaves the company, then Saba Performance suggests a new Review Owner by showing the current Alternate Manager of the Reviewee. Note that the employee's new Alternate Manager needs to be assigned to the employee. Also, the set Review Owner will see the suggestion. If the set Review Owner is no longer with the company, then the Performance Admin can change it by viewing the details of the review from the Admin side.

Figure 133: Change owner in new UI



Changes to suggested comments in the new UI

How does it work in the old UI?

The sort order of suggested comments is listed from least favorable to most favorable. Suggested comments are grouped by levels.

Use the Writing Assistant icon to insert suggested comments.

 Writing Assistant icon in old UI

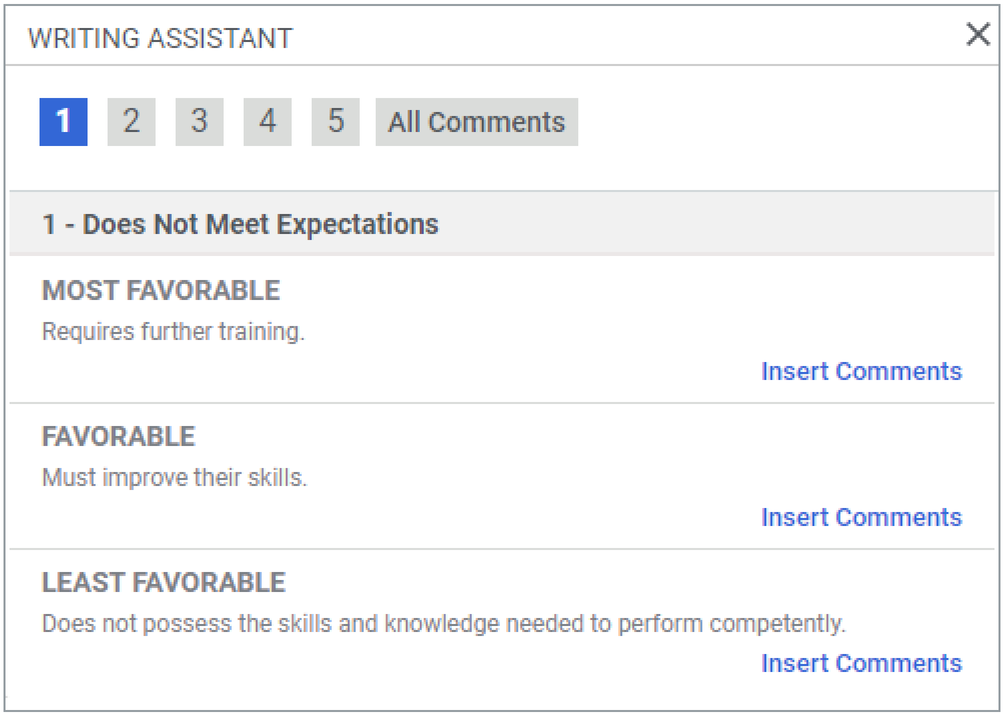


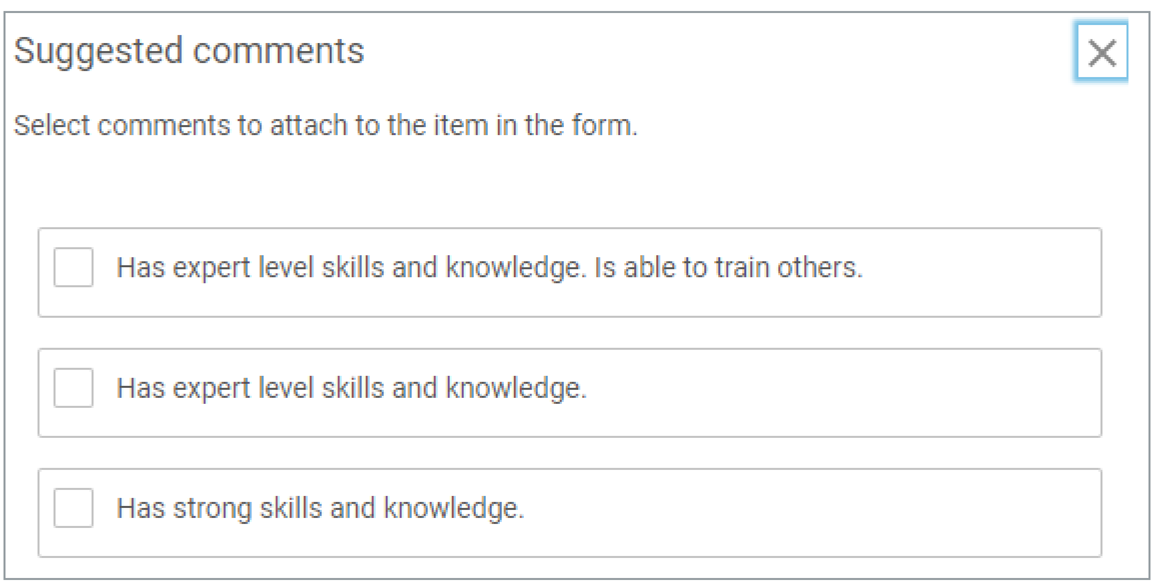
Figure 134: Suggested comments in old UI

How does it work in the new UI?

The sort order of suggested comments is listed from most favorable to least favorable. Suggested comments are no longer grouped by levels.

Use the **Insert suggested comments** link to insert suggested comments.

Figure 135: Suggested comments in new UI



Changes to accessing the review from Performance Admin

How did it work?

Previously, an Admin accessing reviews from the Performance Admin (via Manage Reviews > Monitor Reviews) would have to view the review in the old UI.

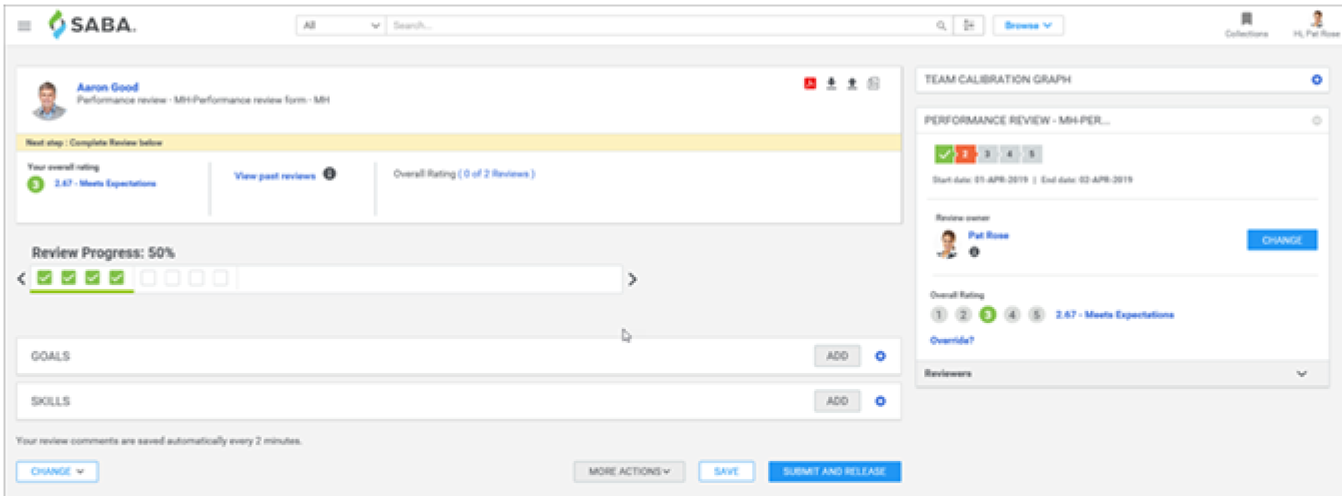


Figure 136: Old UI

How does it work now?

When you access reviews through Performance Admin, you will be able to view the review in the new UI if New Review UI functionality is enabled.

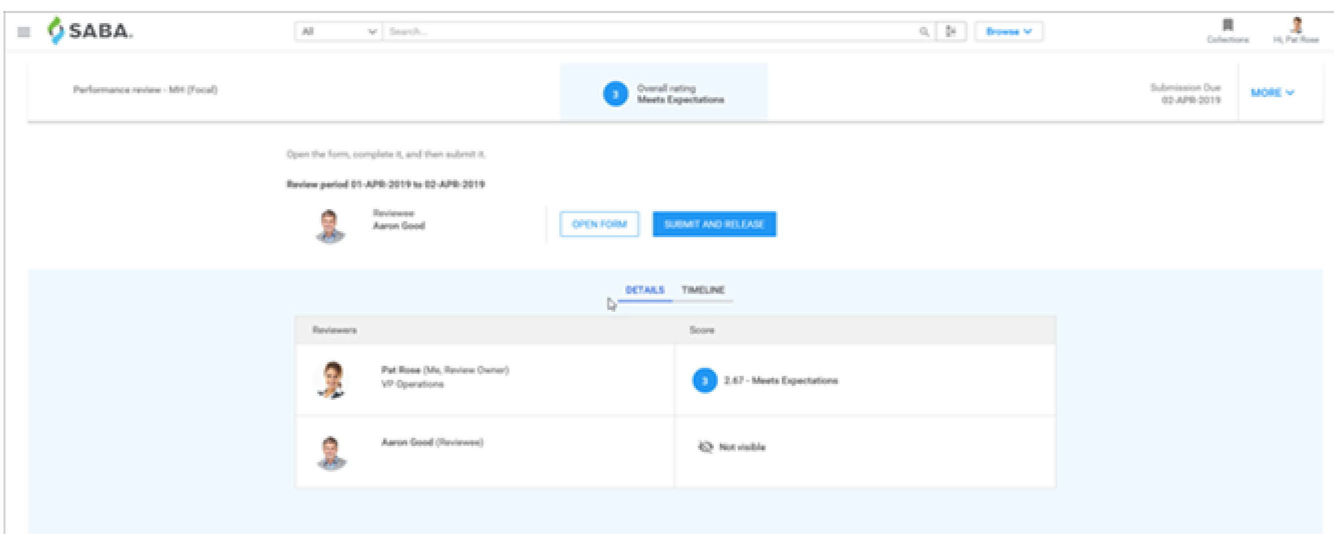


Figure 137: New UI

Note: There is no option to open the review in the old UI from the Admin side as it used to have in My Plan page. Eventually, the option to view in the old UI will be completely removed.

New way of viewing forms in the new UI

How did it work?

In previous versions, it was difficult for users to either view the entire review form or be guided through the review form one item at a time. On the review form, users had to click the **Plus icon** for the section they were filling out.

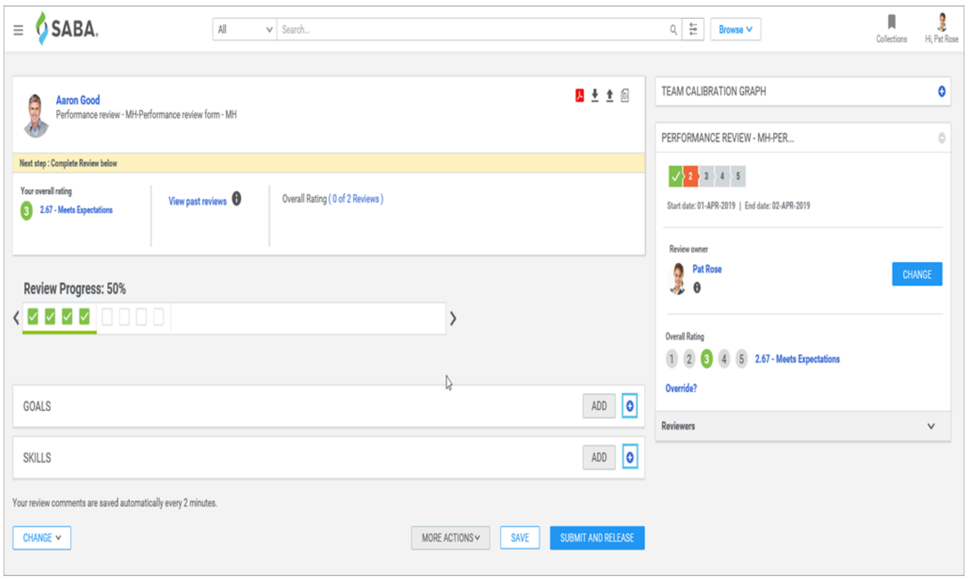


Figure 138: Viewing a form in the old UI

How does it work in the new UI?

The Guided Mode toggle button is a new feature that allows users to either view the entire review form or be guided through the review form one item at a time. See Complete a review and Complete a multirater assessment.

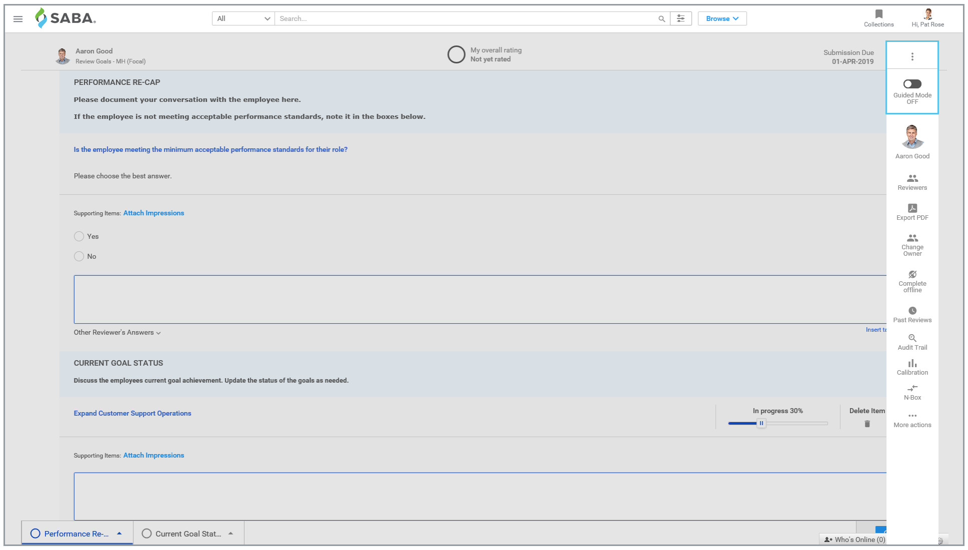


Figure 139: Viewing a form in the new UI

Chapter 8

Pulse 360

Topics:

This section includes topics to guide you through new features and enhancements under Pulse 360.

Filter closed surveys

How did it work?

The **Launch & Monitor Custom Surveys** page by default shows all surveys. Pulse Administrators could not exclude closed surveys or filter them based on the survey's start and close date.

How does it work now?

On the **Launch & Monitor Custom Surveys** page, the following new filters have been added:

Table 20: New Filters

Field Name	Description
Starts On < Starts On >=	Select a date on which the custom survey starts.
Closes On <= Closes On >	Select a date on which the custom survey closes.
Exclude Closed	Clear the checkbox to exclude the closed surveys from the search results.

Use case

The filters on any search page helps in finding the desired survey.

Include or Exclude terminated users from Pulse Dashboard and Heat Map

How did it work?

The pulse score in the Pulse Dashboard and Heat Map by default included terminated users.

How does it work now?

A new setting called **Include Terminated Users** has been introduced under the **Pulse 360** > **Pulse Survey** service. By default, this setting is enabled. When it is enabled, the Pulse Dashboard, Trending Line Chart, and Heat Map show pulse scores including terminated users. When it is disabled, the terminated users are excluded.

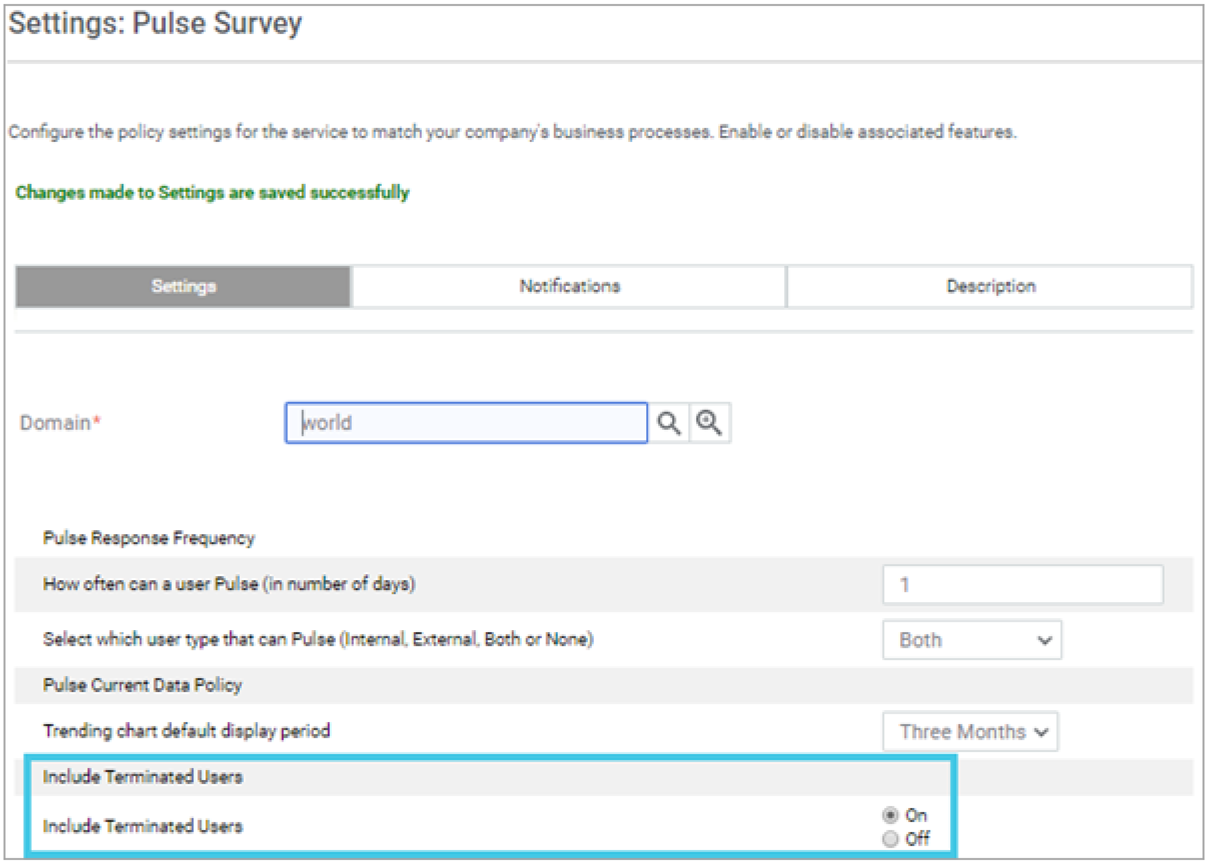


Figure 140: New Setting

Managers can view pulse score of team members' direct and indirect teams

How did it work?

Managers could only view the pulse score of their direct team members.

How does it work now?

Managers can now view the pulse score of their team member's direct and indirect team in **My Team** > **Dashboard** > **Pulse**. A new dropdown including team members' names and an **Include Indirects** checkbox has been introduced on the **Pulse** page. On selecting a team member, the dashboard shows their direct teams' pulse score. But on selecting the

Include Indirects checkbox, the dashboard shows the pulse score of selected member's indirect team as well. By default, the dashboard shows the pulse score of all members.

Note: This is applicable only for **Dashboard** and not **Heat Map**.

Figure 141: View pulse score

Use Case

This improves the usability of the pulse dashboard report as the senior manager can now view the score of their teams' direct and indirect reportees. This will help the senior manager analyze feedback per team about the management and the company.

Set reminders for users to take the pulse survey

How did it work?

Pulse Administrators could not set reminders for users to take the pulse survey.

How does it work now?

Pulse Administrators can now send reminders to users to take the pulse survey. A new setting **Set notification reminder period (in number of days)** has been introduced where the administrator must enter the number of days after which a reminder will be triggered. This setting is available under **Pulse 360 > Pulse Survey** service. The default value of this setting is **7** days. You must specify the value as this setting cannot be left blank. You can enter the minimum value as **1**. This setting once configured triggers the **Reminder to Pulse** notification to all users to take the pulse survey.

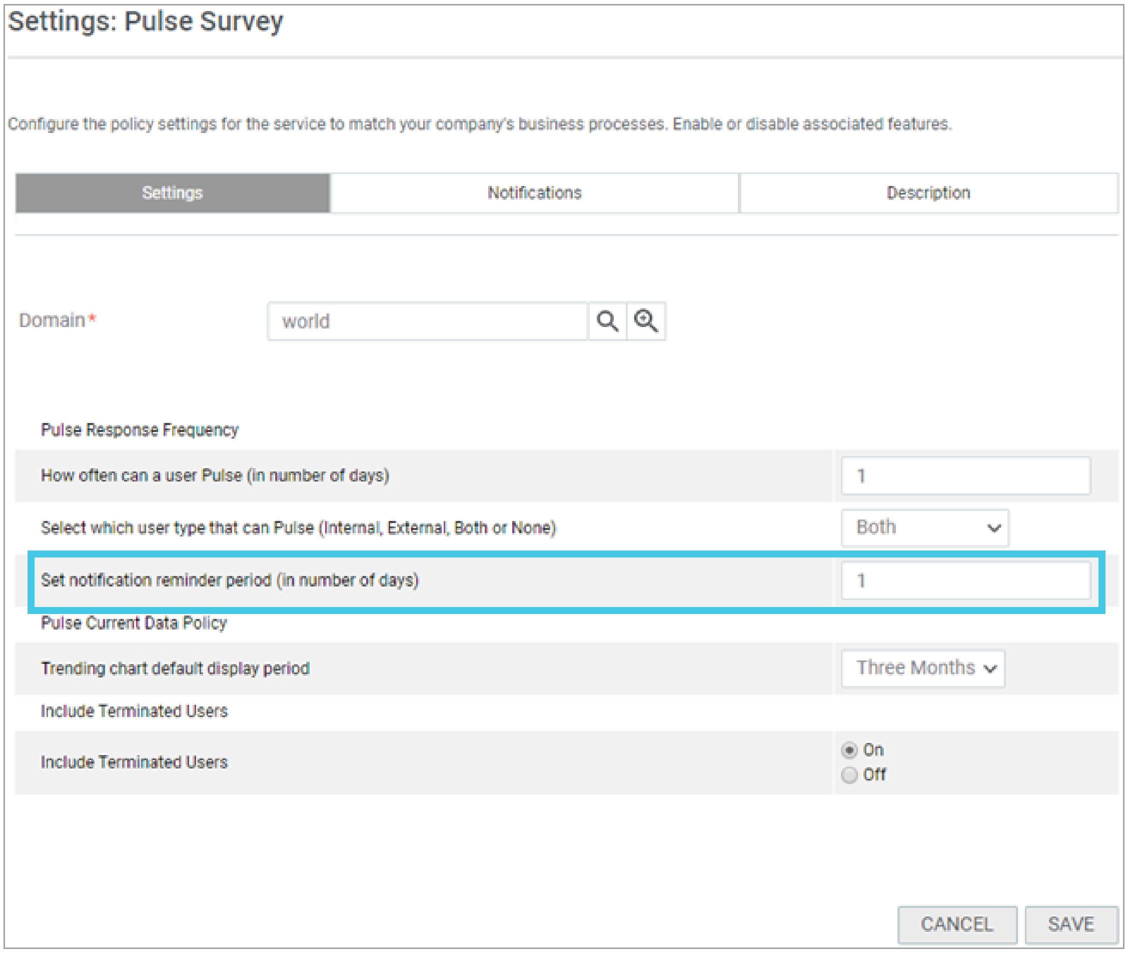


Figure 142: Set notification reminder period

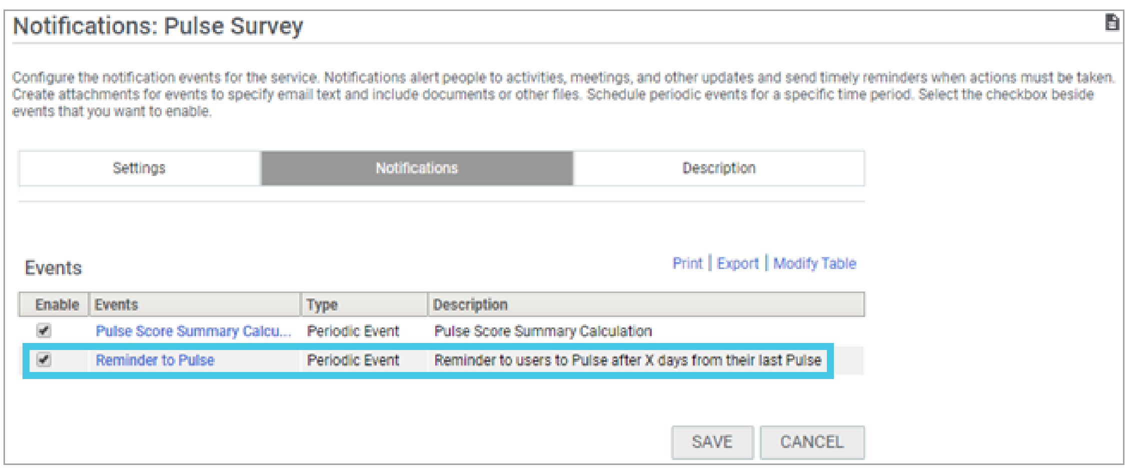


Figure 143: Notification that sends reminder

Chapter 9

Recruiting

Topics:

This section includes topics to guide you through new features and enhancements under Recruiting.

Pagination support on the Manage I-9 Verifications page

How did it work?

There was no pagination support on the **Manage I-9 Verifications** page.

How does it work now?

The pagination support has been added on the **Manage I-9 Verifications** page. It shows 10 employees by default. You can use the pagination arrows to access other employees.

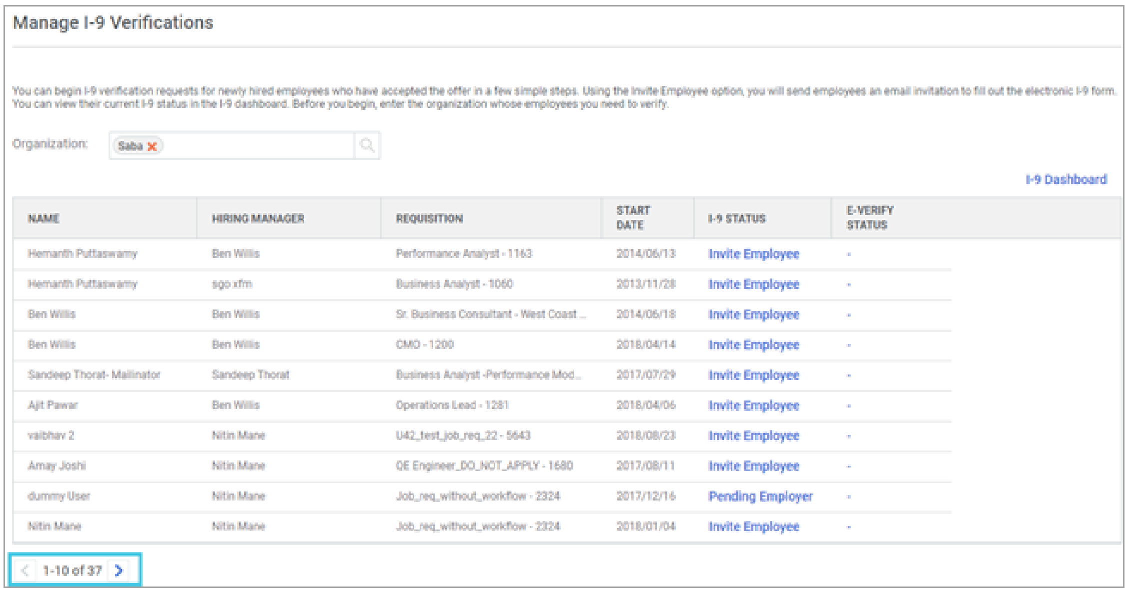


Figure 144: Pagination

Use case

This improves the usability as with minimal records on the page, the recruiting administrator can view the records properly.

Chapter

10

Remote Content Server

Topics:

The section is applicable ONLY to existing users of Saba Cloud who are using a Remote Content Server (RCS) to store their content.

Remote Content Server 1.7

How did it work?

The earlier versions of RCS did not have the capability to render SCORM contents in an iframe to support responsiveness when launched inline in the content player.

How does it work now?

With this update, Saba Cloud introduces the Modern Content Player Template that allows users to play responsive contents inline.

The new version of Remote Content Server, RCS 1.7 supports iframe instead of frames (which is deprecated in HTML5) to render the SCORM contents in the Modern Content Player.

Attention: RCS 1.7 is mandatory for playing content only if the Modern Content Player Template is used or if a player template has the 'Player View' property set to 'Modern'. For all other player templates and templates where the 'Player View' property is set to 'Classic', RCS 1.7 is optional. However, it is recommended to upgrade to RCS 1.7.

Note: If you use the Modern Content Player Template or a player template with 'Player View' property set to 'Modern' without updating the RCS files to version 1.7, then the content launch results in a *"404 – File Not Found"* error.

Deploying the Updated RCS.zip File

To deploy the updated RCS.zip file:

1. Navigate to your RCS folder.
2. Back up the existing RCS files and folders.
3. Unzip the new RCS.zip file to a temporary location.
4. Copy the updated RCS files and folders to the RCS folder.

   Note: You do not need to restart the Web Server

Verifying the Remote Content Server Version

To verify the version information of Remote Content Server:

1. Unzip the **RCS.zip** file to a temporary location.
2. Open the **changelog.txt** file. The new version information for RCS is noted in this file.

Chapter

11

Saba Video

Topics:

This section includes topics to guide you through new features and enhancements under Saba Video.

Saba Video bookmarking support for IE and Edge

How did it work?

Saba Video bookmarking was already supported on Firefox, Chrome, and Safari browsers, as well as on the Saba Mobile app. But users faced issues while bookmarking Saba Videos on MS Internet Explorer and Edge browsers.

How does it work now?

With this update, Saba Cloud now supports Saba Video bookmarking feature on MS Internet Explorer and Edge browsers so users can now pause and resume Saba Videos on these browsers smoothly.

Additionally, when a paused Saba Video is resumed, the videos now plays automatically from the point where it were last paused by the user. The auto-play support for videos is available in both Classic and Modern content players.

Use case

Users can smoothly bookmark Saba Videos on different browsers such as Firefox, Chrome, Safari, Internet Explorer, and Edge.

Chapter 12

Social

Topics:

This section includes topics to guide you through new features and enhancements under Social.

Access Quick Share from Downloads page

How did it work?

The **Quick Share** tab was available on the **Activity Stream** portlet in the Contribute panel.

Figure 145: Quick Share on Activity Stream portlet

How does it work now?

The Activity Stream and Contribute were modernized and streamlined. To maintain the simplicity, the **Quick Share** tab was moved out along with the **Meet**, **Private Message**, and **Saba Bookmarklet** tabs.

The **Quick Share** is now accessible from the **Downloads** page.

Note: Quick Share appears only when the **Saba Bookmarklet** service is disabled.

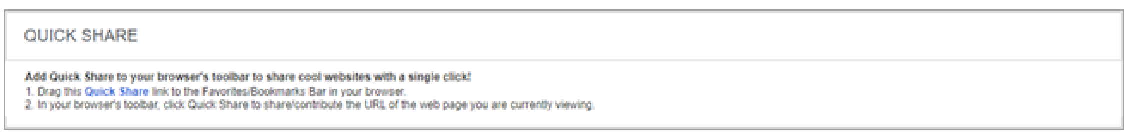


Figure 146: Quick Share on Downloads page

Drag it to the Favorites or Bookmarks bar in your browser and click it to share or contribute the URL of the web page you are currently viewing.

Enhancements to Filters and Contribute feature on Home Page Activity Stream

How did it work?

The filters on the Activity Stream of Home page could only let you select only one of the filters to find an activity. For example, you could either select the filters under Me, My Tags, or Type to find a specific activity.

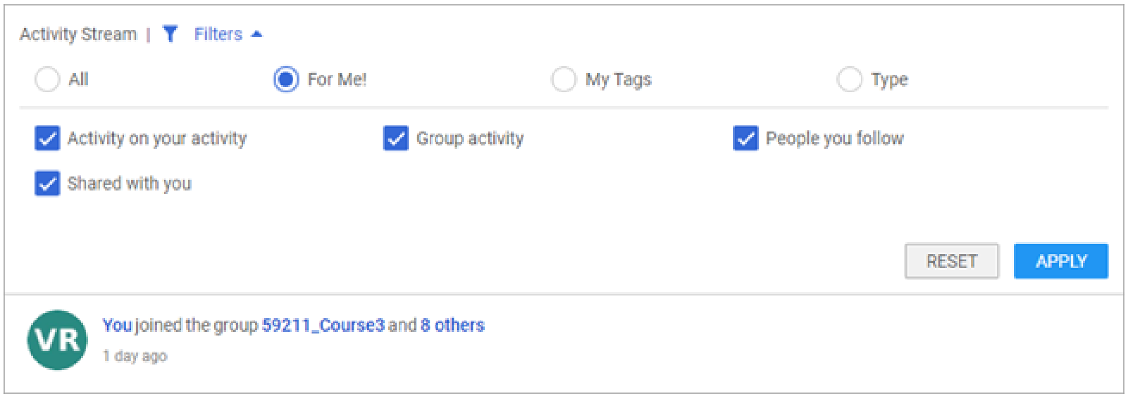


Figure 147: Filters on the previous Activity Stream

How does it work now?

The filters are now improved so that you can select multiple filters at once to display activities in the Activity Stream. You can now select more than one option from **FOR ME!**, **MY TAGS**, and **TYPE** dropdown list.

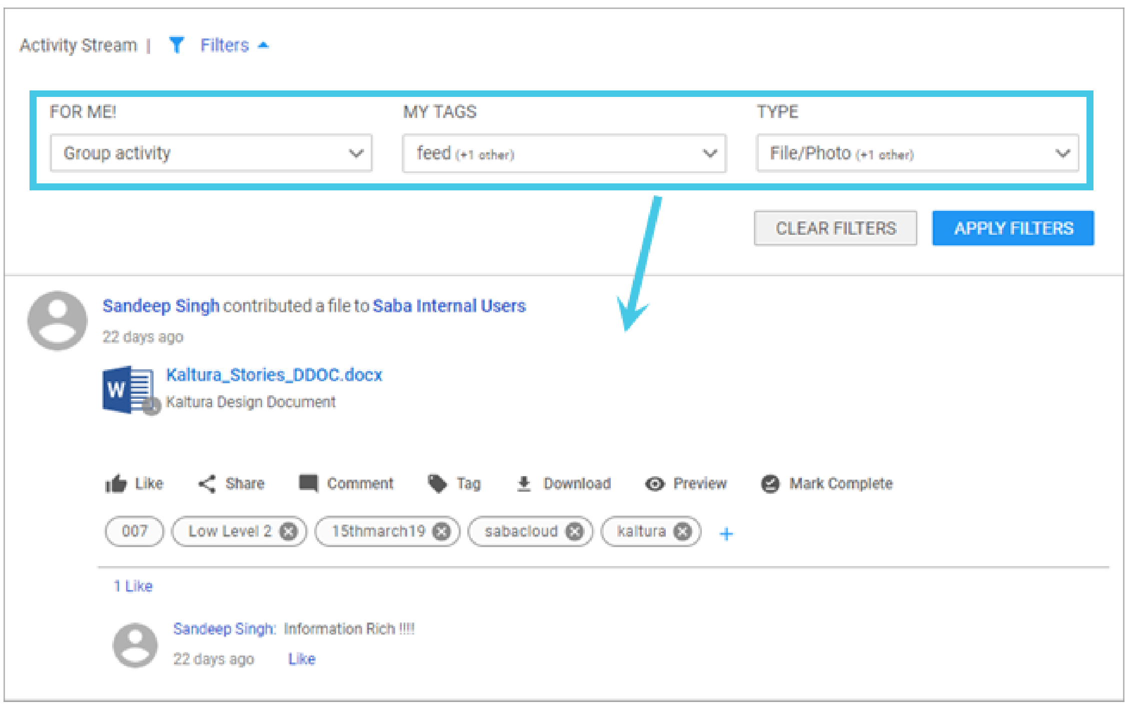


Figure 148: Filters on the Home Page Activity Stream

A new filter **My contributions** has been added under **FOR ME** that allows you to display only your contributions in the Activity Stream.

A new filter **Recruiting** has been added under **TYPE** that allows you to view the activities related to job requisitions, job offers, and candidates in the Activity Stream.

In addition to this, you can now associate a category while contributing a discussion.

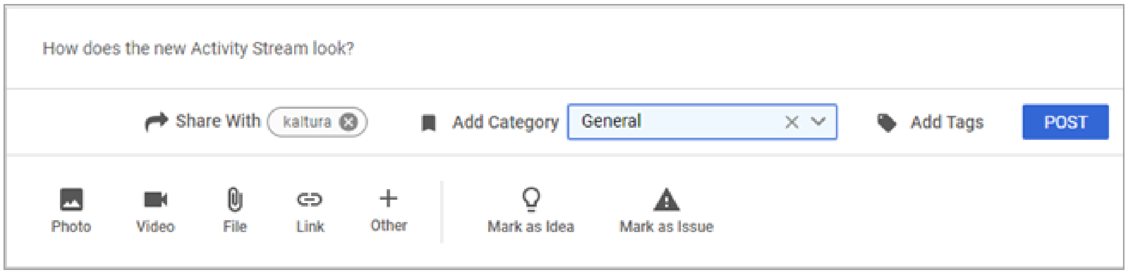


Figure 149: Add Category to a Discussion

Select the available category and post your discussion. By default, the discussion will be posted in the General category.

Chapter 13

System

Topics:

- Data Integration
- People
- REST API
- Digitally sign emails
- Landing page for a Microsite
- Profile MicroApp enhanced for the new user experience
- TIM recommends courses from content vendors

This section includes topics to guide you through new features and enhancements under System, People and HR.

Data Integration

Enhancement to privileges to do bulk import

How did it work?

In the past, users did not have the ability to selectively bulk import learning objects.

How does it work now?

In this update, the following changes have been made to the bulk import objects option:

- A new component named Bulk Import Ability has been added.
- An object level privilege has been added to this component for each bulk import.
- System component level Can do bulk Import Privilege has been changed to Can Do Bulk Import - All Available Import Objects.

To give access to only certain data imports to non-system admins, uncheck the System Admin privilege and check the respective privileges under Bulk Import Ability component.

Note: There will not be any changes from the current behavior if users choose to use the System level privilege.

Use case

Learning admins and People admins can now choose the bulk import option at the individual object level.

Enhancements to Course data import feature

How did it work?

In the past, option for enabling or disabling the notifications for specific courses was not available when using the data import option.

How does it work now?

The option to enable or disable notifications when using data import for specific courses has been added in this update. Additionally, the option to add tags to Course data import has also been added. However, tag can be added through Course data import only when Web 2.0 Actions business rule for Learning Catalog is enabled. Also, support for Consider Completion outside recurring window field in recurring course has been added.

New columns introduced to course data import:

NOTIFY_EVENT: Notification event name for which configuration need to be changed by the data import. Expected value for this column is notification event name or event number.

ENABLE_NOTIFY_EVENT : Enables or disables Status of Notifications Events for course. Expected value is true or false. In case of blank or invalid value passed, the default value - False will be considered.

TAG : Tag name to be associated with the course.

CONSIDER_COMPL_OUTSIDE_RECERT : Mark Consider Completion outside recurring window for recurring course as enable or disable. Accepted values are true or false.

Navigation path to the data import template:

Admin Home > **System** > **Manage Integrations** > **Integration Studio** > **New UI Import**

Select the **Course** object from the drop down list and click **Download Sample**.

Note: Tag addition or removal will not be logged in the activity stream.

Use case

With this update, notifications can be triggered on or turned off, for specific courses when importing data using data import. And courses can be tagged during import.

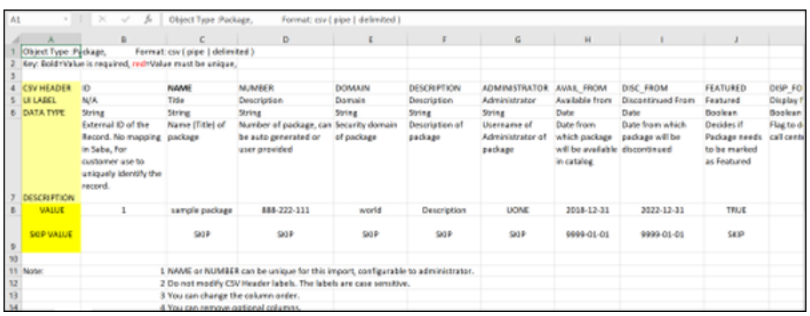
Data import support for Packages

How did it work?

In the past, Packages could not be imported using the data import method.

How does it work now?

Users can now import Packages data in bulk using the data import method.



Note: Items and choices can be added or updated or removed in update mode.

Use case

Users can now import Packages data using the bulk data import method. This will enable them to import large amount of Package data in a short amount of time.

Record-Level-Delete option available for additional objects

How did it work?

In the past, Record-level-Delete option was not available for all objects from data import option.

How does it work now?

Record-level-Delete option is now available for the following objects from data import:

- Equipment
- Classroom
- Facility

Note: Notes Association is not supported for delete or delete all functionality.

Use case

Users can now use Record-Level-Delete option for Equipment, Classroom and Facility objects.

Import learning categories using bulk data import

How did it work?

Prior to this update, large number of learning categories had to be imported manually. The ability to import categories in bulk was not available.

How does it work now?

A new Object **Category** has been added to the list of data import objects using which an admin can import large number of categories in bulk.

You can also update or delete existing categories using the CSV file.

To import the Category template, access:

System Admin > Manage Integrations > Integration Studio > New UI Import > Choose Object Name > Category

The Category import template includes the following columns:

CSV Header	Description	Data type
ID	Unique row identifier	String
NAME	Name of category	String
DESCRIPTION	Description of category	String
PARENT	Name of parent category	String

CSV Header	Description	Data type
DOMAIN	Name of Domain	String
IS_FEATURED	Featured flag	Boolean
OWNER	Username of category owner	String
LANGUAGE	Name of language	String
SHARED_WITH_GROUP	Name of group with whom category is shared	String
SHARED_WITH_USER	Name of user with whom category is shared	String
SHARED_ROLE	Role name i.e. Viewer, Co-owner etc	String
AUDIENCE_TYPE	Audience types	String
NEW_NAME	A new Name is given in this field when the name of an existing categry need to be changed	String
NEW_PARENT	When a parent level needs to be changed, If a Category needs to be moved to the root level, then mention $ROOT in this columns.	String
ACTION	Delete a category action is supported with this field. Specify DELETE in this field to delete a category.	String

SHARED_WITH and AUDIENCE_TYPE are two associations present in this import. At a time only one of SHARED_WITH_GROUP or SHARED_WITH_USER should be specified for single association element.

Use case

Large amount of learning categories can now be imported using bulk data import method.

Bulk content import enhancements

How did it work?

It is an enhancement.

How does it work now?

Bulk content import can now accept image URL, categories, tags and audience types.

The following attributes have been added:

1. ImageURL.

   If provided, the image URL on the corresponding course will get updated. Image URL should be added to course only if the current content is the only active content on the course.

2. Audience types, Categories, Tags

   When passed, the Course created will get the provided audience types, categories and tags and the tags will get associated with Content as well.

Use case

This update can enhance the viewing experiences for learners with images, browsing options, and tags.

Mandatory field added to certifications and curricula association for the Role import

How did it work?

The Roles data import did not support marking certification or curicula as required.

How does it work now?

Is mandatory field support has been added for certification and curricula association in Roles data import.

The **Role** data import object will have the new column addition.

Use case

The Roles data import now supports the **Is Mandatory** field.

.

New data import for impressions

How did it work?

Prior to this update, there was no support to import Impressions into Saba Cloud using bulk import.

How does it work now?

A new data import called **Impressions** has been added to import impressions from external sources.

Users can use import to create impressions but once created, the impressions cannot be updated using data import method.

The new Impressions import template includes the following columns:

CSV Header	Description	Datatype
ID	Unique row ID	String
SUBMITTED_FOR	Username of person receiving impres~ sion	String
SUBMITTED_BY	Username of person giving impression	String
SUBMITTED_ON	Date of impression submission	Date
COMMENTS	Impression comments / text	String
IS_PRIVATE	if private flag	Boolean
BADGE	Name of badge	String
IMPROVEMENT	Improvement message / comment	String

Note: Points transfer with impression import is not supported.

Use case

A new data import has been added to import impressions.

Provide Export and Import capability for ACL and Data Extract Queries

How did it work?

In the past, Saba Cloud did not support the export and import capability for ACL and data extract queries.

How does it work now?

In this update, export and import options are available for ACL and data extract queries.

Export and import for ACL

Import will completely overwrite existing ACLs. This functionality is limited to profile ACLs, and is not relevant for ACLs used in Social and other areas.

To access the ACL export page: **System Admin** > **Configure System** > **Import /Export Configuration**.

Data Extract Queries

If there is an existing Data Extract Query by the same name, then it will be updated. Otherwise, a new Query will be created on import. To create data extract queries, submit a support ticket.

Use case

This update provides users the ability to Export and Import ACL configuration and data extract queries from one environment to another.

Associate badges with transcripts and adhoc transcripts data import

How did it work?

In the past, when a user was marked complete using Transcript or Adhoc Transcript Import, appropriate badges were not getting assigned to that user.

How does it work now?

Transcript and Adhoc Transcript data import will now add the associated badges on successful completion of courses.

This applies to all types of courses - regular courses, recurring courses and gamified courses.

Note: To earn badges, Microsite properties should be set to True.

Use case

User completing courses can now receive the associated badges with transcripts and adhoc transcripts when using the data import option.

Associate skills with a curriculum data import

How did it work?

In the past, skills were only associated with courses and not with curriculum data import.

How does it work now?

Now, skills are associated with the curriculum data import.

The following fields are added to the Curriculum data import file:

Sr. No	Data Import Field	Description
1	SKILL	SKILL name to be associated with the curriculum.
2	SKILL_LVL	Skill Level name to be associated with the Curriculum.

3	SKILL_LIBRARY	Skill library name. If it is blank or if invalid library value is passed, then, it will take the default value for company skills.

Use case

Association for Skills in Curriculum data import is now available.

Option to use email as user identifier in the Results Reporting data import

How did it work?

In the past, the Result Reporting Data Import could only import completion results based on the user name. For many content vendors, results are commonly being reported using user's email.

How does it work now?

The Result Reporting Data Import now allows email to be passed as the user identifier.

A separate **Email ID** column is added to specify for result reporting.

If valid and unique Email ID is provided in the **Email ID** column, the result reporting will be able to report result for that mentioned Email ID.

USERNAME	VENDOR	EXT_CONTENT_ID	COMPLETION_STATUS	SCORE	MIN_SCORE	MAX_SCORE	TIME_SPENT	EMAIL	Result
	Adobe	urn:li:lyndaCourse:4200009000134324321	completed	80	10	90	23:59	abc@email.com	Case- User not enrolled and performed RR. ERROR: (150399) No content inventory found for this combination urn:li:lyndaCourse:4200009000134324321, Adobe, emplo000000000567600
	Adobe	urn:li:lyndaCourse:4200009000134324321	completed	80	10	90	23:59	xyz@saba.com	Case - User enrolled and has valid email id. Successful
	Adobe	urn:li:lyndaCourse:4200009000134324321	completed	80	10	90	23:59	Joe@email.com	Case- Reattempted completioned ERROR: (120550) (150290) Attempt is already completed.
	Adobe	urn:li:lyndaCourse:4200009000134324321	completed	80	10	90	23:59	THANOS@INFINITYWAR.CO	Case - Multiple users with
CMAN2	Adobe	urn:li:lyndaCourse:4200009000134324321	completed	80	10	90	23:59	cman2@abc.com	Case - usernamd and email
sam_malin04@yahoo	Adobe	urn:li:lyndaCourse:4200009000134324321	completed	80	10	90	23:59		Case - Username is emailid. Successful

Figure 150: Results Reporting Data Import template

Note: The user name can be an email, name, or number.

Use case

Completion reports can now be generated based on additional data points such as the email ID, or the number.

People

Changes made during termination cleanup step are now logged

How did it work?

In the past, there was no audit or a log of what was cleaned up by the system after a termination event of a person.

How does it work now?

With this update, all actions done by the system as part of the internal or external termination cleanup of periodic events can now be logged and can be viewed as Post termination event history. The action taken, object id (Registration, etc), status and any error message can be viewed.

From the People Admin section, you can access and see the post termination activities. However, the following factors must be set up from the System Admin page to access and view the audit details.

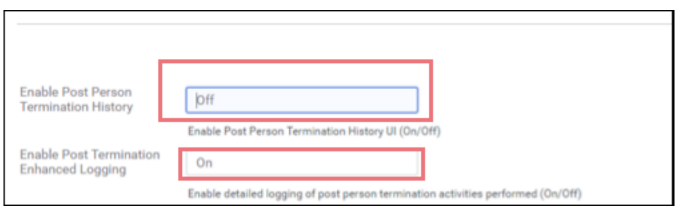
- The visibility of the menu
- Advanced logging of the post termination activities

Note: Data will be collected only after this service is enabled and for a max of 365 days.

From the System Admin page navigate to:

Microsites > **Site Properties** > **Person Termination**-Configure settings for Person Termination

In the configuration screen that shows next, enter the options for the fields.

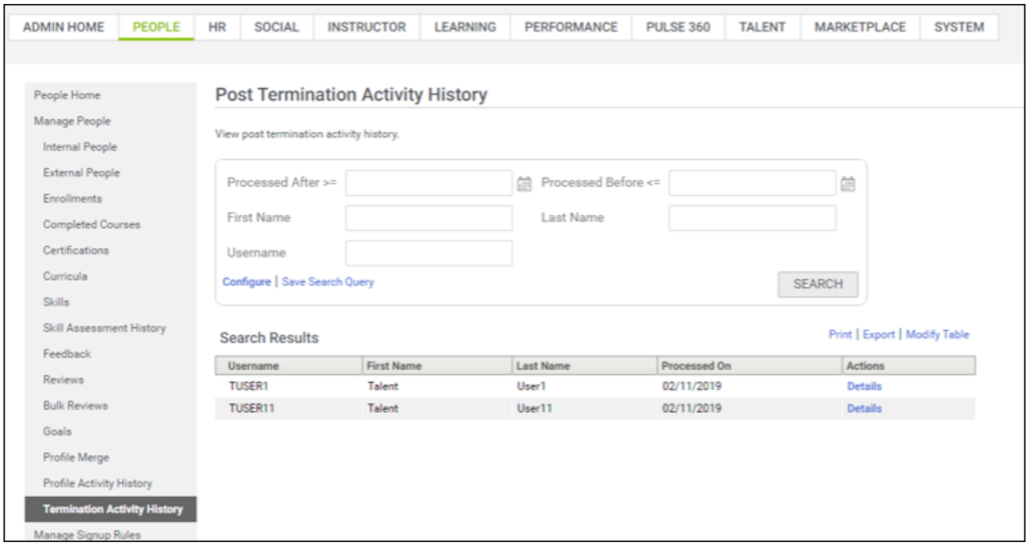


By default, the **Enable Post Person Termination History** field is enabled. Only when you enable it, the Termination History Profile page will show on the People Admin section page.

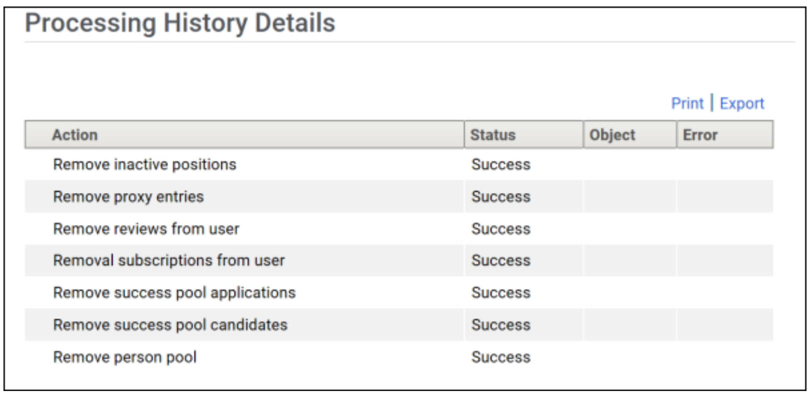
Set the **Enable Post Termination Enhanced Logging field** On to get the detailed logging of post person termination activities.

To access and view the Post Termination Activity History page:

1. Navigate to **People Admin** > **Manage People**.
2. Scroll down to **Termination Activity History** page.



3. Click on **Details** from the **Actions** column for the entry that you want to see the audit log for. You will see the following screen with log details.


Processing History Details

Print | Export

Action	Status	Object	Error
Remove inactive positions	Success		
Remove proxy entries	Success		
Remove reviews from user	Success		
Removal subscriptions from user	Success		
Remove success pool applications	Success		
Remove success pool candidates	Success		
Remove person pool	Success		

Use case

Users can now view the audit details for Post Termination Activity history.

Hide learning plan and completion page from administrators on profile view

How did it work?

In the past, an administrator could find users via Global Search and could access the Plan and the Completed Learning details.

How does it work now?

With this update, My Plan and Completed Learning will be available only to managers and learners and not to admins by default. Only when the configuration for Show Plan and Transcript for Admin is enabled at the security settings, they are available to the admins.

1. Navigate to **Saba Cloud** > **Admin** > **system** > < **default microsite** > < **sitename**>
2. Click **Security property** > **Show Plan and Transcript for Admin**

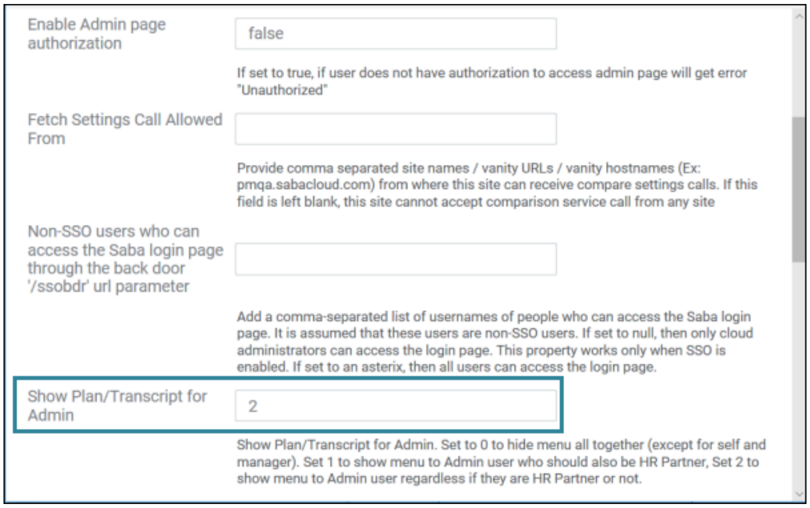


Figure 151: Security setting for plan and transcript for admin

Set the configuration value to 0 to hide the Plan and Transcript menu all together (except for self, manager or position manager). This is will be the default configuration.

Set it to 1 to show the Plan and Transcript menu to Learning, Performance, or a People Admin user who should also be an HR Partner.

Set it to 2 to show the Plan and Transcript menu to Learning, Performance and People admin user regardless of whether they are HR Partners or not.

Use case

The Plan and Transcript page will display to admins only if the **Show Plan/Transcript for Admin** security settings are enabled.

Enhanced spoken language section on profile page

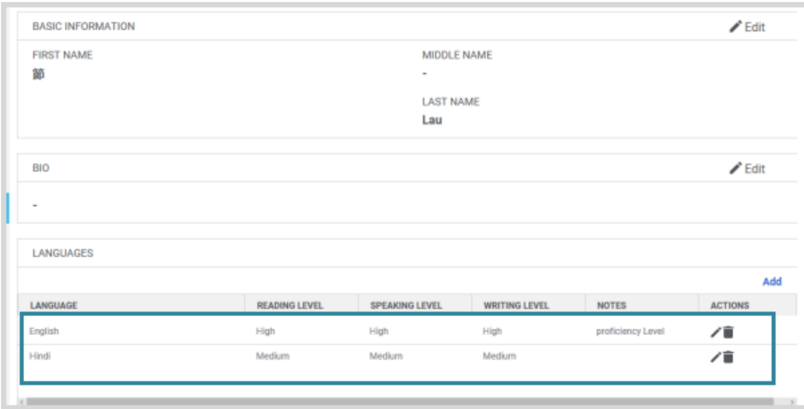
How did it work?

In the past, editing of the language from the Me > Profile was not supported.

How does it work now?

With this update, users can add or edit the spoken language section on the Me > Profile page. Users can provide their speaking, reading and writing level along with any special notes for each language option.

Note: Editing of spoken languages will be governed by ACL



On the ACL configuration page, the admin needs to enable the All can View and Edit option so that the user can view and edit the Languages skills section.

Use case

With this update, user can directly add or edit the Spoken language section on their profile page.

Option to differentiate between admins when determining ACL security

How did it work?

ACL security (in regards to Profile) has been used to determine which fields of a person's record can be seen by which role - Self, Manager, Admin and so on.

To determine who is an Admin, the conditions were too wide. It included any kind of admin - People Admin, Learning Admin, Instructor - at any domain - as an Admin.

How does it work now?

A new privilege called **Is ACL Admin** has been added to the system component. This privilege will determine if the person is to be considered an admin for ACL purposes or not. If this privilege is not granted, then regardless of which administrator a person is (Learning, People, System, etc.) they will be treated as a regular user for ACL purposes. If this privilege is granted, then regardless of which administrator a person is (Learning, People, System, etc.) they will be treated as an ACL admin.

For backward compatibility, all roles that are today considered as admin roles will be granted this privilege.

The Is ACL admin privilege has been added to the following security roles:

- Human Capital Admin
- Super User
- System Admin

- Collaboration Admin
- Content Admin
- Content Manager - Admin
- Performance Admin
- Talent Admin
- Compensation Admin
- Recruiting Admin
- Learning Admin - Catalog Builder
- Learning Admin - Local Catalog Admin
- Learning Admin - Registrar
- Learning Admin - Instructor
- Learning Admin - Evaluator
- HR Partner | Performance
- Virtual Event Admin
- Analytics Admin
- I9 Verifier
- Objectives Administrator

If you are using Custom security roles, then, you need to grant or revoke this privilege depending on the requirement.

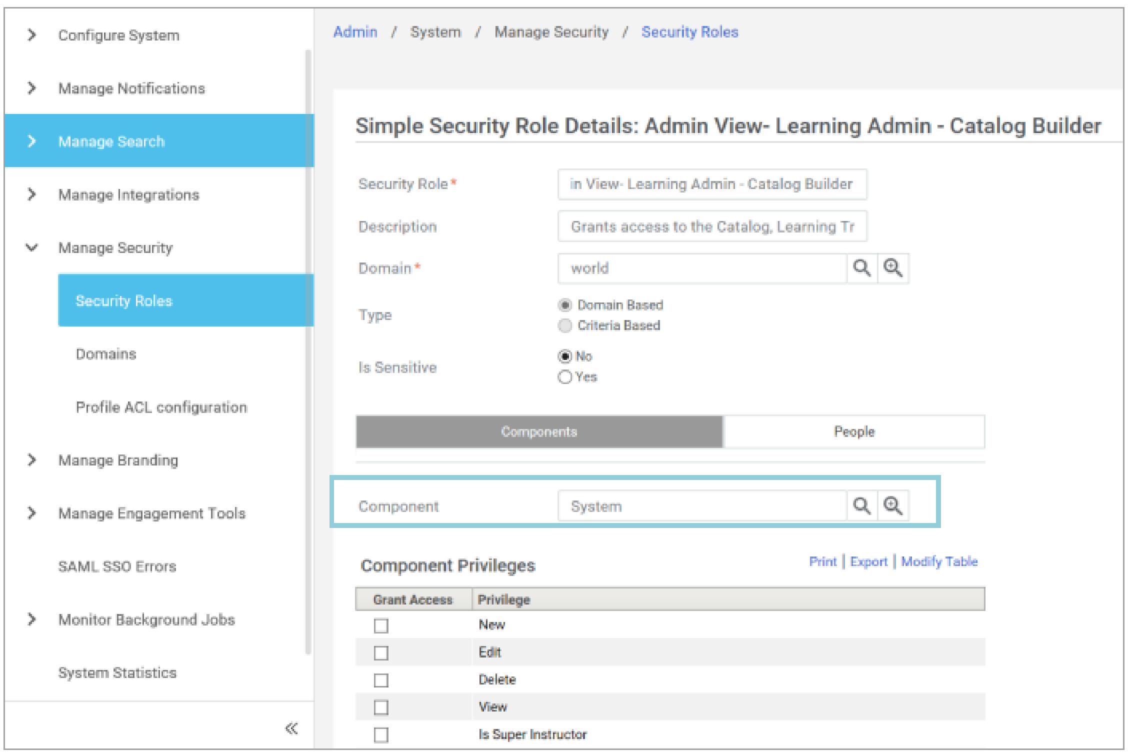


Figure 152: Grant privilege

Is ACL Admin option is turned ON.

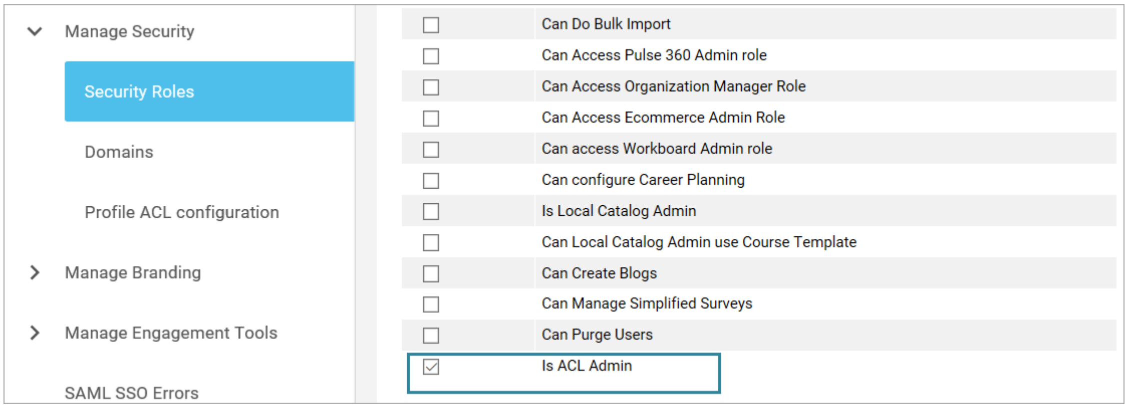


Figure 153: Is ACL Admin option

Use case

The new privilege, **Is ACL Admin** added to the Security Roles will help in differentiating an ACL privilege admin among all admins irrespective of the roles assigned to them.

Profile PDF in sync with person profile

How did it work?

In the past, when exporting PDF from the Me> profile page, users could view sections that they may not have been granted access to.

How does it work now?

In this update, the profile and the PDF extract are in snyc.

The sections that are turned Off for viewing in the profile page will not display in the PDF extract and it is controlled by a property as shown below in the screenshot.

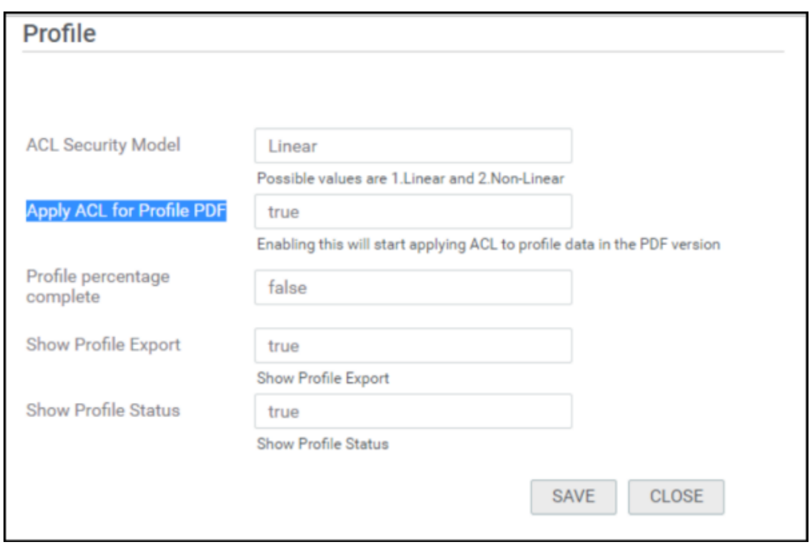


Figure 154: Settings for PDF profile

Use case

This feature ensures that if ACL restricts a certain field or section in the Web view, then it will not be shown on the PDF view either.

Changes to Person custom field on Me>Profile page

How did it work?

In the past, the default value from the custom attribute under Me> Profile page would show if the actual value was not provided.

How does it work now?

The default values are no longer shown on ME > Profile page. Instead, only the actual values are shown. If the actual value is not given, then the field for actual value will be empty. Even if the default value is different, the field will remain empty.

Use case

The custom attribute will only display the actual value under Me>Profile page, even if the default value is available.

Improvements on Grid Custom section

How did it work?

The Grid Custom section was updated with a few improvements.

How does it work now?

Following improvements are added to the Grid Custom section:

- Now, both in **Me**> **Additional Information** and the admin full profile section, when creating a new profile, the Unique ID will be automatically generated. But when editing an existing profile, the field cannot be edited.
- The **Me**> **Profile** section now provides the sorting column for **Dates** but it is not available on the Admin-> full profile page.
- A tooltip is available for full text display at **Me** > **Additional information** section.

Provide options to add and delete attachments by a manager

How did it work?

In the past, users could add and delete attachments from the Me > Profile > Career Interests section. But managers could only add attachments for team members and were not able to delete them.

How does it work now?

A manager can now add and delete an attachment for a Team member from My team > Team member > Profile > Career Interests section.

Attachment can be added and deleted by a manager

Use case

Manager can add and delete attachments to their team members' profile pages.

Enhancement to Profile Merge and Profile Transfer feature

How did it work?

This is an enhancement.

How does it work now?

Profile Merge and Transfer feature has been enhanced:

The is_resource flag on the target record is enabled if it is enabled on the source record.

Profile Merge and Transfer step gives an option to move resource assignments from old person to new person.

When the profile merge is being performed, if the merge resource assignment option is selected and if the secondary person is a resource, then the primary person will become a resource.

When the person transfer is being performed, if the selected person is a resource, then the resulting transferred person also will become a resource if the resource assginment option is selected in UI during person transfer.

Note: Any resource assignments resulting in conflicts will not be moved.

Use case

The Profile Merger and Transfer feature now allows the user to move resource assignments from the old person to new person.

Unused actions are deleted from Notification Events

How did it work?

There were some Actions that were not in use under Notification Events.

How does it work now?

Following Actions were removed from these Notification Events:

Event: Approval Required for New User

Action: Send letter to Admin with approval request

Event: User Rejected

Action: User's reject letter

Note: Only actions are removed, and not the events.

REST API

New REST APIs

APIs for Packages

How did it work?

These are new REST APIs.

How does it work now?

The following REST APIs are now available for retrieving, creating and updating packages.

FIND THE DETAILS OF THE PACKAGES

Overview

Returns the details of the Packages 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/package?q=(:criteria)&count=:count&startPage=:startPage

Calling Options

Table 21: Calling Options

Name	Description	Default Value	Data Type	Required?
criteria	The search criteria i.e. the criteria field available_from with search value.	available_from %3Dge%3D2011-01-29 01:29:32 AM	string	Yes
count	The number of records per page.	10	string	No
startPage	The start page number for the list of records.	1	string	No

Return Values


```
{
    "securityDomain": {
        "id": "domin000000000001000",
        "displayName": "Domain1"
    },
    "customValues": {
        "custom0": "Sandeep",
        "custom1": null,
        "custom2": null,
        "custom3": null,
        "custom4": null,
        "custom5": null,
        "custom6": null,
        "custom7": null,
        "custom8": null,
        "custom9": null
    },
    "category": null,
    "owners": [
        [
            "gvern000000000005602",
            {
                "hasEdit": false,
                "hasView": false,
                "ownerType": "100",
                "sequence": 1,
                "parent": {
                    "id": "pckge000000000001922",
                    "displayName": null
                },
                "type": "100",
                "owner": {
                    "id": "emplo000000000001000",
                    "displayName": "User One"
                },
                "id": "gvern000000000005602"
            }
        ],
        [
            "gvern000000000005603",
            {
```

```
                "hasEdit": false,
                "hasView": false,
                "ownerType": "100",
                "sequence": 2,
                "parent": {
                    "id": "pckge000000000001922",
                    "displayName": null
                },
                "type": "100",
                "owner": {
                    "id": "persn000000000200487",
                    "displayName": "Sandeep Chaudhary"
                },
                "id": "gvern000000000005603"
            }
        ],
        [
            "gvern000000000005604",
            {
                "hasEdit": false,
                "hasView": false,
                "ownerType": "100",
                "sequence": 3,
                "parent": {
                    "id": "pckge000000000001922",
                    "displayName": null
                },
                "type": "100",
                "owner": {
                    "id": "persn000000000001000",
                    "displayName": "Joe Makers"
                },
                "id": "gvern000000000005604"
            }
        ]
    ],
    "audienceType": [],
    "keywords": [],
    "packageItems": [
        {
            "packageChoices": [
                {
                    "learningitem_id": {
                        "id": "cours000000000204716",
                        "displayName": "106360_Course1"
                    },
                    "packageitem_id": {
                        "id": "pkgit000000000002481",
                        "displayName": "item1"
                    },
                    "sequence": 1,
                    "deliverytype_id": {
                        "id": "eqcat000000000000001",
                        "displayName": "Course"
                    },
                    "baseDeliveryType": null,
                    "id": "pkgch000000000002681"
                }
            ],
            "effectivePrice": null,
            "package_id": {
                "id": "pckge000000000001922",
```

```
                "displayName": "19Jan_Package"
            },
            "no_of_choices": 1,
            "sequence": 1,
            "training_units": 51,
            "name": "item1",
            "description": "item description",
            "id": "pkgit000000000002481"
        },
        {
            "packageChoices": [
                {
                    "learningitem_id": {
                        "id": "cours000000000202571",
                        "displayName": "00000000AdobeAttendanceCase"
                    },
                    "packageitem_id": {
                        "id": "pkgit000000000002482",
                        "displayName": "item2"
                    },
                    "sequence": 1,
                    "deliverytype_id": {
                        "id": "eqcat000000000000001",
                        "displayName": "Course"
                    },
                    "baseDeliveryType": null,
                    "id": "pkgch000000000002682"
                },
                {
                    "learningitem_id": {
                        "id": "class000000000204843",
                        "displayName": "106360_Course2"
                    },
                    "packageitem_id": {
                        "id": "pkgit000000000002482",
                        "displayName": "item2"
                    },
                    "sequence": 2,
                    "deliverytype_id": {
                        "id": "eqcat000000000000004",
                        "displayName": "Instructor-Led"
                    },
                    "baseDeliveryType": 100,
                    "id": "pkgch000000000002683"
                }
            ],
            "effectivePrice": null,
            "package_id": {
                "id": "pckge000000000001922",
                "displayName": "19Jan_Package"
            },
            "no_of_choices": 2,
            "sequence": 2,
            "training_units": 50,
            "name": "item2",
            "description": null,
            "id": "pkgit000000000002482"
        }
    ],
    "image": null,
    "effectivePrice": null,
    "no_of_items": 1,
```

```
    "pricing_type": "100",
    "package_no": "00001561",
    "language_id": null,
    "displayfor_web": false,
    "featured": false,
    "available_from": "2019-01-19T00:00:00.000+0000",
    "training_units": 101,
    "discontinued_from": null,
    "priceband_units": null,
    "priceband_id": null,
    "administrator_id": {
        "id": "emplo000000000200707",
        "displayName": "ABC"
    },
    "name": "19Jan_Package",
    "description": null,
    "id": "pckge000000000001922",
    "displayfor_callcenter": false
}
```


GET ALL PACKAGES

Overview

Returns all Packages for which the user has access.

Requires OAuth

No

Method

GET

URL

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

Calling Options

Table 22: Calling Options

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

Return Values


```
{
    "totalResults": 79,
    "hasMoreResults": true,
    "startIndex": 1,
    "itemsPerPage": 10,
```

```
    "results": [
        {
            "name": "19Jan_Package",
            "id": "pckge000000000001922",
            "href":
"https://<hostname>/Saba/api/component/package/pckge000000000001922"
        },
        {
            "name": "20Jan2018",
            "id": "pckge000000000001923",
            "href":
"https://<hostname>/Saba/api/component/package/pckge000000000001923"
        },
        {
            "name": "21Jan2018",
            "id": "pckge000000000001926",
            "href":
"https://<hostname>/Saba/api/component/package/pckge000000000001926"
        },
        {
            "name": "22Jan2018",
            "id": "pckge000000000001928",
            "href":
"https://<hostname>/Saba/api/component/package/pckge000000000001928"
        },
        {
            "name": "23Jan2018",
            "id": "pckge000000000001929",
            "href":
"https://<hostname>/Saba/api/component/package/pckge000000000001929"
        },
        {
            "name": "26Jan2018",
            "id": "pckge000000000001932",
            "href":
"https://<hostname>/Saba/api/component/package/pckge000000000001932"
        },
        {
            "name": "359PM",
            "id": "pckge000000000001963",
            "href":
"https://<hostname>/Saba/api/component/package/pckge000000000001963"
        },
        {
            "name": "aaacou_for_package_with_no_price",
            "id": "pckge000000000001092",
            "href":
"https://<hostname>/Saba/api/component/package/pckge000000000001092"
        },
        {
            "name": "aaa_package_in_domain1",
            "id": "pckge000000000001089",
            "href":
"https://<hostname>/Saba/api/component/package/pckge000000000001089"
        },
        {
            "name": "AdhocPackageTesting",
            "id": "pckge000000000001622",
            "href":
"https://<hostname>/Saba/api/component/package/pckge000000000001622"
        }
    ],
```

```
    "facets": []
}
```

GET THE DETAILS OF A PARTICULAR PACKAGE

Overview

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

Requires OAuth

No

Method

GET

URL

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

URL (User-friendly)

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

https://<*hostname-api.sabacloud.com*>/v1/package/*packageNo*=<*packageNo*>

Calling Options

Table 23: Calling Options

Name	Description	Default Value	Data Type	Required?
id	Package's ID	pckge000000000001818	string	Yes
searchFields	Indicate what additional de~ tails needs to be returned. Acceptable values are (case-sensitive)		string	No

Return Values


```
{
    "securityDomain": {
        "id": "domin000000000000001",
        "displayName": "world"
    },
    "customValues": {
        "custom0": "default",
        "custom1": "cus1",
        "custom2": "2",
        "custom3": null,
        "custom4": null,
        "custom5": null,
        "custom6": null,
        "custom7": null,
        "custom8": null,
```

```
        "custom9": null
    },
    "category": null,
    "owners": [
        [
            "gvern000000000005422",
            {
                "ownerType": "100",
                "sequence": 1,
                "hasEdit": false,
                "hasView": false,
                "parent": {
                    "id": "pckge000000000002045",
                    "displayName": null
                },
                "type": "100",
                "owner": {
                    "id": "emplo000000000001001",
                    "displayName": "User Two"
                },
                "id": "gvern000000000005422"
            }
        ]
    ],
    "audienceType": [
        {
            "offering_temp_id": {
                "id": "pckge000000000002045",
                "displayName": "packageTestA07A"
            },
            "audience_type_id": {
                "id": "audie000000000001121",
                "displayName": "Recruiting"
            }
        },
        {
            "offering_temp_id": {
                "id": "pckge000000000002045",
                "displayName": "packageTestA07A"
            },
            "audience_type_id": {
                "id": "seatc000000000001020",
                "displayName": "aud_11"
            }
        }
    ],
    "keywords": [
        {
            "id": "kywrd000000000200466",
            "displayName": "Java"
        },
        {
            "id": "kywrd000000000200465",
            "displayName": "abc"
        }
    ],
    "packageItems": [
        {
            "packageChoices": [
                {
                    "sequence": 1,
                    "deliverytype_id": {
```

```
                        "id": "eqcat000000000000001",
                        "displayName": "Course"
                    },
                    "learningitem_id": {
                        "id": "cours000000000200060",
                        "displayName": "wbt_basic"
                    },
                    "packageitem_id": {
                        "id": "pkgit000000000002525",
                        "displayName": "item01"
                    },
                    "baseDeliveryType": null,
                    "id": "pkgch000000000002746"
                }
            ],
            "effectivePrice": null,
            "sequence": 1,
            "training_units": 12,
            "package_id": {
                "id": "pckge000000000002045",
                "displayName": "packageTestA07A"
            },
            "no_of_choices": 1,
            "name": "item01",
            "description": "item description",
            "id": "pkgit000000000002525"
        }
    ],
    "image": null,
    "effectivePrice": null,
    "pricing_type": "100",
    "language_id": null,
    "available_from": "2013-08-12T00:00:00.000+0000",
    "training_units": 12,
    "discontinued_from": "2018-11-12T00:00:00.000+0000",
    "displayfor_web": true,
    "no_of_items": 1,
    "featured": true,
    "priceband_units": null,
    "package_no": "T000A7",
    "priceband_id": null,
    "administrator_id": {
        "id": "emplo000000000200003",
        "displayName": "HCADMIN"
    },
    "name": "packageTestA07A",
    "description": "description text",
    "id": "pckge000000000002045",
    "displayfor_callcenter": true
}
```


CREATE A NEW PACKAGE

Overview

Creates a new Package

Requires OAuth

No

Method

POST

URL

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

Calling Options

Table 24: Calling Options

Name	Description	Default Value	Data Type	Required?
name	Package name	package01	string	Yes
package_no	Package Number	001	string	Yes
securityDomain	Domain Supports lookup.	{"id":"domin000000000000001", "display~Name":"world"}	string	Yes
description	Package description	this is a new package	string	No
administrator_id	Package Adminstrator Supports lookup.	{"id":"emplo000000000200003", "display~Name":"Dummy1"}	string	No
currency	Package Currency Supports lookup.	{"id":"crncy000000000000001" ,"displayName":"USD"}	string	Yes
available_from	Package stat date	2018-08-12T00:00:00	string	No
discontin~ued_from	Package end date	2019-10-12T00:00:00	string	No
featured	defines whether pack~age is feature package or not	true	string	No
displayfor_call~center	Display for Call Cen~ter	true	string	No
displayfor_web	Display for Web	true	string	No
pricingType	Package Pricing Type. Pricing Type for Package: Package level / Item level value 100 is for Pack~age level pricing value 200 is for item level pricing	100	number	Yes

Name	Description	Default Value	Data Type	Required?
multicurrency_pref	Multicurrency Preference Default value is 1. i.e. only in selected currency: • 1 means selected currency • 2 means selected currency and default currency • 3 means all currency	1	number	No
price	Package Price	100.00	string	Yes
items	Package Items. Min one item is required for package **1.** name: Name of Item **2.** price: Price for Item (Required in case of Item level Pricing) **3.** currency: currency for item price. (Required in case of Item level Pricing) **4.** choiceList: Choice for an item. Min one choice is required for an item. • Id: Id for class (can have lookup with part_no and deliveryType) or course (can have lookup with displayname and version) • type: accepts 1 - course or 2 - class **Note:** type is required for	[{"name":"item01", "description":"item description","traininig_units":10, "price":100.00,"choiceList":[{"id":"cours000000000200060", "displayName":"course", "type":1}]}]	string	Yes

Name	Description	Default Value	Data Type	Required?
	lookup of itemChoice (course, class)			
owners	List of Owners Supports lookup.	[{"id":"emplo000000000001001", "display~Name":"UTWO"}]	string	No
customValues	Custom Values	{"custom0":"001"}	string	No
audienceType	Audience Type Supports lookup.	[{"id":"audie000000000001121", "display~Name":"aud_1"}]	string	No
pack~ageKeywords	Package Keywords	[{ "displayName": "Java", "action":"delete" }]	string	No
dropPolicyInfo	Drop Policy. All val~ues are required i.e. charge, chargeType, currency.	{"charge":20.00, "chargeType":1, "cur~rency":{"id":"crncy000000000000001", "displayName":"USD"}}	string	No
category	Category Supports lookup.	[{"displayName":"test_category"}]	string	No

Request Body

```
{
   "name":"packageTestA06",
   "package_no":"T000A6",
   "securityDomain”: {
      "id":"domin000000000000001",
      "displayName":"world"
   },
   "description":"description text",
   "administrator_id": {
      "id":"emplo000000000200003",
      "displayName":"Dummy1"
   },
   "currency": {
      "id":"crncy000000000000001",
      "displayName":"USD"
   },
   "available_from":"2013-08-12T00:00:00",
   "discontinued_from":"2018-11-12T00:00:00",
   "featured":true,
   "displayfor_callcenter": true,
   "displayfor_web":true,
   "pricingType":100,
   "multicurrency_pref":1,
   "price":"10.00",
```

```
    "training_units":"12",
    "items": [
       {
          "name":"item01",
          "description":"item description",
          "traininig_units":10,
          "price":"100.00",
          "choiceList": [
             {
                "id":"cours000000000200060",
                "displayName":"course",
  "version":"1",
                "type":1
             },
{
    "id":"cours000000000200060",
   "part_no":"cwbt_class",
   "deliveryType":"Web-Based",
     "type":2
 }
          ]
       }
    ],
    "owners": [
       {
          "id":"emplo000000000001001",
          "displayName":"UTWO"
       }
    ],
    "customValues": {
       "custom1":"cus1",
       "custom2":"2",
       "custom3": null,
       "custom4": null,
       "custom5": null,
       "custom6": null,
       "custom7": null,
       "custom8": null,
       "custom9": null,
       "custom0":"default"
    },
    "audienceType": [
       {
          "id":"audie000000000001121",
          "displayName":"aud_1"
       },
       {
          "displayName":"aud_11"
       }
    ],
    "packageKeywords": [
       { "displayName": "Java", "action":"delete" }
    ],
    "dropPolicyInfo": {
       "charge":"20.00",
       "chargeType":1,
       "currency": {
          "id":"crncy000000000000001",
          "displayName":""
       }
    },
    "category":[
```

```
        {
            "displayName":"test_category"
        }
    ]
}
```

Return Values

```
{
    "id": "pckge000000000002045",
    "displayName": "packageTestA07",
    "href": "https://<hostname>/v1/package/pckge000000000002045"
}
```

UPDATE THE DETAILS OF A PACKAGE

Overview

Update a Package

Requires OAuth

No

Method

PUT

URL

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

URL (User-friendly)

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

https://*<hostname-api.sabacloud.com>*/v1/package/*packageNo=<packageNo>*

Calling Options

Table 25: Calling Options

Name	Description	Default Value	Data Type	Required?
packageid	Package's ID	pckge000000000001818	string	Yes
name	Package name	package01	string	No
package_no	Package Number	001	string	No
securityDomain	Domain Supports lookup.	{"id":"dom~in000000000000001", "display~Name":"world"}	string	No
description	Package description	this is a new package	string	No

Name	Description	Default Value	Data Type	Required?
administrator_id	Package Adminstrator Supports lookup.	{"id":"em~ plo000000000200003", "display~ Name":"Dummy1"}	string	No
currency	Package Currency Supports lookup.	{"id":"crncy000000000000001", "display~ Name":"USD"}	string	No
available_from	Package stat date	2018-08-12T00:00:00	string	No
discontinued_from	Package end date	2019-10-12T00:00:00	string	No
featured	defines whether package is feature package or not	true	string	No
displayfor_callcenter	Display for Call Center	true	string	No
displayfor_web	Display for Web	true	string	No
pricingType	Package Pricing Type. Pri~ cing Type for Package: Package level / Item level value 100 is for Package level pricing value 200 is for item level pricing	100	string	No
multicurrency_pref	Multicurrency Preference. Default value is 1. i.e. only in selected currency: • 1 means selected cur~ rency • 2 means selected cur~ rency and default cur~ rency • 3 means all currency update supports values 1 and 3 only.	1	string	No
price	Package Price	100.00	string	No
items	Package Items. Min one item is required for package **1.** name: Name of Item	[{"name":"item01", "description":"item description", "train~ inig_units":10,"price":100.00, "choiceL~ ist":[{"id":"cours000000000200060",	string	No

Name	Description	Default Value	Data Type	Required?
	2. price: Price for Item (Re~ quired in case of Item level Pricing) **3.** currency: currency for item price. (Required in case of Item level Pri~ cing) **4.** choiceList: Choice for an item. Min one choice is required for an item. • Id: Id for class (can have lookup with part_no and delivery~ Type) or course (can have lookup with displayname and ver~ sion) • type: accepts 1 - course or 2 - class **Note:** type is required for lookup of itemChoice (course, class)	"display~ Name":"course", "type":1}]}]		
owners	List of Owners Supports lookup.	[{"id":"em~ plo000000000001001", "displayName":"UT~ WO"}]	string	No
customValues	Custom Values	001	string	No
audienceType	Audience Type Supports lookup.	[{"id":"audie000000000001121", "display~ Name":"aud_1"}]	string	No
packageKeywords	Package Keywords	[{ "displayName": "Java", "action":"de~ lete" }]	string	No
dropPolicyInfo	Drop Policy. All values are required i.e. charge, char~ geType, currency.	{"charge":20.00,"char~ geType":1, "cur~ rency":{"id":"crncy000000000000001", "display~ Name":"USD"}}	string	No
category	Category Supports lookup.	[{"display~ Name":"test_cat~ egory"}]	string	No

Request Body


```
{
   "name":"packageTestA06",
   "package_no":"T000A6",
   "securityDomain":{
      "id":"domin000000000000001",
      "displayName":"world"
   },
   "description":"description text",
   "administrator_id":{
      "id":"emplo000000000200003",
      "displayName":"Dummy1"
   },
   "available_from":"2013-08-12T00:00:00",
   "discontinued_from":"2018-11-12T00:00:00",
   "featured":true,
   "displayfor_callcenter":true,
   "displayfor_web":true,
   "pricingType":100,
   "multicurrency_pref":1,
   "price":"10.00",
   "training_units":"12",
   "items":[
      {
         "name":"item01",
         "description":"item description",
         "traininig_units":10,
         "price":"100.00",
         "action":"delete",
         "choiceList":[
            {
               "id":"cours000000000200060",
               "displayName":"course",
               "type":1,
"action":"delete",

            }
         ]
      }
   ],
   "owners":[
      {
         "id":"emplo000000000001001",
         "displayName":"UTWO",
         "action":"delete"
      }
   ],
   "customValues":{
      "custom1":"cus1",
      "custom2":"2",
      "custom3":null,
      "custom4":null,
      "custom5":null,
      "custom6":null,
      "custom7":null,
      "custom8":null,
      "custom9":null,
      "custom0":"default"
   },
   "audienceType":[
      {
         "id":"audie000000000001121",
```

```
            "displayName":"aud_1"
         },
         {
            "displayName":"aud_11",
            "action":"delete"
         }
      ],
      "packageKeywords":[
         { "displayName": "Java", "action":"delete" }
      ],
      "dropPolicyInfo":{
         "charge":"20.00",
         "chargeType":1,
          "action":"delete",
         "currency":{
            "id":"crncy000000000000001",
            "displayName":""
         }
      },
      "category":[
         {
            "displayName":"test_category",
             "action":"delete"
         }
      ]
}
```

Return Values

```
status: 204
```

DELETE PACKAGE

Overview

Delete particular package.

Requires OAuth

No

Method

DELETE

URL

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

URL (User-friendly)

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

https://<*hostname-api.sabacloud.com*>/v1/package/*packageNo*=<*packageNo*>

Calling Options

Table 26: Calling Options

Name	Description	Default Value	Data Type	Required?
packageid	Package Id	pckge000000000001818	string	Yes

Use case

This enhancement provides a bulk way to retrieve and manage packages in Saba Cloud.

APIs for Package Order

How did it work?

These are new REST APIs.

How does it work now?

The following REST API is now available for creating package orders.

CREATE A NEW PACKAGE ORDER

Overview

Creates a new Package order.

Requires OAuth

No

Method

POST

URL

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

Calling Options

Table 27: Calling Options

Name	Description	Default Value	Data Type	Required?
currency	Currency	{"id":"crncy000000000000001", "displayName":"US Dollars"}	string	Yes
sabaPackage	Saba Package	{"id":"pckge000000000002362", "displayName":"Core java package I"}	string	Yes

Name	Description	Default Value	Data Type	Required?
taxExempt	Tax Exempt	False	string	No
cartItems	Cart Items	[{"learningItem":{"id":"dowbt000000000009333", "displayName":"English Course Wbt1"}, "deliveryType":{"id":"eqcat000000000000004", "displayName":"Web Based"}, "packageItem":{"id":"pkgit000000000002821", "displayName":"p1"}}]	string	Yes
paymentRequests	Payment Requests	[{"purchaseOrderNumber":"1000", "purchaseOrderId":"porder000000000001000", "paymentType":"PurchaseOrder", "totalAmount":"8.60"}]	string	No

Request Body

```
{
   "currency":{
      "id":"crncy000000000000001",
      "displayName":"US Dollars"
   },
   "sabaPackage":{
      "id":"Mathematics course package",
      "displayName":"00001181"
   },
   "taxExempt":true,
   "cartItems":[
      {
         "learningItem": {
            "id":"dowbt000000000002623",
            "displayName":"English Course Wbt1"
         },
         "deliveryType": {
            "id":"",
            "displayName":""
         },
         "packageItem":{
          "id":"",
          "displayName":"p1"
         }
      }
 ],
         "custom0":"",
         "custom1":"",
         "custom2":"",
         "custom3":"",
         "custom4":"",
         "custom5":"",
         "custom6":"",
```

```
         "custom7":"",
         "custom8":"",
         "custom9":""
   },
   "paymentRequests":[
      {
         "purchaseOrderNumber":"1000",
         "purchaseOrderId":"",
         "trainingUnitAgreementNumber":"00001145",
         "trainingUnitAgreementId":"",
         "paymentType":"PurchaseOrder",
         "description":"",
         "trainingUnits":"6",
         "totalAmount":"8.60",
         "payBySubscription":""
      }
   ]
}
```

Return Values

```
{
    "orderId": "intor000000000205270",
    "errors": [],
    "warnings": [
        {
            "errType": 1,
            "learnerId": "persn000000000200347",
            "offeringId": "dowbt000000000002623",
            "offeringName": "advance database 1",
            "packageId": null,
            "groupId": "grpor000000000001209",
            "groupOwnerId": "pckge000000000001502",
            "errWarnObj": {
                "id": "140507",
               "displayName": " You are registering for a class that requires
 approval. Your request for approval will be sent upon completion of the order."

            },
            "prereqHolders": [],
            "equivalentHolder": {},
            "conflictsHolder": []
        }
    ],
    "orderDetail": {
        "totalPrice": {
            "amount": 107.5,
            "currency": {
                "id": "crncy000000000000001",
                "displayName": "US Dollars"
            },
            "amountString": "107,50 USD",
            "isocode": "USD"
        },
        "trainingUnits": null,
        "onlyTuPayableOrder": false,
        "currency": {
            "id": "crncy000000000000001",
            "displayName": "US Dollars"
        },
        "orderStatus": "Confirmed",
```

```
        "orderStatusObj": {
            "description": "Confirmed",
            "orderStatus": 100,
            "name": "Confirmed",
            "key": "100"
        },
        "orderNumber": "00204915",
        "orderContact": "client1 sindhav1",
        "orderContactRef": null,
        "orderDate": 1551770219000,
        "promotionCode": null,
        "totalDropCharges": null,
        "totalDropChargeInTU": null,
        "payments": [
            {
                "id": "mopay000000000002785",
                "owner": {
                    "id": "intor000000000205270",
                    "displayName": null
                },
                "amount": {
                    "amount": 97.5,
                    "currency": {
                        "id": "crncy000000000000001",
                        "displayName": "US Dollars"
                    },
                    "amountString": "97,50 USD",
                    "isocode": "USD"
                },
                "gatewayResult": null,
                "gatewayTransactionId": null,
                "gatewayReferenceNo": null,
                "paymentStatus": {
                    "name": "PaymentCompleted",
                    "paymentStatus": 1,
                    "displayName": "Payment completed"
                },
                "paymentType": {
                    "name": "PurchaseOrder",
                    "paymentType": 2,
                    "displayName": "Purchase Order"
                },
                "trainingUnits": null,
                "trainingUnitAgreement": null,
                "purchaseOrder": {
                    "id": "pordr000000000200000",
                    "displayName": "1000"
                },
                "subscriptionNo": null,
                "subscriptionId": null,
                "learningSubscriptionId": null,
                "invoiceNo": null,
                "invoiceDetail": null,
                "address": {
                    "updateMetadata": null,
                    "displayName": null,
                    "state": "",
                    "country": "",
                    "owner": null,
                    "addr3": "",
                    "tag": 0,
                    "addr1": "",
```

```
                    "addr2": "",
                    "city": "",
                    "componentName": "Address",
                    "email": null,
                    "zip": "",
                    "addressString": "Addr1=, Addr2= Addr3=, City=, State=,
Zip=, Country=",
                    "incomplete": true,
                    "id": null,
                    "locale": null,
                    "primaryKey": null,
                    "auditReason": "audit with reason"
                }
            }
        ],
        "canPayByTrainingUnits": false,
        "canPayByPurchaseOrder": true,
        "canPayBySubscriptionOrder": false,
        "totalRefundInTU": null,
        "finalAmountToRefund": null,
        "finalAmountToRefundInTU": null,
        "totalRefundedPayment": null,
        "totalRefundedPaymentInTU": null,
        "allRefundableItemsSubTotalInTU": null,
        "customValues": [
            {
                "name": "custom0",
                "datatype": {
                    "value": 18
                },
                "value": null,
                "displayName": "custom0"
            },
            {
                "name": "custom1",
                "datatype": {
                    "value": 18
                },
                "value": null,
                "displayName": "custom1"
            },
            {
                "name": "custom2",
                "datatype": {
                    "value": 18
                },
                "value": null,
                "displayName": "custom2"
            },
            {
                "name": "custom3",
                "datatype": {
                    "value": 18
                },
                "value": null,
                "displayName": "custom3"
            },
            {
                "name": "custom4",
                "datatype": {
                    "value": 18
                },
```

```
                "value": null,
                "displayName": "custom4"
            },
            {
                "name": "custom5",
                "datatype": {
                    "value": 18
                },
                "value": null,
                "displayName": "custom5"
            },
            {
                "name": "custom6",
                "datatype": {
                    "value": 18
                },
                "value": null,
                "displayName": "custom6"
            },
            {
                "name": "custom7",
                "datatype": {
                    "value": 18
                },
                "value": null,
                "displayName": "custom7"
            },
            {
                "name": "custom8",
                "datatype": {
                    "value": 18
                },
                "value": null,
                "displayName": "custom8"
            },
            {
                "name": "custom9",
                "datatype": {
                    "value": 18
                },
                "value": null,
                "displayName": "custom9"
            },
            {
                "name": "custom10",
                "datatype": {
                    "value": 18
                },
                "value": null,
                "displayName": "custom10"
            },
            {
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                "datatype": {
                    "value": 18
                },
                "value": null,
                "displayName": "custom11"
            },
            {
                "name": "custom12",
                "datatype": {
```

```
                "value": 18
            },
            "value": null,
            "displayName": "custom12"
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        {
            "name": "custom13",
            "datatype": {
                "value": 18
            },
            "value": null,
            "displayName": "custom13"
        },
        {
            "name": "custom14",
            "datatype": {
                "value": 18
            },
            "value": null,
            "displayName": "custom14"
        }
    ],
    "marketingCampaign": null,
    "totalDropChargesBeforeTax": null,
    "totalTaxOnDropCharges": null,
    "regCpfDetail": null,
    "taxStatusInfo": {
        "code": "200",
        "detailCode": null,
        "displayName": "Taxable"
    },
    "vatNo": null,
    "address": {
        "updateMetadata": null,
        "displayName": null,
        "state": "dsdsa",
        "country": "Belarus",
        "owner": null,
        "addr3": "ccc",
        "tag": 0,
        "addr1": "aaa",
        "addr2": "bbb",
        "city": "ddd",
        "componentName": "Address",
        "email": null,
        "zip": "112233",
        "addressString": "Addr1=aaa, Addr2=bbb Addr3=ccc, City=ddd,
State=dsdsa, Zip=112233, Country=Belarus",
        "incomplete": false,
        "id": null,
        "locale": null,
        "primaryKey": null,
        "auditReason": "audit with reason"
    },
    "billingAddress": {
        "updateMetadata": null,
        "displayName": null,
        "state": "co1bstate",
        "country": "India",
        "owner": null,
        "addr3": "",
        "tag": 0,
```

```
            "addr1": "co1baddress1",
            "addr2": "",
            "city": "co1bcity",
            "componentName": "Address",
            "email": null,
            "zip": "co1bzip",
          "addressString": "Addr1=co1baddress1, Addr2= Addr3=, City=co1bcity,
 State=co1bstate, Zip=co1bzip, Country=India",
            "incomplete": false,
            "id": null,
            "locale": null,
            "primaryKey": null,
            "auditReason": "audit with reason"
        },
        "couponDiscount": null,
        "hasCcPoSplitPayment": false,
        "baseCustomer": {
            "id": "persn000000000200347",
            "displayName": "client1 sindhav1"
        },
        "orderItems": [
            {
                "partDetail": {
                    "min_ct": 0,
                    "max_ct": 0,
                    "max_book": 0,
                    "csr_id": null,
                    "open_enroll": null,
                    "open_enroll_for_all": null,
                    "enroll_close": null,
                    "stop_auto_promotion": null,
                    "skip_days_map": null,
                    "vleInfo": null,
                    "disp_for_web": true,
                    "disp_for_call_center": true,
                    "enforced_seq": null,
                    "offeringPrices": null,
                    "startDateInUserTimezone": null,
                    "endDateinUserTimezone": null,
                    "startDateI18n": null,
                    "endDateI18n": null,
                    "learningAssignments": null,
                    "offering_temp_no": null,
                    "offeringlocked": false,
                    "publishStartDate": null,
                    "publishEndDate": null,
                    "publishStatus": null,
                    "publishStatusMessage": null,
                    "locationDetail": null,
                    "audienceTypes": null,
                    "availabilityDetails": {
                        "offeringPrice": {
                            "amount": 100,
                            "currency": {
                                "id": "crncy000000000000001",
                                "displayName": "US Dollars"
                            },
                            "amountString": "100 USD",
                            "isocode": "USD"
                        },
                        "availableSeats": -1,
                        "offeringPriceDisplay": "100 USD"
```

```
                    },
                    "creditsCollection": null,
                    "actions": null,
                    "has_community": false,
                    "group_id": null,
                    "consumeWithinCert": false,
                    "creditString": null,
                    "customValues": [
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                            "datatype": {
                                "value": 18
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                            "value": null,
                            "displayName": "Custom0"
                        },
                        {
                            "name": "custom1",
                            "datatype": {
                                "value": 18
                            },
                            "value": null,
                            "displayName": "Custom1"
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                        {
                            "name": "custom2",
                            "datatype": {
                                "value": 18
                            },
                            "value": null,
                            "displayName": "Custom2"
                        },
                        {
                            "name": "custom3",
                            "datatype": {
                                "value": 18
                            },
                            "value": null,
                            "displayName": "Custom3"
                        },
                        {
                            "name": "custom4",
                            "datatype": {
                                "value": 18
                            },
                            "value": null,
                            "displayName": "Custom4"
                        },
                        {
                            "name": "custom5",
                            "datatype": {
                                "value": 18
                            },
                            "value": null,
                            "displayName": "Custom5"
                        },
                        {
                            "name": "custom6",
                            "datatype": {
                                "value": 18
                            },
                            "value": null,
```

```
                        "displayName": "Custom6"
                    },
                    {
                        "name": "custom7",
                        "datatype": {
                            "value": 18
                        },
                        "value": null,
                        "displayName": "Custom7"
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                    {
                        "name": "custom8",
                        "datatype": {
                            "value": 18
                        },
                        "value": null,
                        "displayName": "Custom8"
                    },
                    {
                        "name": "custom9",
                        "datatype": {
                            "value": 18
                        },
                        "value": null,
                        "displayName": "Custom9"
                    },
                    {
                        "name": "ExCustom1",
                        "datatype": {
                            "value": 18
                        },
                        "value": null,
                        "displayName":
"kI18nALWBTOffering_2e28a035-f237-4853-99e0-c2b0ff7c0cd3_domin000000000000001(Missing
 resource)"
                    }
                ],
                "owners": null,
                "trainingUnits": null,
                "status": null,
                "calendarExportURL": null,
                "microLearning": false,
                "do_not_drop_post": null,
                "post_order": null,
                "post_completion": null,
                "cpfMins": 0,
                "waitListedCount": 0,
                "registeredCount": 0,
                "groupAssociatedWithCourse": null,
                "statusNumValue": null,
                "inheritedTrainingUnits": "No Training Units defined on
Course or Delivery Mode",
                "suppressScoreForOT": false,
                "customFieldsSetOnCourse": false,
                "courseDescription": "",
                "classDescription": "advance database 1 wbt1",
                "courseCustomValues": [
                    {
                        "name": "custom0",
                        "datatype": {
                            "value": 18
                        },
```

```
                "value": null,
                "displayName": "Custom0"
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                "displayName": "Custom1"
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                "name": "custom2",
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                    "value": 18
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            {
                "name": "custom3",
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                    "value": 18
                },
                "value": null,
                "displayName": "Custom3"
            },
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                "datatype": {
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                    "value": 18
                },
                "value": null,
                "displayName": "Custom7"
            },
            {
                "name": "custom8",
                "datatype": {
```

```
                            "value": 18
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                        "displayName": "Custom8"
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                    {
                        "name": "custom9",
                        "datatype": {
                            "value": 18
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                            "value": 18
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                    {
                        "name": "custom13",
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                            "value": 18
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                        "value": null,
                        "displayName": "Custom14"
                    },
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                        "name": "excustom1",
                        "datatype": {
                            "value": 18
                        },
                        "value": null,
                        "displayName":
"kI18nALOfferingTemplate_69a72eeb-2dfb-40bb-b9b0-72207136aaac_domin000000000000001(Missing
 resource)"
```

```
                        },
                        {
                            "name": "excustom2",
                            "datatype": {
                                "value": 10
                            },
                            "value": null,
                            "displayName":
"kI18nALOfferingTemplate_1c6203a0-273e-42bd-bebc-f49048f5c76e_domin000000000000001(Missing
 resource)"
                        }
                    ],
                    "name": "advance database 1",
                    "language": {
                        "id": "lange000000000000001",
                        "displayName": "English"
                    },
                    "location": null,
                    "resources": [],
                    "id": "dowbt000000000002623",
                    "description": "advance database 1 wbt1",
                    "class_no": "ADVANCE DATABASE 1 WBT1",
                    "cpf": false,
                    "customFields": [
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                            "datatype": {
                                "value": 18
                            },
                            "value": null,
                            "displayName": "Custom0"
                        },
                        {
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                            "datatype": {
                                "value": 18
                            },
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                            "displayName": "Custom1"
                        },
                        {
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                            "datatype": {
                                "value": 18
                            },
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                        },
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                            "name": "custom3",
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                        },
                        {
                            "name": "custom4",
                            "datatype": {
                                "value": 18
                            },
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```

```
                        "displayName": "Custom4"
                    },
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                            "value": 18
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                        "displayName": "Custom5"
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                            "value": 18
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                            "value": 18
                        },
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                            "value": 18
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                        "value": null,
                        "displayName": "Custom9"
                    },
                    {
                        "name": "ExCustom1",
                        "datatype": {
                            "value": 18
                        },
                        "value": null,
                        "displayName":
"kI18nALWBTOffering_2e28a035-f237-4853-99e0-c2b0ff7c0cd3_domin000000000000001(Missing
 resource)"
                    }
                ],
                "duration": 600,
                "componentName": "ComponentName",
                "language_id": {
                    "id": "lange000000000000001",
                    "displayName": "English"
                },
                "avail_from": 1540751400000,
                "wbt_no": "ADVANCE DATABASE 1 WBT1",
                "abstract": "advance database 1",
```

```
                    "startDate": null,
                    "offeringNumber": "ADVANCE DATABASE 1 WBT1",
                    "vendor_id": null,
                    "location_id": null,
                    "start_date": null,
                    "delivery_id": {
                        "id": "eqcat000000000000005",
                        "displayName": "Web-Based"
                    },
                    "disc_from": null,
                    "facility_id": null,
                    "offering_temp_id": {
                        "id": "cours000000000202686",
                        "displayName": "advance database 1"
                    },
                    "session_template": null,
                    "manufacturer_id": null,
                    "customFieldsValue": [
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                            "name": "custom5",
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```

```
                        },
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                        "displayName": "Custom5"
                    },
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                        "name": "custom6",
                        "datatype": {
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                        "displayName": "Custom6"
                    },
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                        "datatype": {
                            "value": 18
                        },
                        "value": null,
                        "displayName": "Custom7"
                    },
                    {
                        "name": "custom8",
                        "datatype": {
                            "value": 18
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                        "value": null,
                        "displayName": "Custom8"
                    },
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                        "name": "custom9",
                        "datatype": {
                            "value": 18
                        },
                        "value": null,
                        "displayName": "Custom9"
                    },
                    {
                        "name": "ExCustom1",
                        "datatype": {
                            "value": 18
                        },
                        "value": null,
                        "displayName":
"kI18nALWBTOffering_2e28a035-f237-4853-99e0-c2b0ff7c0cd3_domin000000000000001(Missing
 resource)"
                    }
                ],
                "priceDisplayString": "100 USD",
                "dropPolicyInfo": {
                    "notifyDropCondition": "",
                 "trainingUnitDropPolicyInfo": "No cancellation charge.",

                    "allEffectivePolicies": [
                        {
                            "displayString": "Cancellation charge of 10.0
 % for all other days.",
                            "timeEntryId": "",
                            "currency": {
                                "id": "crncy000000000000001",
                                "displayName": "US Dollars"
                            },
                            "charge": 10,
```

```
                        "chargeType": 1,
                        "daysTo": 99999,
                        "daysFrom": -99999
                    }
                ],
                "lastDateToDropWithoutCharge": null
            },
            "availableSeats": -1,
            "durationString": "10:00",
            "deliveryType": {
                "id": "eqcat000000000000005",
                "displayName": "Web-Based"
            },
            "securityDomain": {
                "id": "domin000000000000001",
                "displayName": "world"
            },
            "facility": null,
            "price": {
                "amount": 100,
                "currency": {
                    "id": "crncy000000000000001",
                    "displayName": "US Dollars"
                },
                "amountString": "100 USD",
                "isocode": "USD"
            },
            "endDate": null,
            "sessionTemplate": null,
            "ownersValue": null,
            "offeringTemplate": {
                "id": "cours000000000202686",
                "displayName": "advance database 1"
            },
            "baseDeliveryType": 200,
            "courseVersion": null,
}
```


Use case

This enhancement provides a bulk way to create package orders in Saba Cloud.

API for Canceling an Order

How did it work?

These are new REST APIs.

How does it work now?

The following REST API is now available for canceling package orders.

CANCEL AN ORDER

Overview

Cancels an order.

Requires OAuth

No

Method

PUT

URL

https://<*hostname-api.sabacloud.com*>/v1/learning/order/cancel

Calling Options

Table 28: Calling Options

Name	Description	Default Value	Data Type	Required?
id	Order's ID	in~ tor000000000200174	string	No
order_number	Order number	00204724	string	No
cancelWithCharge	Cancel order with charge	false	string	No
reason	Order cancel reason	Test reason	string	No

Request Body

```
{
   "order_number":"00204724",
   "order_id":"intor000000000200174",
   "cancelWithCharge":true,
   "reason":"Test reason"
}
```

Return Values

```
Status: 204 No Content
```

Use case

This enhancement provides a bulk way to cancel orders in Saba Cloud.

API for Pulse

How did it work?

This is a new REST API.

How does it work now?

The following REST API is now available for retrieving survey along with the question details.

GET ACTIVE SURVEY INFO

Overview

Returns survey along with question details.

Requires OAuth

No

Method

GET

URL

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

Return Values


```
{
 "questionsConfig": {
  "sections": {
   "PERN": {
    "HPY": [{
     "emojiQuestionId": "pfqem000000000001100",
     "surveyQuestionId": "exqst000000000001680",
     "optionalQuestion": false
    }],
    "SAD": [{
     "emojiQuestionId": "pfqem000000000001102",
     "surveyQuestionId": "exqst000000000001680",
     "optionalQuestion": false
    }],
    "NEU": [{
     "emojiQuestionId": "pfqem000000000001101",
     "surveyQuestionId": "exqst000000000001680",
     "optionalQuestion": false
    }]
   },
   "MGMT": {
    "HPY": [{
     "emojiQuestionId": "pfqem000000000001103",
     "surveyQuestionId": "exqst000000000001683",
     "optionalQuestion": false
    }],
    "SAD": [{
     "emojiQuestionId": "pfqem000000000001105",
     "surveyQuestionId": "exqst000000000001683",
     "optionalQuestion": false
    }],
    "NEU": [{
     "emojiQuestionId": "pfqem000000000001104",
     "surveyQuestionId": "exqst000000000001683",
     "optionalQuestion": false
    }]
   },
   "CMPY": {
    "HPY": [{
     "emojiQuestionId": "pfqem000000000001106",
     "surveyQuestionId": "exqst000000000001682",
```

```
     "optionalQuestion": false
    }],
    "SAD": [{
     "emojiQuestionId": "pfqem000000000001108",
     "surveyQuestionId": "exqst000000000001682",
     "optionalQuestion": false
    }],
    "NEU": [{
     "emojiQuestionId": "pfqem000000000001107",
     "surveyQuestionId": "exqst000000000001682",
     "optionalQuestion": false
    }]
   }
  },
  "questions": [{
   "surveyQuestionId": "exqst000000000001680",
   "questionId": "quest000000000001700",
   "questionType": "YES_NO",
   "questionText": "Et es Si/Na question?",
   "choices": [{
    "choiceId": "choic000000000001720",
    "name": "Si",
    "ordinal": 1
   }, {
    "choiceId": "choic000000000001721",
    "name": "Na",
    "ordinal": 2
   }],
   "noOfWordResponses": 1
  }, {
   "surveyQuestionId": "exqst000000000001683",
   "questionId": "quest000000000001703",
   "questionType": "WORD_RESPONSE",
   "questionText": "Test Spanish Word Response Question",
   "choices": [],
   "noOfWordResponses": 1
  }, {
   "surveyQuestionId": "exqst000000000001682",
   "questionId": "quest000000000001702",
   "questionType": "WORD_RESPONSE",
   "questionText": "What is your Spanish word response?",
   "choices": [],
   "noOfWordResponses": 2
  }]
 },
 "configId": "pucfg000000000001060",
 "canUserProvideFeedback": false,
 "remainingDaysForFeedBack": 0,
 "remainingSecondsForFeedBack": 0,
 "canViewedByCurrentLearner": false
}
```


The following REST APIs are now deprecated and will be discontinued in the next few updates:

- GET ACTIVE SURVEY DETAIL
- GET ACTIVE SURVEY QUESTION DETAILS

Use case

N/A

APIs for uploading images for learning objects

How did it work?

It was not possible to upload images to the various learning objects that supported images using REST APIs.

How does it work now?

The following REST APIs now allow uploading images to the various learning objects that support images.

UPLOAD IMAGE OF AN OBJECT (LEARNING OBJECTS)

Overview

Allows uploading the image for one of the following learning objects using multipart/form-data as the content-type:

- Course
- Certification / Curriculum
- Package
- Subscriptions
- Category

Requires OAuth

No

Method

PUT

URL

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

Content-type

Multipart/form-data

Note: The image's format and size restrictions are the same as the ones on the UI. This API does not support removing an image of an object, as the same is not supported on the UI.

Calling Options

Table 29: Calling Options

Name	Description	Default / Sample Value	Data Type	Required?
file	key / value	If not provided, then default is **file**. The file name will be provided	file	Yes

Name	Description	Default / Sample Value	Data Type	Required?
		in **detail** input's optional attribute **fileAttributeName**.		

detail	Contains the object identification detail in JSON format to which image is to be uploaded.
	
	Note: fileAttributeName is optional
		Object Type: Subscription
		
		Note:
		Subscription number is optional, it is provided if object ID is unknown.
		
		`{`
		` "fileAttributeName":"image",`
		` "objectType":"subscription",`
		` "objectId":"sbscr000000000002683",`
		
		` "subscription_number":"1234543"`
		`}`
		
		Object Type: Package
		
		Note: package_number is optional, it is provided if object ID is unknown.
		
		`{`
		`"fileAttributeName":"image",`
		`"objectType":"package",`
		`"objectId":"pckge000000000001162",`
		`"package_number":"Learning Package"`
		`}`
		
		Object Type: Course
			JSON	Yes

<table>
<tr><th>Name</th><th>Description</th><th>Default / Sample Value</th><th>Data Type</th><th>Required?</th></tr>
<tr><td></td><td></td><td>
Note:
course_no and version are optional, they are provided if object ID is unknown.
<pre>{
 "fileAttributeName":"image",
 "objectType":"course",
 "objectId":"cours000000000202948",
 "course_no":"123456",
 "version":"v1"
}</pre>
Object Type: Certification
Note: certification_name and version are optional, they are provided if object ID is unknown.
<pre>{
 "fileAttributeName":"image",
 "objectType":"certification",
 "objectId":"crtfy000000000205600",
 "certification_name":"java certification",
 "version":"Core Java"
}</pre>
</td><td></td><td></td></tr>
</table>

Name	Description	Default / Sample Value	Data Type	Required?

		Object Type: Curriculum
		Note: curriculum_name is optional, it is provided if object ID is unknown.
		`{ "fileAttributeName":"image", "objectType":"curriculum", "objectId": "curra000000000001940", "curriculum_name":"Aptitude curricula" }`
		Object Type: Category
		Note: name is optional, it is provided if object ID is unknown.
		`{ "fileAttributeName":"image", "objectType":"category", "objectId": "categ000000000001140", "name":"category1\\category1_child1" }`		

GET IMAGE URL OF AN OBJECT (LEARNING OBJECTS)

Overview

Allows retrieving the image URL for one of the following learning objects:

- Course
- Certification / Curriculum
- Category
- Package
- Subscriptions

Requires OAuth

No

Method

GET

URL

https://<*hostname-api.sabacloud.com*>/v1/imageupload/:objectType/:objectId?version=:version

URL (User-friendly)

You can use a user-friendly URL which accepts **object number** instead of the internal Object's ID.

https://<*hostname-api.sabacloud.com*>/v1/imageupload/course/course_no=<course_number>?version=<version>

https://<*hostname-api.sabacloud.com*>/v1/imageupload/subscription/subscription_number=<subscription_number>

Calling Options

Table 30: Calling Options

Name	Description	Default / Sample Value	Data Type	Required?
objectType	Object Type	course	string	Yes
objectId	Object ID	cours000000000200187	string	Yes
version	Version		string	No

Return Values

```
{
    "id": "pckge000000000001089",
    "displayName":
"http://<hostname>/production/sabapackage/notdc000000000203739_sabapackage.JPEG"
}
```

Use case

This enhancement provides a bulk way to upload images for learning objects in Saba Cloud.

Updated REST APIs

People APIs

How did it work?

Some People REST APIs did not have the support for user-friendly URLs.

How does it work now?

The following REST APIs are now updated to support user-friendly URLs and new search criteria.

Table 31: User-friendly URLs

REST API	Method	URLs with lookup
ADD SECURITY ROLES OF A PERSON	POST	https://<hostname-api.sabacloud.com>/v1/people/username=:username/securityRole
ASSIGN AUDIENCE TYPE / SUB AUDIENCE TYPE TO A PERSON	POST	https://<hostname-api.sabacloud.com>/v1/people/username=:username/audiencetype
ADD CURRENCY TO PERSON	POST	https://<hostname-api.sabacloud.com>/v1/people/username=:username/currencyList
DELETE A SECURITY ROLE FROM A PERSON	DELETE	https://<hostname-api.sabacloud.com>/v1/people/username=:username/securityRole/:secroleid
DELETE A REQUIRED JOB ROLE FROM A PERSON	DELETE	https://<hostname-api.sabacloud.com>/v1/people/username=:username/requiredjobrole/:jobid
DELETE AN OPTIONAL JOB ROLE FROM A PERSON	DELETE	https://<hostname-api.sabacloud.com>/v1/people/username=:username/optionaljobrole/:jobid
DELETE AN AUDIENCE TYPE / AUDIENCE SUB TYPES ASSIGNED TO A PERSON	DELETE	https://<hostname-api.sabacloud.com>/v1/people/username=:username/audiencetype/{audId}

In addition to this, the **FIND PROFILE INFORMATION** and **SEARCH PROFILE INFORMATION** REST APIs now have the following additional search criteria (along with sample values):

- manager_id (emplo000000000001000)
- manager_username (csindhav2)
- timezone_id (tzone000000000000005)

- jobtype_id (jobtp000000000001000)
- jobtype_name (Engineer 2)
- location_id (locat000000000001000)
- location_name (Pune)
- location_number (123)
- home_domain_id (domin000000000001000)
- home_domain_name (World)
- security_domain_id (domin000000000001000)
- security_domain_name (World)
- created_by (uone)
- updated_by (uone)

Note: Text in the () indicate sample values.

Use case

This enhancement makes it much more convenient to use Saba APIs and reduces the number of API calls a user has to make by eliminating the need to convert to ID.

Additional fields for Certification and Curriculum APIs

How did it work?

The following REST APIs didn't support adding information for enforce_target_date, enforce_module_seq, reAssignedTargetDays and grace_period fields:

- CREATE A NEW CERTIFICATION
- UPDATE DETAILS OF A CERTIFICATION
- CREATE A NEW CURRICULUM
- UPDATE DETAILS OF A CURRICULUM

How does it work now?

These REST APIs are now updated to support these fields:

CREATE A NEW CERTIFICATION

Table 32: Calling Options

Name	Description	Sample Value	Data Type	Required?
enforce_module_seq	Enforce Module Sequencing	false	string	No
enforce_target_date	Enforce Target Date	false	string	No
grace_period	Grace Period window	90	string	No
reAssignedTargetDays	Reassignment Target Days	90	string	No

UPDATE DETAILS OF A CERTIFICATION

Table 33: Calling Options

Name	Description	Sample Value	Data Type	Required?
enforce_module_seq	Enforce Module Sequencing	false	string	No
enforce_target_date	Enforce Target Date	false	string	No
grace_period	Grace Period window	90	string	No
reAssignedTargetDays	Reassignment Target Days	90	string	No

CREATE A NEW CURRICULUM

Table 34: Calling Options

Name	Description	Sample Value	Data Type	Required?
enforce_module_seq	Enforce Module Sequencing	false	string	No
enforce_target_date	Enforce Target Date	false	string	No

UPDATE DETAILS OF A CURRICULUM

Table 35: Calling Options

Name	Description	Sample Value	Data Type	Required?
enforce_module_seq	Enforce Module Sequencing	false	string	No
enforce_target_date	Enforce Target Date	false	string	No

Use case

This enhancement now makes it possible to pass additional information.

New search criteria for searching enrollments

How did it work?

The following REST APIs didn't allow filtering out transcript data:

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

How does it work now?

These REST APIs now have the following new search criteria:

- status

- action_status

Pass status==100 and action_status==100 as the search filter to make these APIs only return enrollments.

Use case

This enhancement makes these REST APIs more flexible.

Digitally sign emails

How did it work?

It was not possible to send digitally signed emails from Saba Cloud.

How does it work now?

In this update, digitally signed emails can be sent for:

- All the triggered and periodic notification emails.
- Two factor authentication emails.

  Note: For Two factor authentication emails, the email will be signed only if the "From address for Security Code mail" site property (To update the "From address for Security Code mail" site property submit a support request. For assistance, contact Saba support.) under **Two Factor Authentication** matches the "from" address configured at "world" domain.

- SAML expiry notifications.
- Change password notification.
- All emails that are sent out from Saba Analytics

  Note: If an Analytics report is scheduled with **Run as recipient** configuration, then the digital signature configuration of each recipient (on domains for which digital signature is configured) will be considered. For example: If 2 out of 10 recipients have digital signature configured on their domains, then mails coming out of those 2 recipients will be signed.

To send digitally signed emails you need to enable a new service called **Email Digital Signature** which is available under **Admin > System > Configure System > Services > Foundation**.

Note: By default, this service is disabled.

Emails will be signed, even if the signing certificate is expired or revoked.

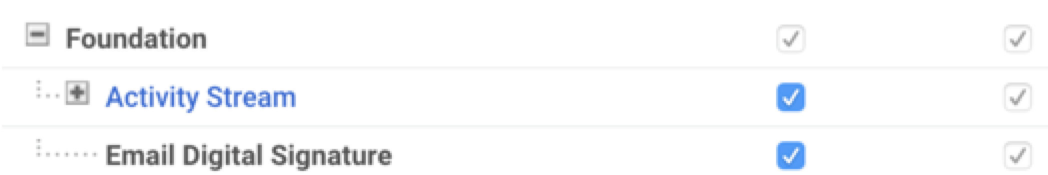


Figure 155: Email Digital Signature service

You can define domain specific digital signature details for this service.

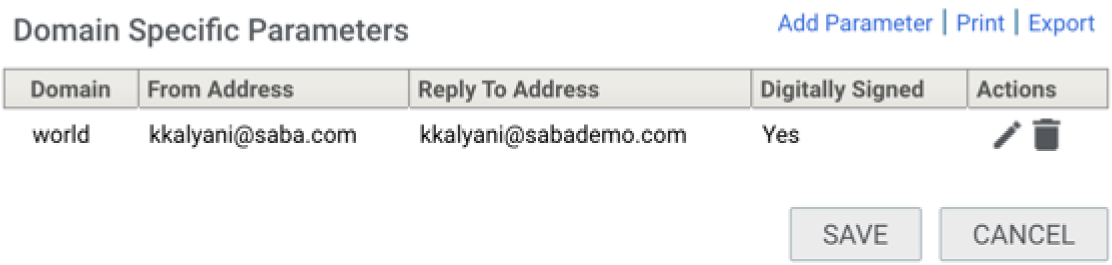


Figure 156: Domain specific details

As a system admin, for every domain, you can specify the following under **Manage Notifications > Config > Domain Specific Parameters**:

- From Address
- Reply To Address
- Digital Signed (whether to enable or disable it for that domain) - When enabled, the email is signed using S/MIME standard. It depends on the email client to verify the email signature. If client does have capability to verify the signature then the an attachment is shown with *.pks / *.pkm which can be ignored.

  Note: Signature for iCal emails are signed, however the web clients such as Outlook do not show that.

- Signing Certificate - The signing certificate should be of **PKCS12** format and should be obtained from a valid certificate authority. The key should be of RSA format and the key size should be greater than 1024 bits. Email Address present in the certificate should match the **From Address** present in the domain param screen.
- Certificate Password - This is the password for the signing certificate. Generally, PKCS12 certificates are protected by passwords. This is optional.
- Signature Algorithm - This is the digest algorithm which can be used to sign the email and the supported digest algorithms are: SHA – 1, SHA – 256, SHA – 384, SHA – 512

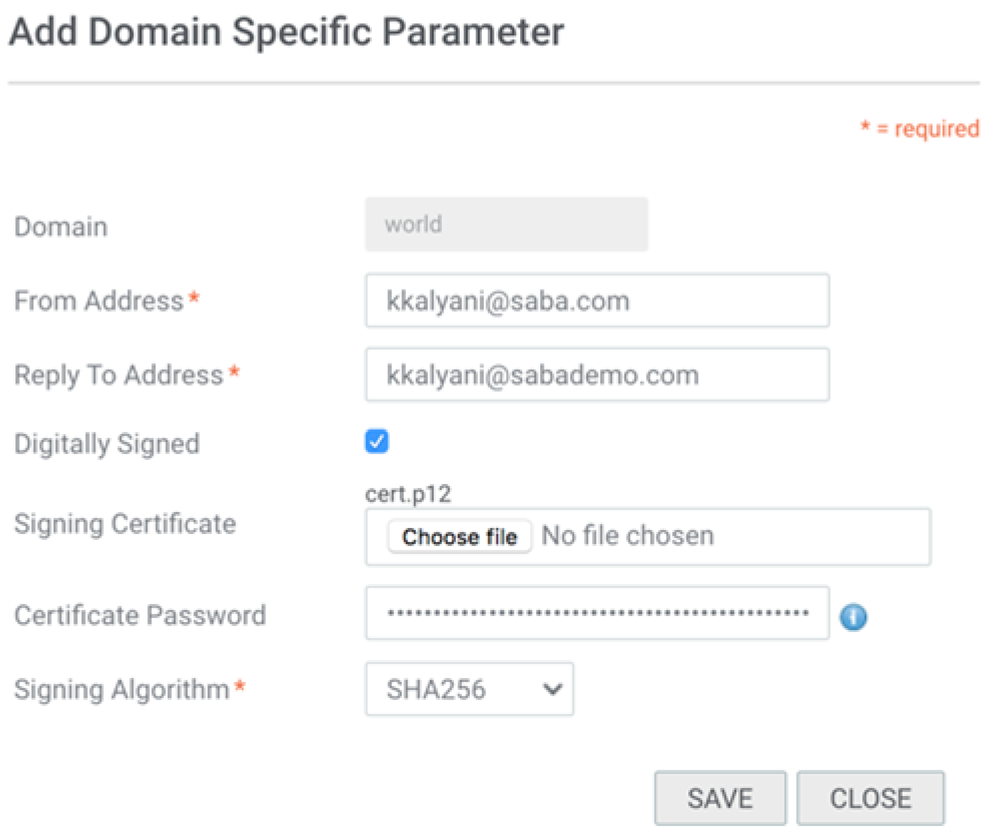


Figure 157: Email Digital Signature domain specific details

Landing page for a Microsite

How did it work?

It was not possible to set a landing page for a Microsite.

How does it work now?

In this update, the system admin can now select one of the following landing pages for a particular Microsite by setting **Admin > System > Configure System > Microsite > <MicroSite> > Default Landing Page**:

- Home
- My Plan
- Browse Catalog
- Default Workspace

Note: If the related service is disabled, users will be redirected to the Home page.

This enhancement is only available, if you are using Saba Cloud's **New User Experience**.

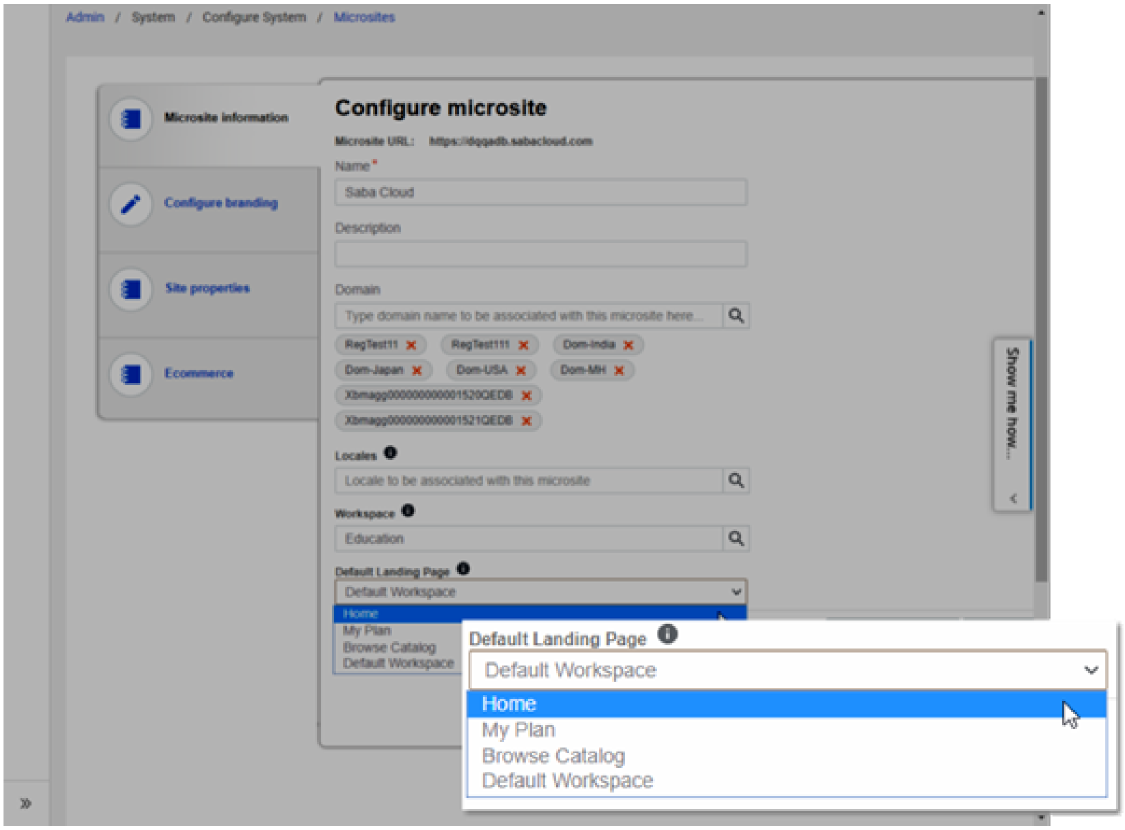


Figure 158: Default Landing Page

Notes:

- For Cert SSO or JWT IdP initiated login, redirectURL (an existing site level property) will take preference over the Default Landing Page.
- Users accessing the page using spfUrl or deeplinks, they will be redirected to their designated page and not Default Landing Page.

Profile MicroApp enhanced for the new user experience

How did it work?

The earlier deeplink URL for the Profile MicroApp used to be of the format:

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

How does it work now?

In this update, the Profile MicroApp has been redesigned and enhanced for the new user experience. The look and feel of the MicroApp settings page has changed. The deeplink URL has changed to this format:

```
https://<hostname>.sabacloud.com/Saba/Web_spf/<SocialURL>/app/me/microapp/<microappkey>
```

Note: You are required to use the new deeplink URL going forward and also update the existing deeplink URLs with the new URL.

By default, the Profile MicroApps will not be displayed while you are viewing other user's profile.

Note: This is applicable on Saba Cloud's old user interface as well.

TIM recommends courses from content vendors

How did it work?

TIM would recommend courses only from the learning catalog.

How does it work now?

TIM can now recommend courses from the following content vendors if they are successfully configured in Saba Marketplace.

- Harvard Manage Mentor
- LinkedIn Learning
- OpenSesame
- Udemy

On the **Recommendations** page and in the **My Recommendations** portlet, the courses also indicate its source.

Note: You must click **ME** > **Recommendations** to access the **Recommendations** page.

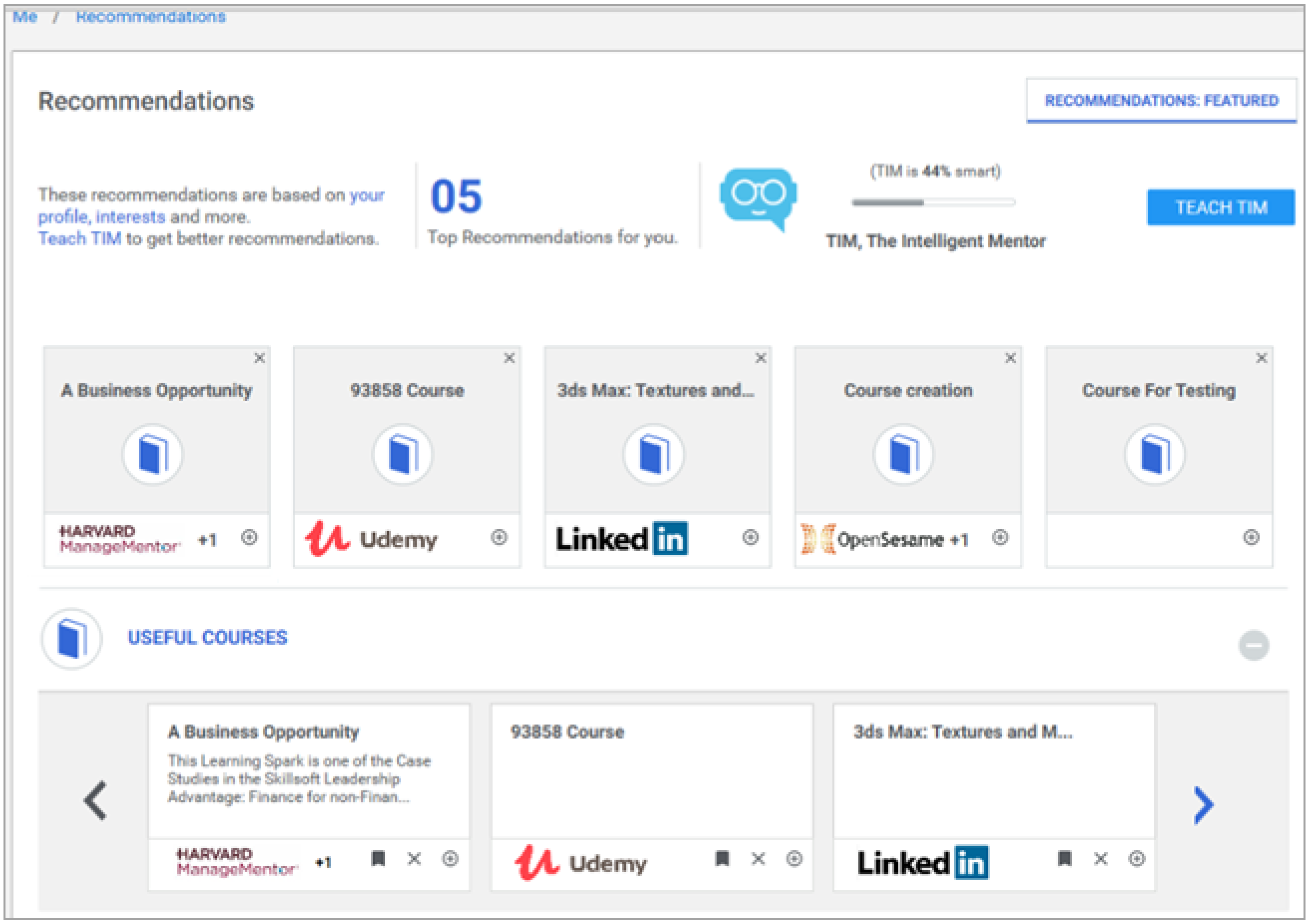


Figure 159: Course recommendations

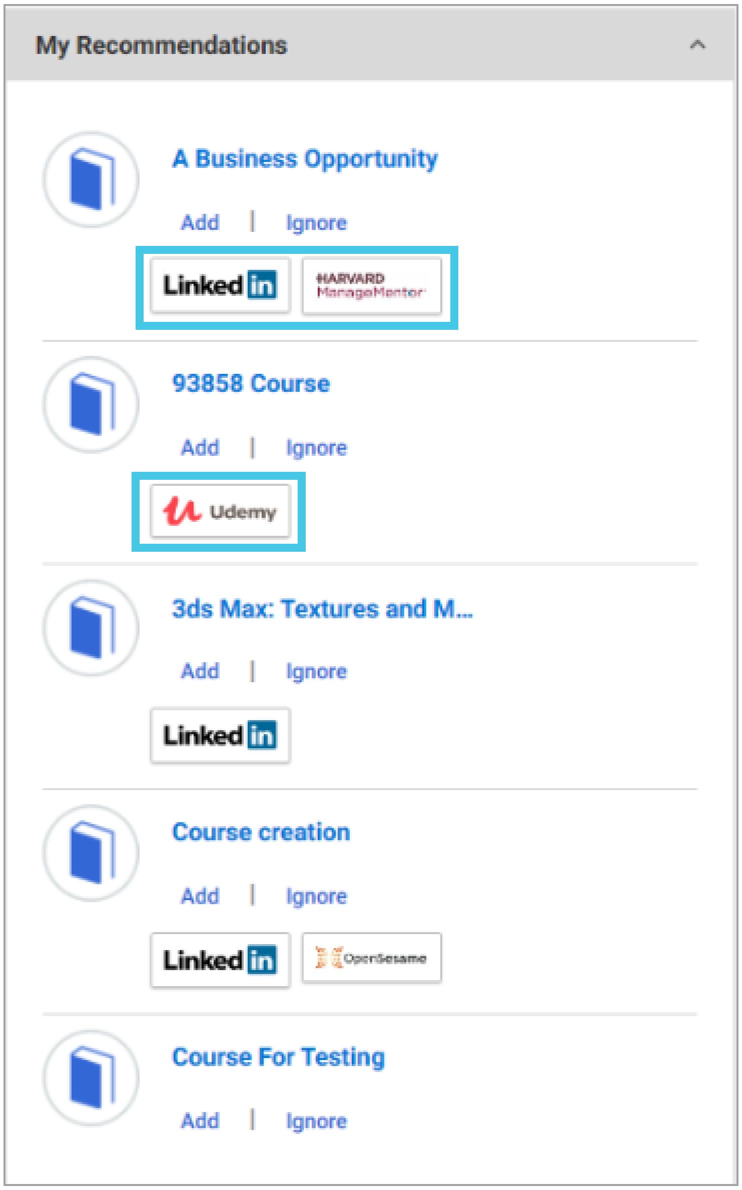


Figure 160: My Recommendations portlet

Use Case

This enhances the existing framework to expand the recommendation sources for TIM. Saba Cloud connects to a variety of content vendors that are well known sources to provide learning on varied topics.

Chapter 14

Talent

Topics:

This section includes topics to guide you through new features and enhancements under Talent.

Audit trail on Bench view and Talent Profile

How did it work?

The Talent Administrator could not view the audit trail if any changes were made in the user's bench view and talent profile.

How does it work now?

The Talent Administrator can now view the auditing on the candidate's bench view and talent profile. In the bench view, the auditing is available only for the Active and Not Accepted candidates. Click the **View Audit History** action corresponding to the candidate to view the trail. Currently, only **Silent auditing** is supported.

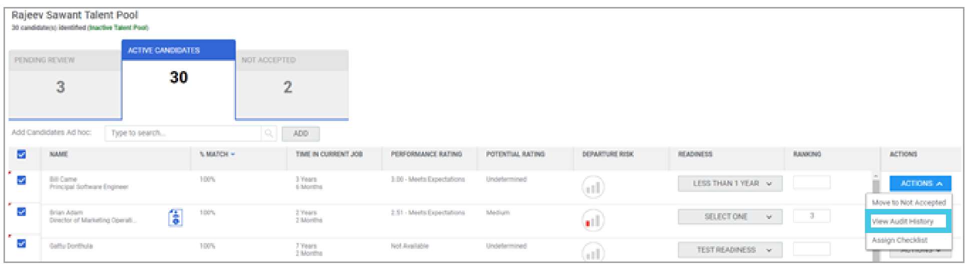


Figure 161: View Audit History of Candidate

Audit Trail

Print | Export | Modify Table

Action	Timestamp	Previous Value	New Value	Author	Reason
Update : Rank	22.02.2019 4:08:45 PM	null	1	Swaroop Wakade	Silent auditing
Update : Readiness	22.02.2019 3:51:19 PM	Test Readiness	Less than 1 year	Swaroop Wakade	Silent auditing
Insert	10.10.2016 12:36:05 PM	-	Candidate	Swaroop Wakade	Silent auditing

CLOSE

Figure 162: Audit Trail of Candidate

In the Talent Profile for a candidate, click the **Audit Trail** icon to view the changes.

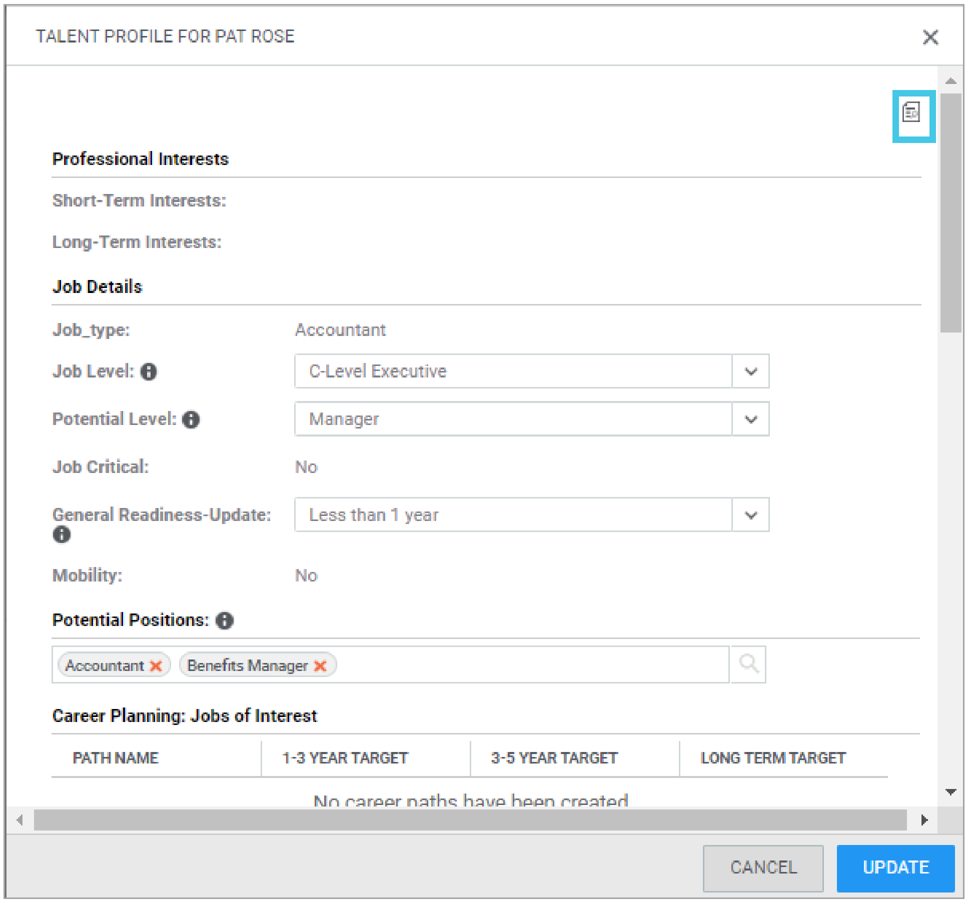
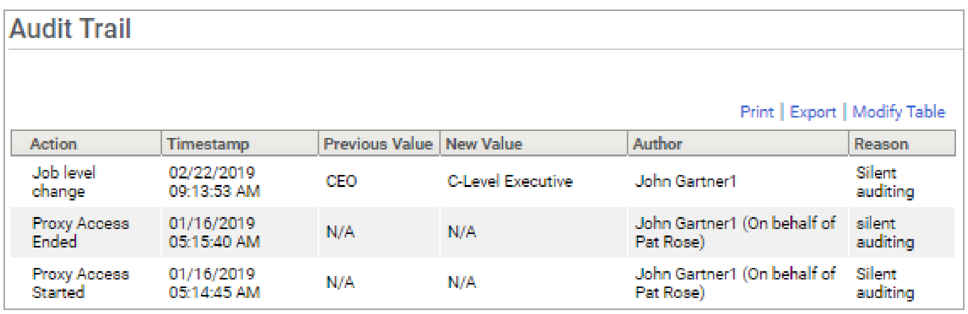


Figure 163: Audit Trail Icon on Talent Profile



Audit Trail

Print | Export | Modify Table

Action	Timestamp	Previous Value	New Value	Author	Reason
Job level change	02/22/2019 09:13:53 AM	CEO	C-Level Executive	John Gartner1	Silent auditing
Proxy Access Ended	01/16/2019 05:15:40 AM	N/A	N/A	John Gartner1 (On behalf of Pat Rose)	silent auditing
Proxy Access Started	01/16/2019 05:14:45 AM	N/A	N/A	John Gartner1 (On behalf of Pat Rose)	Silent auditing

Figure 164: Audit Trail of Talent Profile

As a System Administrator, you can enable the Silent auditing for the following on the **TalentData** component:

- Nbox plotting field 1 change
- Nbox plotting field 2 change
- Nbox plotting field 3 change
- Nbox plotting field 4 change
- Nbox plotting field 5 change
- Critical person change
- Flight Risk change
- Job level change
- Potential rating change
- Potential level change
- General Readiness change

- Retirement Risk change

Note: Navigate to **System** > **Configure System** > **Services** > Expand **Foundation** > Click **User Profile** > **Components** tab > **TalentData** component > **Audit Actions** tab to view the above audit actions.

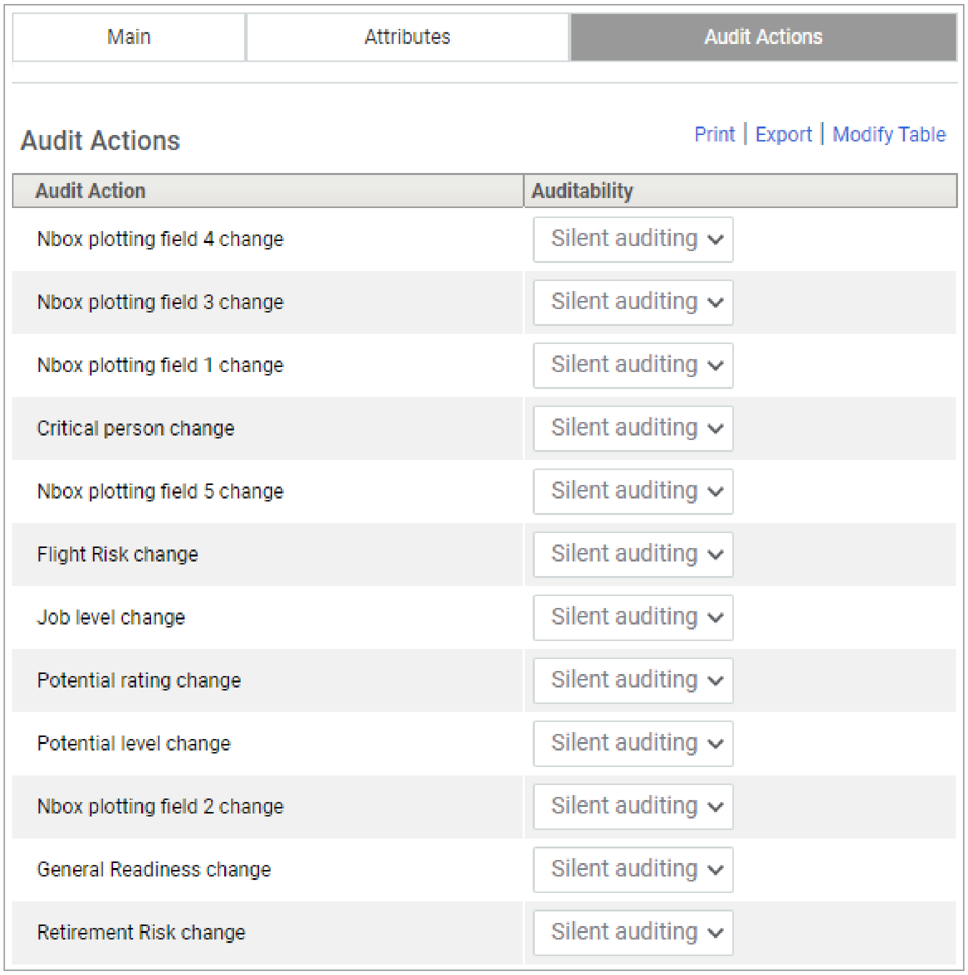


Figure 165: Audit Actions of TalentData Component

Use case

This keeps a track of changes that the administrator performs on the candidate. The **Timestamp** and **Reason** columns will be very useful while maintaining the audits for your organization.

Enhancements to the N-box filters

How did it work?

The manager could access the **Manager** dropdown list and the **Include Indirect Reports** checkbox filters on the N-box when navigated to **My Team** > **Talent** > **Talent Dashboard** > **Compare** > **N-box**.

How does it work now?

The **Manager** and **Include Indirect Reports** filters are now hidden when a manager navigates to the N-box as they were redundant for the manager. Also, the **Include Sub Org** and **Include Indirect Reports** checkboxes appear only when the Talent Administrator and the manager selects a value from the **Org Name** and the **Manager** (hidden for manager) dropdown fields.

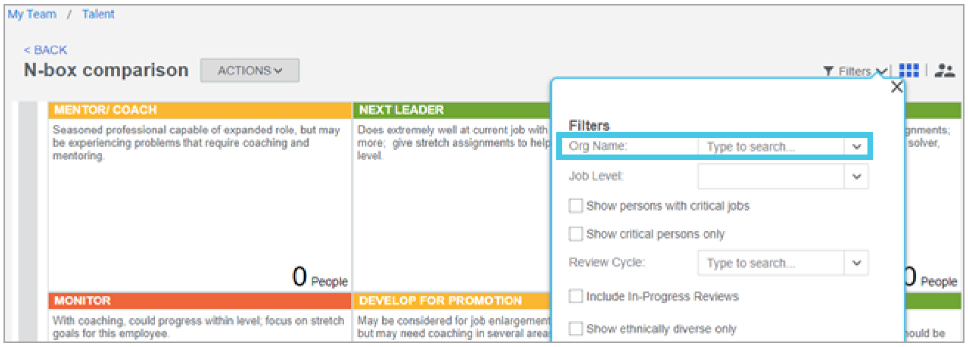


Figure 166: N-box filters for manager

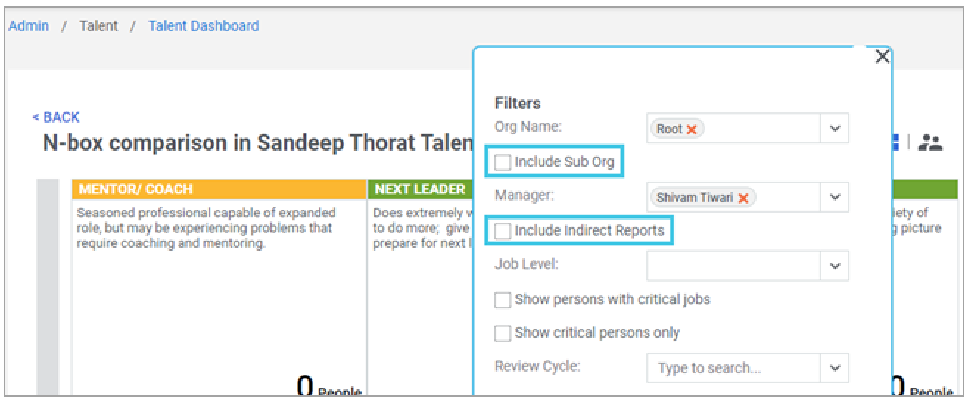


Figure 167: N-box filters for admin

Use case

This improves the usability of filtering candidates on the N-box by displaying filters based on the logged in user's role.

View the profile card of talent pool candidates

How did it work?

The Talent Administrator and the Manager could not access candidate's profile card from the talent pool because the candidate name was not clickable.

How does it work now?

The Talent Administrator and the Manager can now view the candidate's profile card from the talent pool by clicking the candidate's name in the talent pool details.

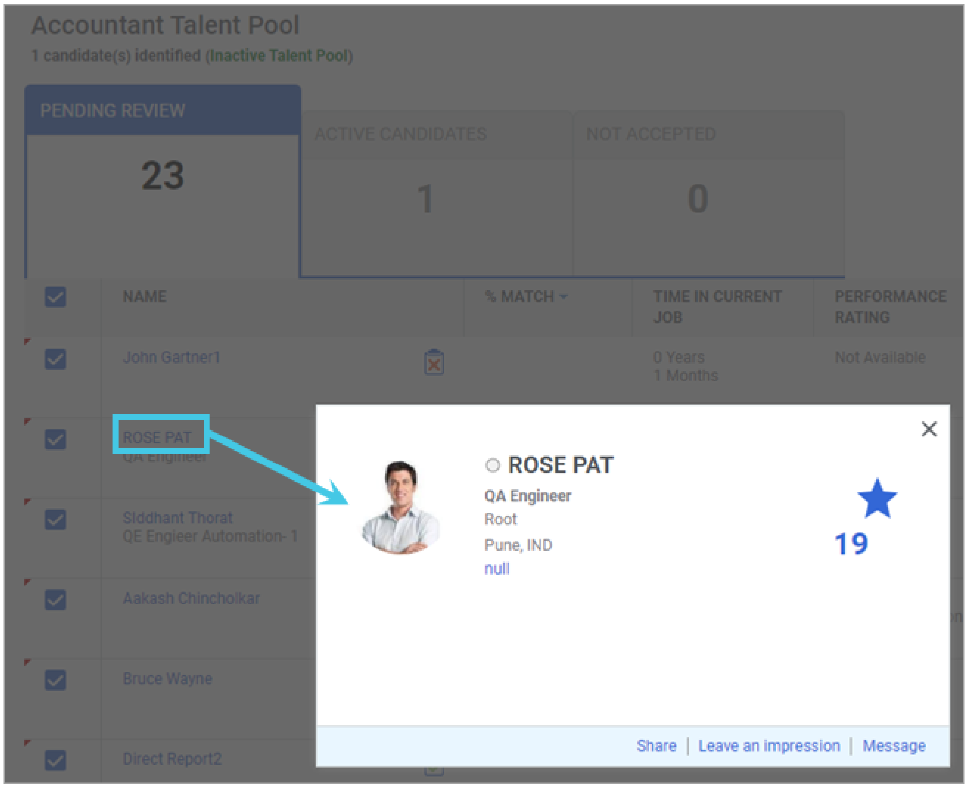


Figure 168: View Profile Card from Talent Pool

Use case

This improves the usability because a talent pool can have multiple people with same names and might cause confusion. The profile card comes with other details that can be helpful in identifying the candidate.

Chapter 15

Walkthroughs

Topics:

This section includes topics to guide you through new features and enhancements to walkthroughs.

New walkthroughs

The 'Show me how…' menu that appears on the right side of the screen on the Saba Cloud Admin page provides step-by-step instructions to help administrators accomplish key tasks.

Note: The 'Show me how…' menu is displayed only if your System Administrator has enabled the walkthrough-related properties for your site.

This menu now includes the following new walkthroughs for Learning Administrators:

- Create a checklist
- Schedule a recurring class
- Change the location of a class
- Cancel a scheduled class

  Note: These four new walkthroughs only work in Saba Cloud's new user experience. Your administrator can enable the new user experience by navigating to **System > Manage Branding > User Experience**. Also, the walkthroughs only work in full screen.

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