# What's New

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# Chapter 1

# New features at a glance

**Topics:**


- Summary of new features and user impact

# Summary of new features and user impact

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

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

**Table 1: 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 |
|---|---|---|---|---|---|---|
| Platform | Roster APIs | Y | | | | Developer |
| | Profile APIs | Y | | | | Developer |
| | Learning APIs | Y | | | | Developer |
| | Enrollment APIs (Search) | Y | | | | Developer |
| | Enrollment APIs (ENROLL FOR OTHER USERS/SELF WITH PAYMENT) | Y | | | | Developer |
| | Subscription APIs | Y | | | | Developer |
| | Enhancements to JSON Web Token | Y | | | | System admin |
| | Import raw AICC content using data import | Y | System admin | | | System admin |
| | Enhancement to data import notifications | | System admin | | | System admin |
| | Canvas now supports domain inheritance | | | | | |
| | Enabled portlets behavior on homepage changed | Y | System admin | | | System admin<br>End users |

| Functional area | Feature | Enabled by default?* | Requires admin setup | Submit a Support ticket to enable | Affects existing configuration or data | Affected audience |
|---|---|---|---|---|---|---|
| | Additional configuration for new user sign up | Y | System admin | | | System admin<br>End users |
| | The **Use Only username in forgot password** property ad~ ded as a site level property | | System admin | | | System admin<br>End users |
| Compensa~ tion | Custom profile fields now vis~ ible in library fields | | Compensation admin | Y | | Compensation admin |
| | Approval chain widget appears in Plan Cycle wizard | Y | Compensation admin | | | Compensation admin |
| Learning | New Essay question type in Tests | | System admin | | | Learning admin<br>Instructor |
| | Reminder notifications for courses and recurring courses use learner timezone | Y | System admin | | | End user |
| | Enhancements to iCalendar no~ tifications of session-based of~ ferings | | System admin | | | End user |
| | New setting to configure con~ tent attempt | | System admin | | | End user |
| | Using IIS Web server to deliver remote content securely | Y | | Y | | Content admin |
| Analytics | Recruiting reports can now in~ clude the learning data | Y | | | | Analytics admin<br>Analytics user |
| | Custom fields with Boolean data type in Analytics display Yes/No | Y | | | Y | Analytics admin<br>Analytics user |
| | New/Updated attributes | Y | | | | Analytics admin<br>Analytics user |
| Perform~ ance | Translated notifications for Feedback service | | System admin | | | System admin<br>End users |

| Functional area | Feature | Enabled by default?* | Requires admin setup | Submit a Support ticket to enable | Affects existing configuration or data | Affected audience |
|---|---|---|---|---|---|---|
| | Updated description for **Feedback from others and MRA** business rule under Skills & Reviews service | | System admin | | | System admin<br>End users |
| Talent | Drag and drop members to N-box | Y | Talent admin | | | Talent admin<br>Manager |
| Recruiting | Send Offer notification is now configurable | Y | Recruiting admin | | | Recruiting admin |
| | Notify candidates who are copied to new requisitions | Y | Recruiting admin | | | Recruiting admin<br>Applicants |
| | Offering component now a viewable privilege on world domain | Y | Recruiting admin | | | Recruiting admin<br>Applicants |

# Chapter 2

# Compensation

**Topics:**


- Custom profile fields now visible in Compensation library fields
- Approval chain widget appears in Plan Cycle wizard

# Custom profile fields now visible in Compensation library fields

## How did it work?

The **User Profile** service did not include **custom fields** in the **Person, Internal** component for the compensation data library of fields.

## How does it work now?

In System > Services > the **User Profile** service now includes 10 **custom fields** in the **Person, Internal** component and have been added to the Compensation library fields. These fields appear on the main profile page.

**Note:** This update currently only supports **data type = String(255)**.

**Note:** The **custom fields** for the Person, Internal component are **not** to be confused with the 20 **custom sections** that are also listed in the list of components for the User Profile service.

Custom Attributes

Print | Export | Modify Table

| Display | Attribute | UI Label | Data Type |
|---|---|---|---|
| ☑ | custom0 | Custom0 - Siraj | String(255) |
| ☑ | custom1 | Custom1 | String(255) |
| ☑ | custom2 | Custom2 | String(255) |
| ☑ | custom3 | Custom3 | String(255) |
| ☑ | custom4 | Custom4 - Updated | String(255) |
| ☑ | custom5 | Custom5 | String(255) |
| ☐ | custom6 | Custom6 | String(255) |
| ☐ | custom7 | Custom7 | String(255) |
| ☐ | custom8 | Custom8 | String(255) |
| ☐ | custom9 | Custom9-Real | String(255) |

**Figure 1: [Updated Compensation data library fields]**

## Use Case

Custom fields unique to your organization can be added and used as person data for creating plan cycles in Compensation.

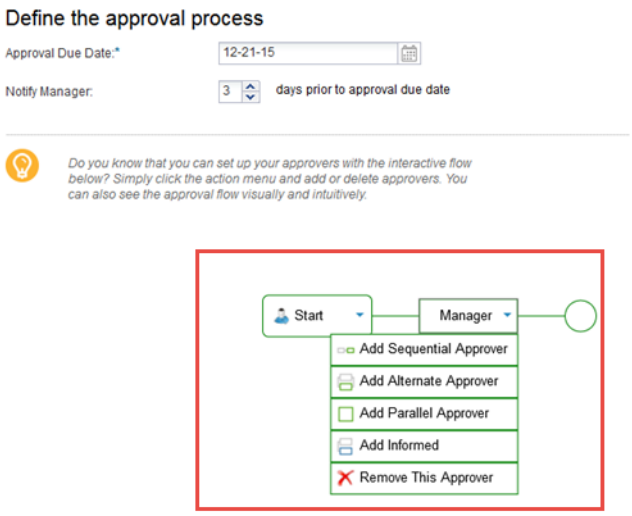
# Approval chain widget appears in Plan Cycle wizard

## How did it work?

When using the Plan Cycle wizard to create a new plan cycle, the Plan Approval page only showed the Approval Due Date and Notify Manager fields.

## How does it work now?

The approval chain widget now appears in the Plan Approval step in the Plan Cycle wizard.




## Use Case

Users can select approvers using the Approval Chain widget when creating new plan cycles.

# Chapter 3

# Platform

**Topics:**


- REST API enhancements
- Enhancements to JSON Web Token
- Data Integration
- Canvas now supports domain inheritance
- Enabled portlets behavior on homepage changed
- Additional configuration for new user sign up
- The Use Only username in forgot password property added as a site level property

# REST API enhancements

## Roster APIs

### How did it work?

N/A

### How does it work now?

The following REST APIs are added:

**GET ROSTER DETAILS FOR A SESSION BASED CLASS**

Returns roster details such as the Seat Availability and learner's roster detail entries for a particular session based class.

```
https://<hostname-api.sabacloud.com>/v1/learning/offering/:offeringId/roster
?count=:count&startPage=:startPage&q=(registrationStatus%3d%3d:registrationStatus)
```

**ADD A LEARNER TO A SESSION BASED CLASS VIA ROSTER**

Adds a learner to a particular session based class via the roster.

👉 **Note:** In case, payment is required for the learner in order to enroll for the class, then the order will be created in **Payment Initiated** state. This is similar to the UI action for add learner.

```
https://<hostname-api.sabacloud.com>/v1/learning/offering/:offeringId/roster/:learnerId
    ?ignoreWarnings=:ignoreWarnings
```

**REMOVE A LEARNER FROM A SESSION BASED CLASS VIA ROSTER**

Removes a learner from a particular session based class via the roster.

👉 **Note:** A Catalog Admin can drop the registration with or without applying late charge in case of a class with Open – Normal status. Drop or delete is not allowed in case of a class with Delivered status. This is how the Delete action from the roster works on the UI.

```
https://<hostname-api.sabacloud.com>/v1/learning/offering/:offeringId/roster/:learnerId
    ?applyLateCharges=:applyLateCharges&auditReason=:auditReason
```

For more details on this API refer the **REST API Reference**.

### Use Case

N/A

# Profile APIs

## How did it work?

N/A

## How does it work now?

The following REST APIs are added:

**GET PERSON'S RESOURCE DETAILS**

Returns the resource information of a particular person.

```
https://<hostname-api.sabacloud.com>/v1/common/profile/
    :personId/resource
```

**ASSIGN PERSON AS A RESOURCE**

Assigns person as a resource. It accepts rate, language and qualified learning details.

```
https://<hostname-api.sabacloud.com>/v1/common/profile/
    :personId/resource
```

**UPDATE PERSON'S RESOURCE AND RATE DETAILS**

Updates Person's resource and rate details

```
http://<hostname-api.sabacloud.com>/v1/common/profile/
    :personId/resource
```

**DELETE PERSON'S QUALIFIED LEARNING INFORMATION**

Delete a person's qualified learning details.

```
https://<hostname-api.sabacloud.com>/v1/common/profile/
    :personId/qualifiedlearning/:courseId/:deliveryTypeId
```

**DELETE PERSON'S RATE INFORMATION**

Deletes a person's rate details.

```
https://<hostname-api.sabacloud.com>/v1/common/profile/
    :personId/rate/:currencyId
```

**DELETE PERSON'S SPOKEN LANGUAGE INFORMATION**

Deletes a person's spoken language details.

```
https://<hostname-api.sabacloud.com>/v1/common/profile/
    :personId/languagespoken/:languageId
```

For more details on this API refer the **REST API Reference**.

### Use Case

N/A

## Learning APIs

### How did it work?

The GRANT CERTIFICATION TO A LEARNER API didn't support granting a curriculum.

### How does it work now?

The following REST API is modified to now support granting a curriculum:

**GRANT CERTIFICATION/CURRICULUM TO A LEARNER**

Grants certification/curriculum to a learner. The status of such granted certification/curriculum will be shown as acquired for that learner.

👉 **Note:** To grant an already assigned certification the **suppressWarning** flag should be true.

```
http://<hostname-api.sabacloud.com>/v1/learning/heldlearningevent/
    :cert_curr_Id/person?action=grant
```

Using the **suppressWarning** flag:

```
http://<hostname-api.sabacloud.com>/v1/learning/heldlearningevent/
    :cert_curr_Id/person?action=grant&suppressWarning=true
```

For more details on this API refer the **REST API Reference**.

### Use Case

N/A

## Enrollment APIs (Search)

### How did it work?

N/A

### How does it work now?

The following REST API is added search for enrollments based on a given search criteria:

**SEARCH ENROLLMENTS BASED ON GIVEN CRITERIA**

Returns the details of the enrollments based on the provided search criteria.

👉 **Note:** Using this API, the user can view his own enrollments by passing student_id as the criteria. The user needs the people admin privilege to access other's enrollments.

```
https://<hostname-api.sabacloud.com>/v1/learning/enroll/search
    ?q=(:criteria_field%3D%3D:field_value)&count=:count
    &startPage=:startPage&includeDetails=:isDetail
```

### Examples

**To search enrolments for a class:**

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

?q=(class_id%3D%3Ddowbt000000000002151)&count=10&startPage=1&includeDetails=false
```

**To search enrollments with no show records:**

```
https://<hostname-api.sabacloud.com>/v1/learning/enroll/search
    ?q=(is_no_show%3D%3D1)&count=10&startPage=1&includeDetails=false
```

**To search enrollments with walk in records:**

```
https://<hostname-api.sabacloud.com>/v1/learning/enroll/search
    ?q=(is_walk_in%3D%3D1)&count=10&startPage=1&includeDetails=false
```

**To search enrollments based on custom fields:**

```
https://<hostname-api.sabacloud.com>/v1/learning/enroll/search
    ?q=(custom0%3D%3Dcustom0Val)&count=10&startPage=1&includeDetails=false
```

**To search enrollments with details:**

```
https://<hostname-api.sabacloud.com>/v1/learning/enroll/search
    ?q=(custom0%3D%3Dcustom0Val)&count=10&startPage=1&includeDetails=true
```

**Return Values:**

```
{
    "facets": [],
    "hasMoreResults": false,
    "totalResults": 1,
    "itemsPerPage": 10,
    "startIndex": 1
    "results": [
        {
            "class_id": {
                "id": "class000000000200443",
                "displayName": "CE04ILT04"
            },
            "student_id": {
                "id": "emplo000000000200099",
                "displayName": "Ajay Tripathi"
            },
            "status": "100",
            "offering_action_id": {
                "id": "ofapr000000000001400",
                "displayName": "00001382"
            },
            "delivery_id": {
```

```
                "id": "eqcat000000000000004",
                "displayName": "Instructor-Led"
            },
            "offering_temp_id": {
                "id": "cours000000000200446",
                "displayName": "CE04"
            },
            "elements_to_complete": 0,
            "reg_no": "00001385",
            "wlist_on": null,
            "wlist_priority": 5,
            "Max_Count": null,
            "Current_Count": null,
            "is_no_show": false,
            "is_walk_in": false,
            "customValues": {
                "custom9": null,
                "custom0": "custom0Val",
                "custom3": null,
                "custom4": null,
                "custom1": null,
                "custom2": null,
                "custom7": null,
                "custom8": null,
                "custom5": null,
                "custom6": null
            },
            "id": "regdw000000000001340"
        }
    ]
}
```


**To search enrollments based on updated_on date:**

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

?q=(updated_on%3Dge%3D2015-08-27T16%3A16%3A00.000%2B0530)&count=10&startPage=1
```

**Return Values:**


```
{
    "facets": [],
    "hasMoreResults": true,
    "totalResults": 1,
    "itemsPerPage": 10,
    "startIndex": 1,
    "results": [
        {
            "id": ""regdw000000000003201",
            "displayName": ""00003225",
            "href":
""https://<hostname-api.sabacloud.com>/v1/enrollments/regdw000000000003201"
        }
    ]
 }
```


**To search enrollments based on registration status:**

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

?q=(reg_status%3D%3D100,student_id%3D%3Dpersn000000000200273)&count=10&startPage=1
```

**To search enrollments based on class number or part number:**

```
https://<hostname-api.sabacloud.com>/v1/learning/enroll/search
    ?q=(part_number%3D%3DPG1DNWLD1)&count=10&startPage=1
```

**To search enrollments based on student username:**

```
https://<hostname-api.sabacloud.com>/v1/learning/enroll/search
    ?q=(student_username%3D%3DCONE)&count=10&startPage=1
```

**To search enrollments using the POST method:**

```
https://<hostname-api.sabacloud.com>/v1/learning/enroll/search
    ?count=10&startPage=1&includeDetails=false
```

**Request Body:**

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

For more details on this API refer the **REST API Reference**.

### Use Case

N/A

## Enrollment APIs (ENROLL FOR OTHER USERS/SELF WITH PAYMENT)

### How did it work?

The **ENROLL FOR OTHER USERS/SELF WITH PAYMENT API** didn't support returning the tax information.

### How does it work now?

The ENROLL FOR OTHER USERS/SELF WITH PAYMENT REST API now supports returning the tax information. You can add **"taxExempt":true** in the request body to get the tax information.

**Request Body (Payment using Purchase Order with Tax Information - "taxExempt":true)**

```
{
   "paymentRequests":[
      "java.util.ArrayList",
      [
         {
            "@type":"com.saba.learning.services.order.PaymentRequest",
            "purchaseOrderNumber":"159753",
            "totalAmount":[
               "java.math.BigDecimal",
               44
            ],
            "paymentType":"PurchaseOrder"
         }
      ]
   ],
   "cartRequest":{
      "@type":"com.saba.learning.services.order.CartRequest",
      "orderContact":"persn000000000001002",
      "cartItems":[
         "java.util.ArrayList",
         [
            {
               "@type":"com.saba.learning.services.order.CartItem",
               "learnerId":"persn000000000001026",
               "partId":"dowbt000000000001003",
               "addToMandatoryList":false,
               "taxExempt":true
            }
         ]
      ]
   },
   "@type":"com.saba.rest.businesscomponent.dto.EnrollmentRequest"
}
```

For more details on this API refer the **REST API Reference**.

### Use Case

N/A

## Subscription APIs

### How did it work?

The Subscription APIs did not support the **Is Featured** flag.

### How does it work now?

The following REST APIs now support the **Is Featured** flag:

**GET THE DETAILS OF A PARTICULAR SUBSCRIPTION**

**FIND THE DETAILS OF THE SUBSCRIPTION**

**FIND THE DETAILS OF THE SUBSCRIPTION (Using POST - Range based search)**

**CREATE A NEW SUBSCRIPTION**

The following additional calling option has been added.

**Table 2: Calling Options**

| Name | Description | Sample Value | Data Type | Required? |
|---|---|---|---|---|
| is_featured | Is Featured Or Not | false | string | No |

**UPDATE THE DETAILS OF A SUBSCRIPTION**

The following additional calling option has been added.

**Table 3: Calling Options**

| Name | Description | Sample Value | Data Type | Required? |
|---|---|---|---|---|
| is_featured | Is Featured Or Not | false | string | No |

For more details on this API refer the **REST API Reference**.

### Use Case

N/A

# Enhancements to JSON Web Token

## How did it work?

1. The JWT token was expected in the following format:

```
<RSA encrypted and signed header JSON>.<RSA encrypted and signed claims JSON>
```

2. Only RSA-SHA-256 was supported.
3. It was not possible to use the customer provided secret to sign the JWT Payload.
4. A typical JWT Payload (claims) would look like:

```
{
   "iat":1372113305,
   "exp":1372119305,
   "context":{
      "username":"uone",
      "sitename":"SabaSite",
      "locale":"en_us"
   }
}
```

5. JWT based authentication was available for vanity as well as non-vanity enabled sites.

6. The Login URL was of the following format as mentioned in the site level property:

```
<IDP log in URL>
```

7. Deeplinks were not supported.

## How does it work now?

The JSON Web Token based authentication now supports the following:

1. Added support for base64 encoding as per the industry standard. The signed token is now Base64 encoded. The JWT token is now expected in the following format:

```
<Base64 encoded Header JSON>.<Base64 encoded claims JSON>.<RSA or HMAc signed
 JWT signing input>
```

   Where <Base64 encoded Header JSON>.<Base64 encoded claims JSON> is the JWT signing input
2. Added support for HMAC SHA-256 in addition to RSA-SHA-256. Customers can sign the token using HMAC SHA 256.

   👉 **Note:** Key for HMAC SHA 256 should be provided in the JWT configuration.

3. A customer provided secret for HMAC SHA 256 can now be used to sign the JWT Payload.

   👉 **Note:** Customer should provide the key for HMAC SHA 256 signing in the JWT configuration for the site.

4. A typical JWT Payload (claims) would look like:

```
{
   "iat":1372113305,
   "jti":8883362531196.326,
   "name":"Test User",
   "email":"tuser@example.org",
   "external_id":"5678",
   "organization":"Apple",
   "tags":"vip_user",

"remote_photo_url":"http://mit.zenfs.com/206/2011/05/Barnaby_Matt_cropped.jpg",

   "locale_id":"8"
}
```

   **email** is a mandatory parameter here. In addition to this the customer can also provide the **sitename** and **micrositeId** in this JSON which is not mandatory, however, if provided, the sitename and the micrositeId will be validated.

5. JWT based authentication is now only available for vanity enabled sites.
6. The Login URL should be of the following format:

```
<IDP log in url>?<returnTo=<Customer's Saba vanity host
url>/Saba/cert/SSO?relay=<this should be sent back to Saba for deeplink
support>>
```

7. Added support for deeplinks for which the relay param sent to the IdP should be sent back to Saba.

## Use Case

N/A

# Data Integration

## Import raw AICC content using data import

### How did it work?

Prior to this release, Saba Cloud did not support the ability to import raw AICC content through the data import UI. It could be imported only using the Data Mapping Tool. To import such content, you had to send a request to the Saba *Customer Success Manager*.

### How does it work now?

System administrators can now import raw AICC content through the **Bulk Content Import** object in data import. After the import, the raw AICC content is hosted on the Saba Cloud content server. Administrators can then use this content while creating courses and classes, and learners enrolling for such classes can launch the content.

This ability of importing raw AICC content through the data import UI is in addition to the existing capability of importing it using the Data Mapping Tool.

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

### Use Case

There is a need to support the bulk import ability for raw AICC content through the Saba Cloud UI, thereby, eliminating the dependency of raising requests to *Customer Success Managers* for the same.

## Enhancement to data import notifications

### How did it work?

The data import related notification events in Saba Cloud can be configured to send notifications to a specific user only. However, they cannot be configured to send notifications to the user who triggered the import.

### How does it work now?

This release enhances the data import related notifications in Saba Cloud such that they now have the ability to send notification emails to the user who triggered the import.

A new named query called **Person who created the import job** is now available for the following Data Integration notification events:

- DataIntegration pre process
- DataIntegration post process

To access the new named query, navigate to **System > Configure System > Services > Data Integration**, click the **Notifications** tab, and add recipients to one of the above-noted events.

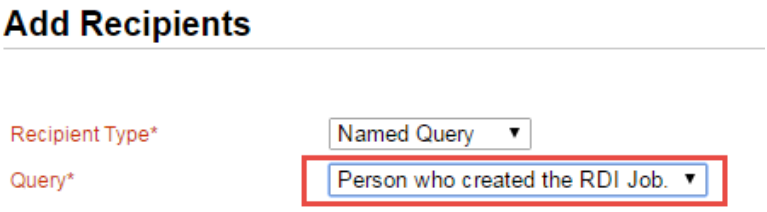



**Figure 2: New named query for DI notification events**

### Use Case

People who trigger data import jobs need to be informed about them via notification emails.

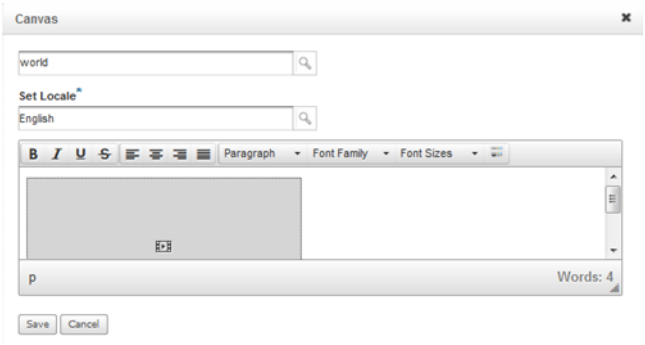
# Canvas now supports domain inheritance

## How did it work?

Changes to the canvas on the world domain could only be seen on the world domain, and not on a lower domain.

## How does it work now?

Changes to the canvas on the world domain now automatically cascade to child domains so that users in those domains can see the changes as well. The cascading occurs every time the system canvas is saved, unless the canvas in a lower domain has been explicitly set. A child domain will **always** inherit value from its direct parent domain (up the hierarchy until it has a canvas set) and will be updated based on the changes made in that domain or respective parent domains. All inheritance is **locale-specific**; if there is a canvas explicitly set for a locale, the child domain will automatically inherit value from the parent from that particular locale. If you do not want the same content that appears in a parent domain's canvas to appear in one of its child domains, you can manually modify the child domain's system canvas.



## Use Case

If your organization has several domains with users in various locales, you can personalize the canvas for a broader scope of users instead of updating the canvases individually.

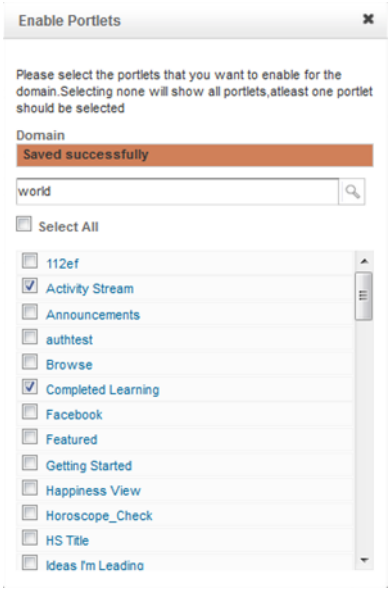
# Enabled portlets behavior on homepage changed

## How did it work?

When admins navigated to **Home > Enable Portlets**, no portlet was selected by default, which meant that any and all portlets were available for users to add when personalizing their homepage.

## How does it work now?

With this update, administrators have more control over the portlets that users can see. Only portlets that are manually enabled are displayed in the list of available portlets for users when they click **Personalize** on the homepage.




## Use Case

Admins have full control the visibility of portlets that users can access based on the domains they belong to.

# Additional configuration for new user sign up

## How did it work?

N/A.

## How does it work now?

**New Notification for Sign Up**

When a new user tries to sign up in Saba Cloud but fails, then the new triggered notification **Signup Failure** will be sent. This new notification is added under the **User Profile** service. By default, this notification is disabled. The following keywords can be added in this notification:

- First Name
- Last Name
- Email Address
- Security Keyword
- Organization
- Job
- Country
- Location
- Work phone
- Home phone
- Error Message
- Custom Fields (0-9)

👉 **Note:** Named Query is not supported for this notification.

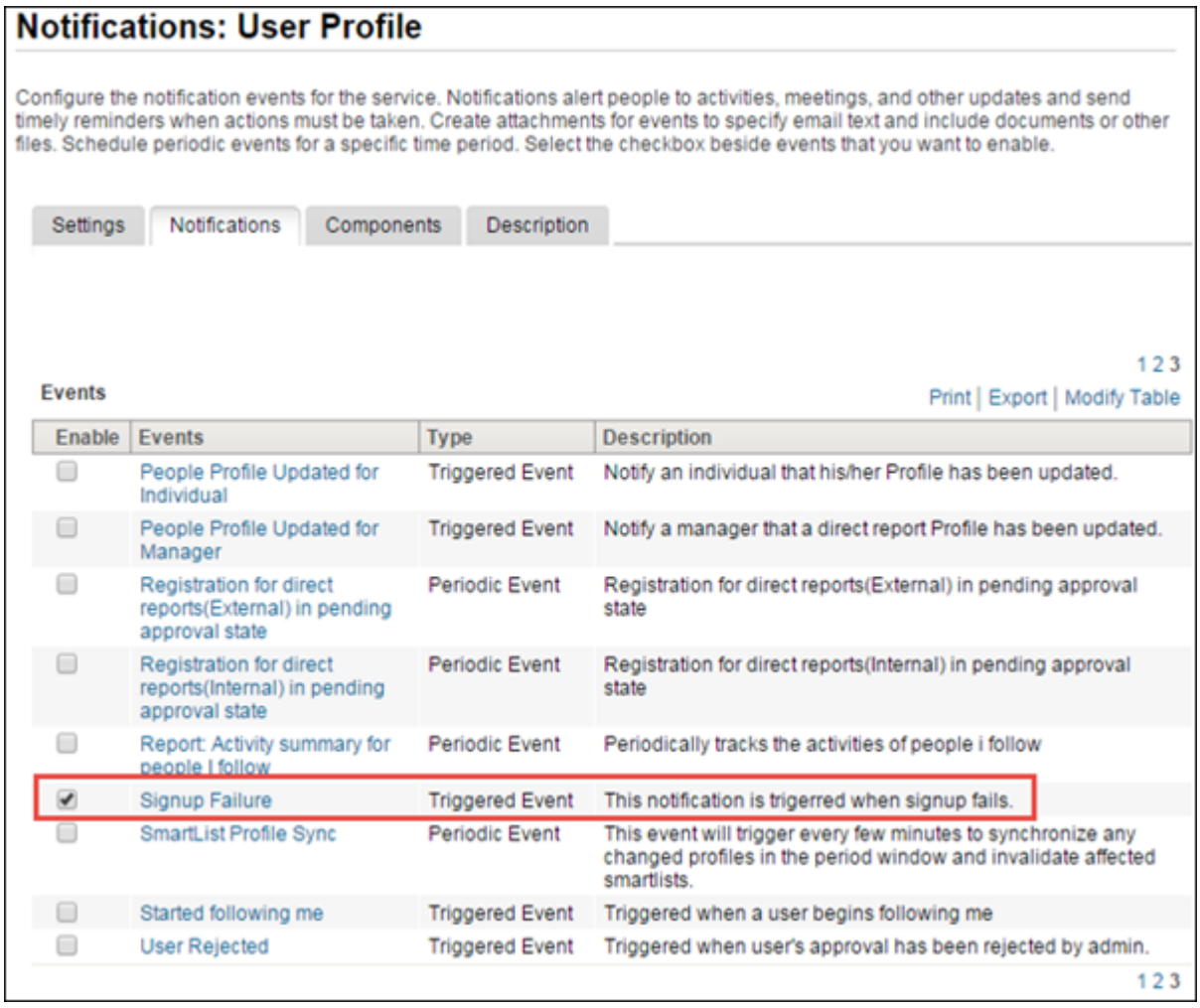



**Figure 3: New notification in User Profile**

**New Error Message for Sign Up**

A new property **Signup Failure Error Message** is added in **System** > **Sites** > **Signup** > at microsite to configure an error message that will be shown whenever signup fails due to an invalid email ID. If the admin has not set any error message, then the generic *43250=Registration could not be completed. The email provided is not valid.* will be used and shown as a default error message.

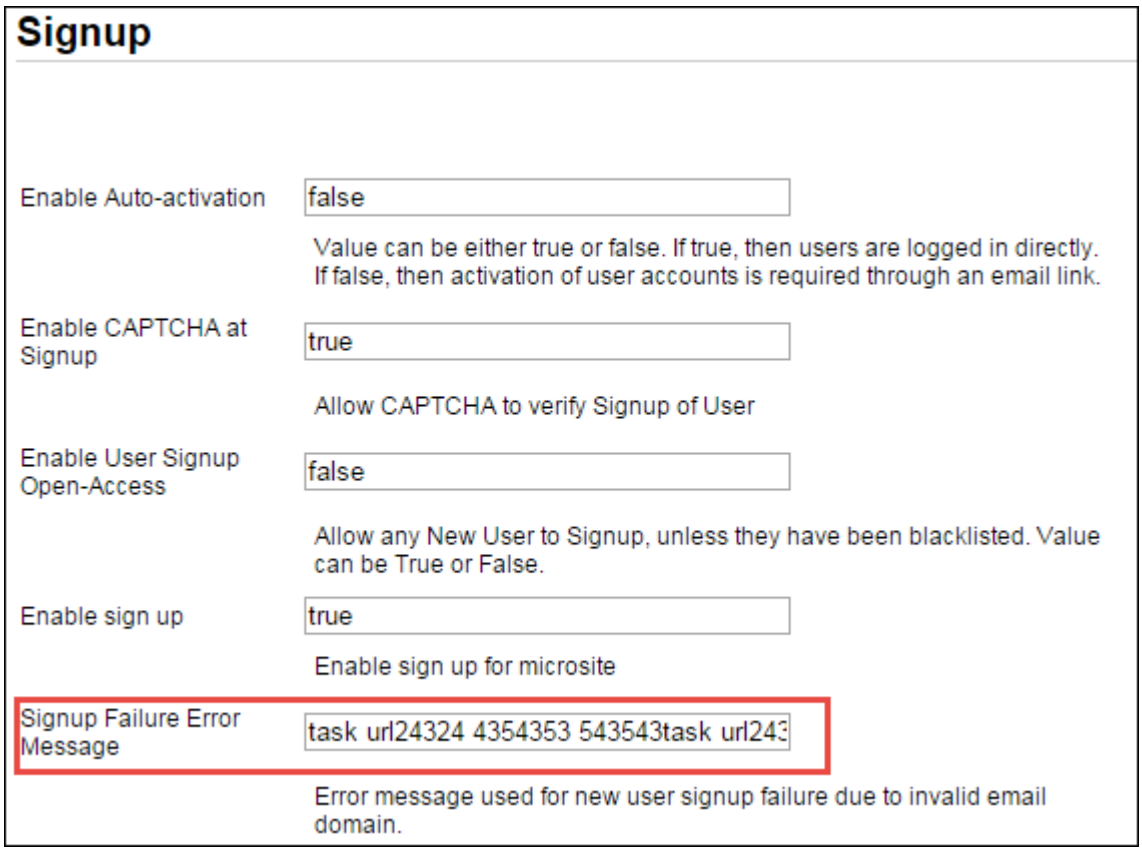



**Figure 4: New notification in User Profile**

The above enhancement is not applicable for all the new user signup clickpaths. The exceptions are mentioned below:

- SAML SSO
  - If the error message is configured at the microsite signup, then the configured message in the **Signup Failure Error Message** will be displayed at **System** > **SAML SSO Errors** > **SAML SSO Error Reporting Page** instead of the generic error message.
  - If a user signup through SSO user provisioning, then the **Signup Failure Error Message** will not be displayed on the UI. This is an existing behaviour and there are no changes.
  - If there is any failure due to invalid SAML attribute, then the **Signup Failure** notification will not be triggered, but the configured error message will be shown can be seen at **SAML SSO Error Reporting Page**.
- This feature is not applicable when a user signup through the Career site of Recruiting.
- If the user profiles are created on UI directly through REST APIs and **Getting Started** > **Invite People** flow, then the new notification **Signup Failure** is not applicable. But, in case of failure due to an invalid email, the configured error message **Signup Failure Error Message** will be displayed for **Invite People** flow.

## Use Case

The new user signup failure is handled well and made more usable.

# The Use Only username in forgot password property added as a site level property

## How did it work?

Only cloud admin user could configure the **Use Only username in forgot password** property for the Forgot Password functionality.

## How does it work now?

The **Use Only username in forgot password** is now added as a site level property under the Security property only for the default microsite. This property is now accessible to the system admins as well.

To enable or disable this property, log in as an "admin" user and navigate to **System** > **Sites** > **<*Site-Name*>** > **Security** property, scroll down to find **Use Only username in forgot password**. By default, the property value is **false**. If set to **true**, then the password can be retrieved only with username or else username and email ID will be used.

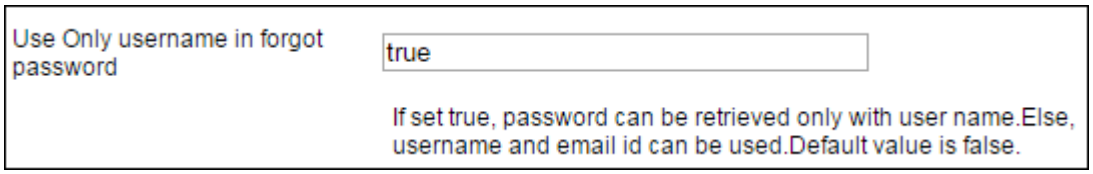



**Figure 5: Use Only username in forgot password Security property**

## Use Case

N/A

# Chapter 4

# Learning

**Topics:**


- Assessments
- Courses and Classes
- Content

# Assessments

## New Essay question type in Tests

### How did it work?

Saba Cloud did not support Essay type of questions in test assessments. Only survey assessments and tests in Recruiting supported Essay type of questions.

### How does it work now?

This release introduces the **Essay** type of question in Saba test assessments and provides a way to evaluate them manually. Essay type of questions are available only if the **Advanced Assessment** service is enabled by your system administrator.

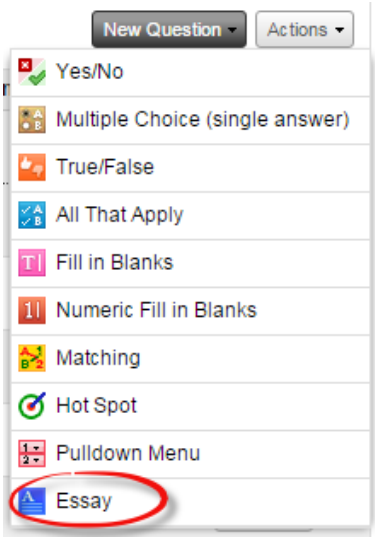



**Figure 6: Essay type question**

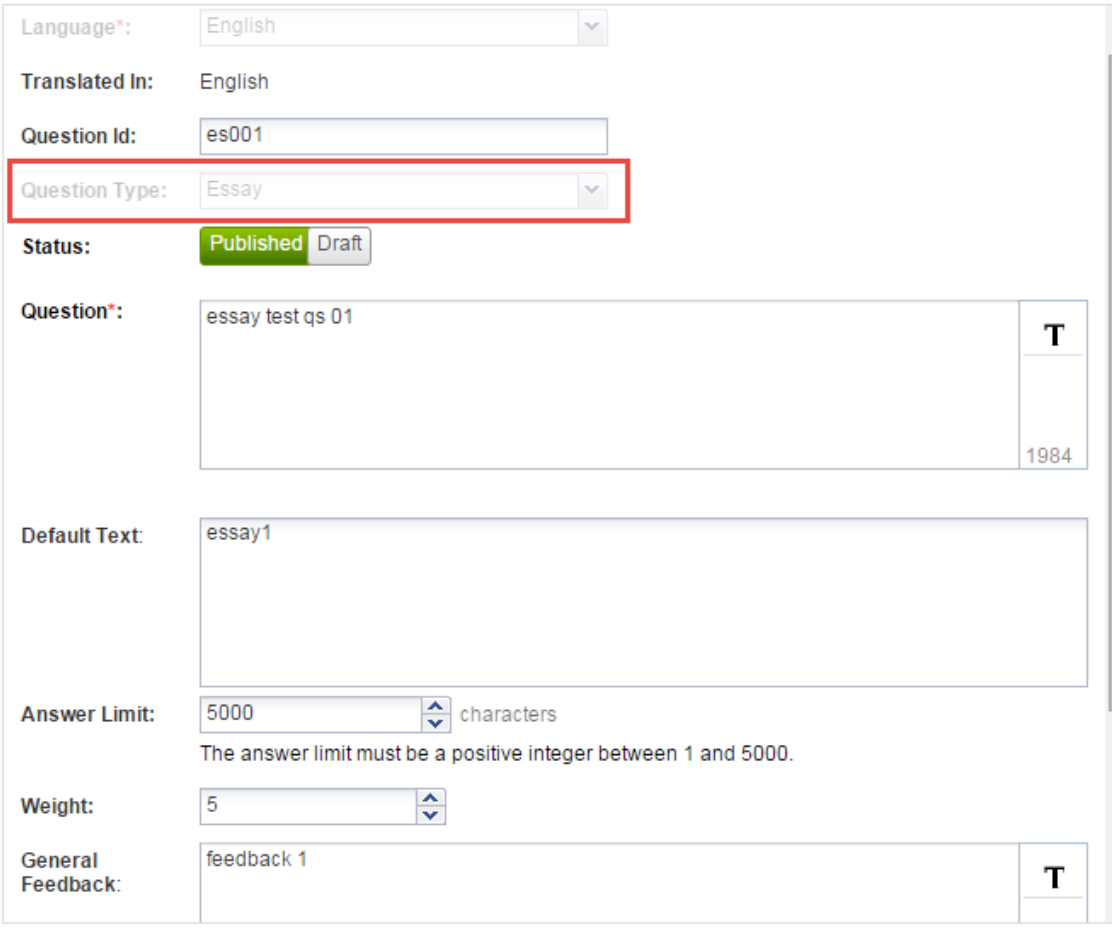



**Figure 7: Essay type question details**

Only Essay type of question in tests can be evaluated. Other Essay type of questions in Saba Cloud, such as the ones in survey or Recruiting tests, cannot be evaluated, though.

To support manual evaluation of learning tests with Essay type of questions, Saba Cloud adds a new security role called "Learning Admin - Evaluator". Individuals, who are assigned this role, have the following privileges:

- They can grade and evaluate essay type of questions.
- They can view the Instructor's Desktop

By default, these privileges are assigned to Instructors. Individuals, other than instructors, can assess learning tests with essay questions if they have the "Learning Admin - Evaluator" security role assigned to them by their system administrator. Such assessors or evaluators can be defined at the test level.

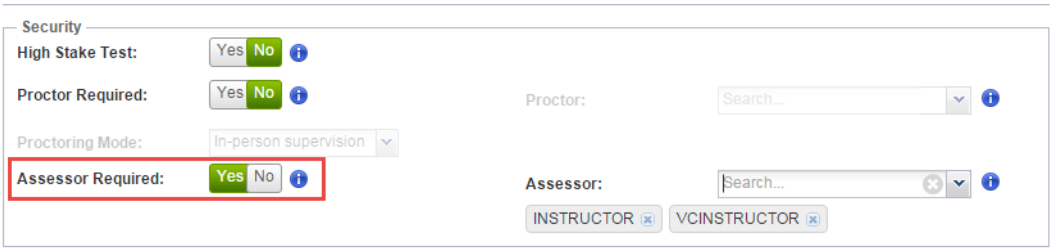



**Figure 8: Assessor in Tests**

When learners complete a test that contains essay type of question, the test moves to the *Pending Evaluation* status and the evaluators are notified about the test completion. Evaluators can provide the score and submit the test result for each

learner. The maximum score allowed for a essay type of question is the weight of the question. Questions with zero weight are not considered for evaluation.

Instructors can evaluate the tests from the new **Assessor's Desk** page.

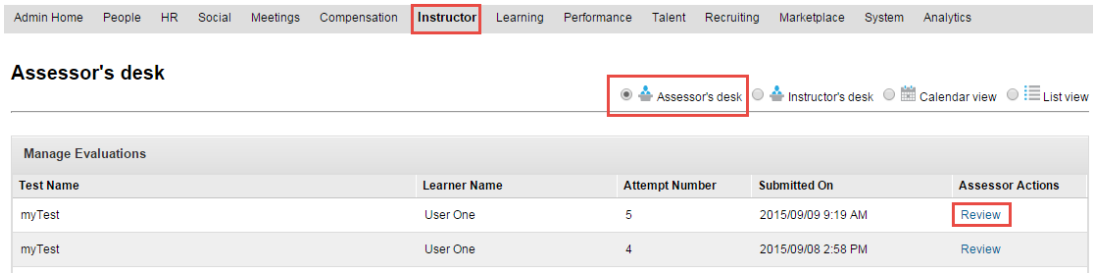



**Figure 9: Assessor's Desk**

### Use Case

Organizations need a way to collect learner feedback by means of essay type of questions in test assessments. This feedback data needs to be further graded and assessed manually by authorized individuals such as instructors.

# Courses and Classes

## Reminder notifications for courses and recurring courses use learner timezone

### How did it work?

Reminder notifications for overdue courses and recurring courses were delivered the day after the notification was due. The issue was caused by the notifications using server timezone which could be different from learner's timezone.

### How does it work now?

The following reminder notifications now use learner's timezone, instead of the server timezone:

- Reminder Notifications for Courses
  - Course overdue by X days
  - Course due in X days
  - Course due in 30 days
  - Course due in 15 days
  - Course due today
- Reminder Notifications for Recurring Courses
  - Recurring course overdue by X days
  - Recurring course due in X days
  - Recurring course due in 30 days

- Recurring course due in 15 days
- Recurring course due today

### Use Case

Using the server timezone gives some learners extra time on a courses and other learners less time on the course based on server timezone compared to the learner timezone. If the reminder notification uses the learner's timezone, then this inconsistency can be avoided.

## Enhancements to iCalendar notifications of session-based offerings

### How did it work?

Learners received notifications with iCalendar attachments for session-based offerings even if their seat was not confirmed or manager approval was not granted.

### How does it work now?

This release ensures that learners who do not have a confirmed registration; that is, if they are either pending registration approval, or waitlisted, or so on, will not receive a notification with an iCalendar attachment. When learners are finally confirmed, they receive the notifications with iCalendar attachment.

To implement this behavior, this release adds the following new named queries to session-based offerings:

- For Offering-related Notification Events:
  - Confirmed learners registered to the offering who are not pending approval or waitlisted
  - Learners registered to the offering who are pending approval or waitlisted or both
- For Registration-related Notification Events:
  - Confirmed learner associated with this registration who is not pending approval or waitlisted
  - Learner associated with this registration who is pending approval or waitlisted or both

### Use Case

There is a need to ensure that a learner who does not have a confirmed registration in a class does not receive notifications with iCalendar attachment and all session details. They should receive iCalendar attachments only when their seat is confirmed.

## WebEx require registration option disabled

### How did it work?

WebEx sessions would not appear in Saba under the list of sessions when the option to **Show only sessions that require registration** was checked.

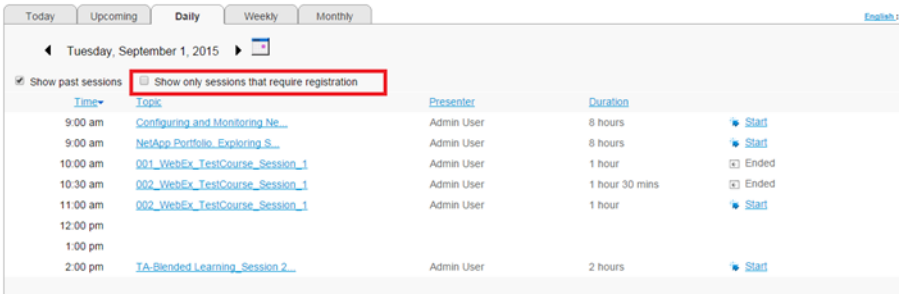



**Figure 10: [WebEx sessions]**

### How does it work now?

Due to the WebEx API used, the **require registration** option will not be set in WebEx when creating an offering created in Saba by default, so that learners are able to launch the session from Saba Cloud.

### Use Case

When creating virtual learning sessions in WebEx, registration will not be required so that learners can launch the session from Saba Cloud.

# Content

## New setting to configure content attempt

### How did it work?

Saba Cloud considered every launch or completion of content as an attempt on content.

### How does it work now?

Saba Cloud now allows system administrators to determine how a content attempt is defined by introducing the following new setting for the **Content** service:

- **Content Attempt Definition**

  This setting defines when to consider an attempt for content by classifying content attempts into two types as defined by the following values:

  - Consider launch as an attempt

    If this value is set, then a content launch is considered as an attempt on content.

  - Consider completion as an attempt

    If this value is set, then a content completion (either successful or unsuccessful) is considered as an attempt on content.

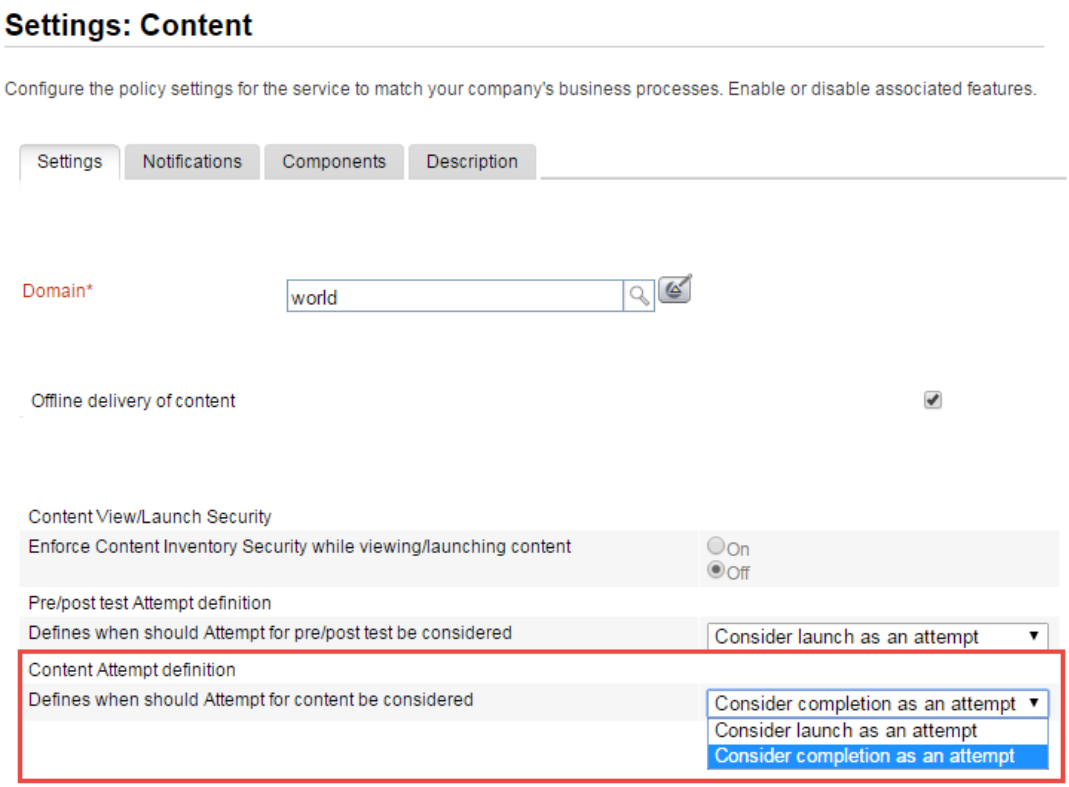



**Figure 11: Content Attempt Definition setting**

## Use Case

Limited attempts on content are impacted significantly when all content is counted on attempt. Resultantly, there is a need to classify content attempts.

# Using IIS Web server to deliver remote content securely

## How did it work?

Saba Cloud used Nginx server to deliver content securely over a remote content server. As the remote content server is hosted on the customer site, the secure implementation needed them to configure the additional Nginx component as well.

## How does it work now?

This release provides the option of using an *Internet Information Services (IIS)* Web server to deliver content securely over the remote content server. Saba Cloud supports secure remote content delivery for both SCORM and File-based URL type of content.

If the **Is secure server** checkbox is enabled while configuring a remote content server, then Saba "admin" users now have an option to select one of the following Web servers for delivering content securely:

- **Nginx**
- **IIS**

By default, the **IIS** option is selected.

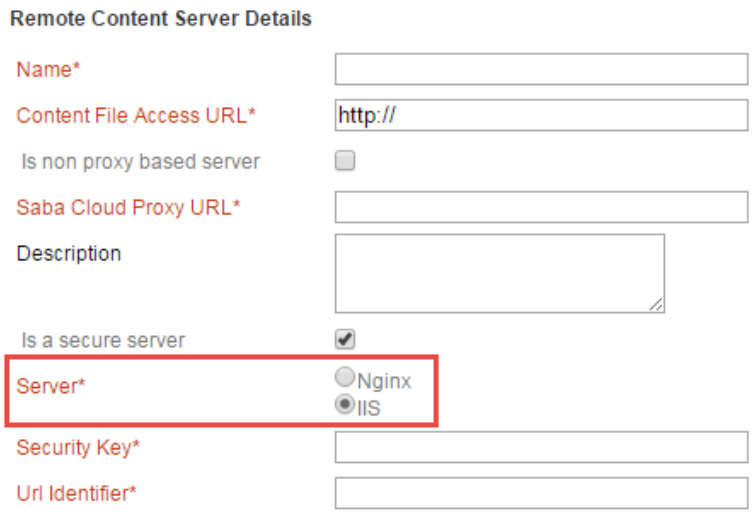



**Figure 12: New "IIS" server option**

👉 **Note:** With this release, the **Is secure server** checkbox can be edited while editing the remote content server details.

**URL Format**

`http://<HostName:portNo>/content.security/<Token1/<Token2>/<Token3>/eot/<FileName>`

If the new **IIS** option is selected, then the request to secure the URL to access content on a remote content server is handled by the IIS server. The URL cannot be tampered. The URL expires in a specific time that you can configure, default being 1 hour.

**Limitation**

The URL can be copied or transferred over a network; for example, if User A logs in and get this URL and then transfers it to User B, then User B too can use this URL to access the content in the defined time before URL expiry.

To enable this feature, submit a support request. For assistance, contact your Customer Success Manager.

## Use Case

There is a need to eliminate the dependence on Nginx server for securing content delivery on remote content servers.

Chapter

# 5

# Analytics

**Topics:**


- Recruiting reports can now include the learning data
- Custom fields with Boolean data type in Analytics display Yes/No
- New/Updated attributes

# Recruiting reports can now include the learning data

## How did it work?

The recruiting category didn't include any learning attributes due to which it was not possible to include any learning data (for example: the courses which the candidate has taken) in a recruiting report.

## How does it work now?

Learning attributes are now made available under the Recruiting category and hence a user can now create a recruiting report with the required learning data.

## Use Case

N/A

# Custom fields with Boolean data type in Analytics display Yes/No

## How did it work?

Custom fields in Analytics followed the data type format of corresponding custom fields in Saba Cloud. Resultantly, Analytics displayed all custom fields with Boolean data type as "True" or "False", which was not consistent with the Boolean data type format used by other attributes in Analytics.

## How does it work now?

With this release, Analytics displays the custom fields with Boolean data type as "Yes" or "No" instead of the "True" or "False" in all Analytics filters, during execution from the UI, and during exports and executions via Scheduler. This makes it consistent with other Boolean attributes in Analytics.

## Use Case

N/A

# New/Updated attributes

## System

### How did it work?

N/A

### How does it work now?

The following report attributes are renamed in the System entity:

**Table 4: System Details**

| Old name | New Name |
|---|---|
| Role Domain | Role Assignment Domain |

The following report attributes are added to the System entity in Saba Analytics:

**Table 5: System Details**

| Dimension Name | Attribute Name | Attribute Type | Dashboard | Description |
|---|---|---|---|---|
| Security | Role Domain | Dimen~ sion | Available | Domain on which the security role is created |

### Use Case

N/A

## Analytics

### How did it work?

N/A

### How does it work now?

The following report attributes are renamed in the Analytics entity:

**Table 6: Analytics Details**

| Old name | New Name |
|---|---|
| Last Run On | Last Schedule Run Date |

### Use Case

N/A

## Talent Pool

### How did it work?

N/A

### How does it work now?

The following report attributes are renamed in the Talent Pool entity:

**Table 7: Talent Pool Details**

| Old name | New Name |
|---|---|
| Accepted Candidates | Active Candidates |
| Candidates On Hold | Candidates Not Accepted |

### Use Case

N/A

# Chapter 6

# Performance

**Topics:**


- Translated notifications for Feedback service
- Updated description for Feedback from others and MRA business rule under Skills & Reviews service

# Translated notifications for Feedback service

## How did it work?

The **Reviews** service included notifications for both, performance reviews and feedbacks.

## How does it work now?

The new notifications related to the **Feedback** service are removed from the **Reviews** service and made available in the **Feedback** service. These new notifications are now translated and they will appear accordingly based on the applied locale.

## Use Case

The notifications related to Feedback are moved under the **Feedback** service to avoid any confusions and get translated correctly based on the applied locale.

# Updated description for Feedback from others and MRA business rule under Skills & Reviews service

## How did it work?

The description of **Feedback from others and MRA** business rule under the **Skills** service was unclear and confusing.

## How does it work now?

The description has now been changed to **Feedback from others and MRA (This business rule is governed by the Feedback service under Performance@Work.To enable Feedback service, submit a Support request.)** which means that this business rule will be made available only when the **Feedback** service under **Performance@Work** is enabled. The same change has been made to the same business rule that is under **Performance@Work** > **Reviews** service.

## Use Case

The description for the bussiness rule is modified to have a clear understanding about it.

# Chapter 7

# Talent

**Topics:**


- Drag and drop members to N-box

# Drag and drop members to N-box

## How did it work?

The talent admin could plot the members in N-box but could not drag and drop the members in N-box.

## How does it work now?

The manager and talent admin can now drag and drop the members in N-box which is invoked through the following clickpaths:

- MY TEAM > Talent > Talent Dashboard > Bench view > Compare > N-box
- MY TEAM > Talent > Talent pool > Bench view > Compare > N-box
- MY TEAM > Talent > Talent pool > Pool wizard > 3rd and 5th tab > Compare > N-box
- ADMIN > Talent > Talent Dashboard > Employee's bench view > Compare > N-box
- ADMIN > Talent > Talent Pools > Person's bench view > Compare > N-box
- ADMIN > Talent > Talent Pools > Create pool > New pool's details page > Compare > N-box
- ADMIN > Search > Talent Search > Person's bench view > Compare > N-box
- ADMIN > Search > Job Search > Job's bench view > Compare > N-box

If a talent admin drags and drops more than 20 people in n-box, then the admin will receive the successfull or failure message through the notification.

## Use Case

The talent admin has now been given the privilege to drag and drop the people in n-box.

# Chapter 8

# Recruiting

**Topics:**


- Send Offer notification is now configurable
- Notify candidates who are copied or referred to new requisitions
- Offering component now a viewable privilege on world domain

# Send Offer notification is now configurable

## How did it work?

When a Hiring Team member sent an offer to a candidate, a non-configurable notification was automatically sent.

## How does it work now?

The **Send Offer** notification is now configurable.

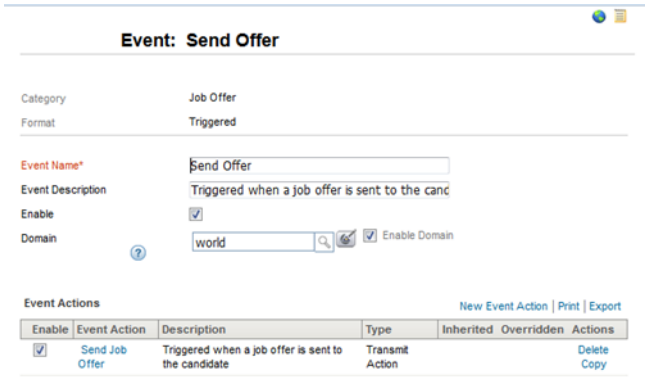



**Figure 13: Configure Send Offer notifications**

The following text is the default message that is sent to candidates:

Hi @JobOffer_JobOffer_Candidate_Name@,

Congratulations! We are pleased to confirm that you have been selected to work as @JobOffer_JobOffer_Req_Title@

Please click here to view the detailed offer letter and to indicate your acceptance of this offer.

Sincerely,

@JobOffer_JobOffer_HR_Partner@

## Use Case

Hiring Team members have control over the notification that candidates receive when they are sent an offer.

# Notify candidates who are copied or referred to new requisitions

## How did it work?

Candidates were notified when they were **referred** to new requisitions (new candidate profile would be created), but not when their profiles (one that already existed) were **copied** to new requisitions.

## How does it work now?

Candidates now receive a notification when administrators copy candidate profiles to new job requisitions that match their profile.

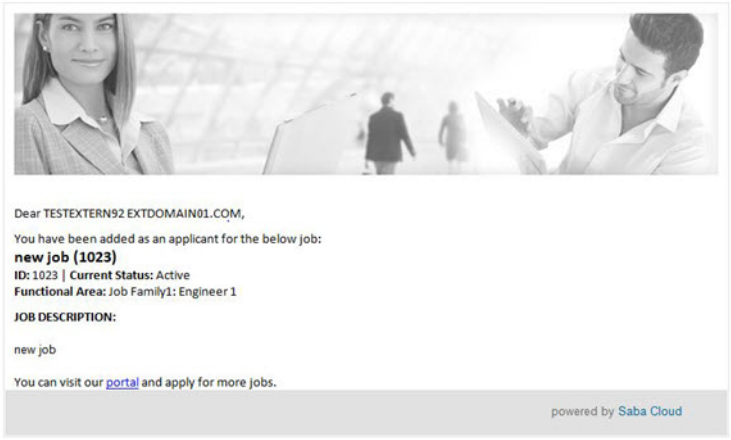



**Figure 14: Sample notification to candidates**

## Use Case

Candidates who already exist in the systems are notified when recruiters copy (add) their profile to another position in the company that has opened up and matches their profile.

# Offering component now a viewable privilege on world domain

## How did it work?

External candidates on the world domain cannot view a course without the privilege to do so.

## How does it work now?

Viewing a course has been added to the list of **common privileges** on the **world domain** in the **Offering** component, assuming the following criteria has been met:

- The course is created on the **recruiting** domain, and the audience type is also **recruiting**
- The class assigned to the candidate for the course is also on the **recruiting** domain
- The checklist is created on the **recruiting** domain, and the evaluator is **self**

Admins can review this privilege and others by navigating to **Admin > System > Manage Security > Security Roles > External Person Basic Privileges > Search for Offering Template component**

## Use Case

External candidates can view courses as a part of the recruiting process.