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| Learning document for | **HP ED Services** |

**Project Details**

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| --- | --- | --- | --- |
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|  |  |  |  |  |
| **Prepared by/Date (PM)** |  | **Reviewed by/Date (SQA)** |  | **Approved by/Date (DM)** |

**List of Reference Documents**

|  |  |
| --- | --- |
| **Name** | **Version No.** |
| 1. Learning document | https://hp.sharepoint.com/teams/NewIT/Partners/Wipro/Shared%20Documents/Forms/AllItems.aspx?id=%2Fteams%2FNewIT%2FPartners%2FWipro%2FShared%20Documents%2FED%20services%2FLearning%20document |
| 1. Test Plan | https://hp.sharepoint.com/:w:/r/teams/NewIT/Partners/Wipro/Shared%20Documents/ED%20services/Test%20Plan/HP\_ED\_Testplan\_V1.0.doc?d=wd2e25c1915a0422697cf89cf8558c8e8&csf=1&e=69xvAQ |
| 1. Test case | https://hp.sharepoint.com/teams/NewIT/Partners/Wipro/Shared%20Documents/Forms/AllItems.aspx?id=%2Fteams%2FNewIT%2FPartners%2FWipro%2FShared%20Documents%2FED%20services%2FTest%20case |
| 4. |  |

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# Introduction

Currently View central is providing the LMS capabilities for external partners and end users through Ed services. HP decided to changeover LMS View Central with LMS Docebo.

# Scope of Testing

## Features/Functionalities to be tested

* UI validation
* API validation
* Database testing

# Testing Approach

This document describes

* How we are creating Test data from Docebo UI
* How to validate the API Response
* How to validate Database and ensure the API response is loaded correctly in Database

# API in scope

Below are the API which are in scope for testing

## Manage:

|  |
| --- |
| /manage/v1/orgchart |
| /manage/v1/orgchart/{branch\_id}/users |
| /manage/v1/user |
| /manage/v1/user/{user\_id} |
| /user/fields |

## Learn:

|  |
| --- |
| /learn/v1/location |
| /learn/v1/courses |
| /learn/v1/courses/{course\_id} |
| /learn/v1/catalog |
| /learn/v1/catalog/{catalog\_id} |
| /learn/v1/lp |
| /learn/v1/lp/{lp\_id} |
| /learn/v1/enrollments |
| /learn/v1/survey/[object\_id]/answer |

## API Docs:

|  |
| --- |
| /learningplan/enrollments |
| /iltsessions/listAction |
| /iltsessions/ilt\_course\_status\_count |
| /location/countSessionsByLocation |
| /report/listReports |
| /report/user |
| /report/countRows |
| /report/extractRows |
| /stat/getGenericUserStat |
| /stat/getGenericPlatformStat |
| /user/group\_associations |

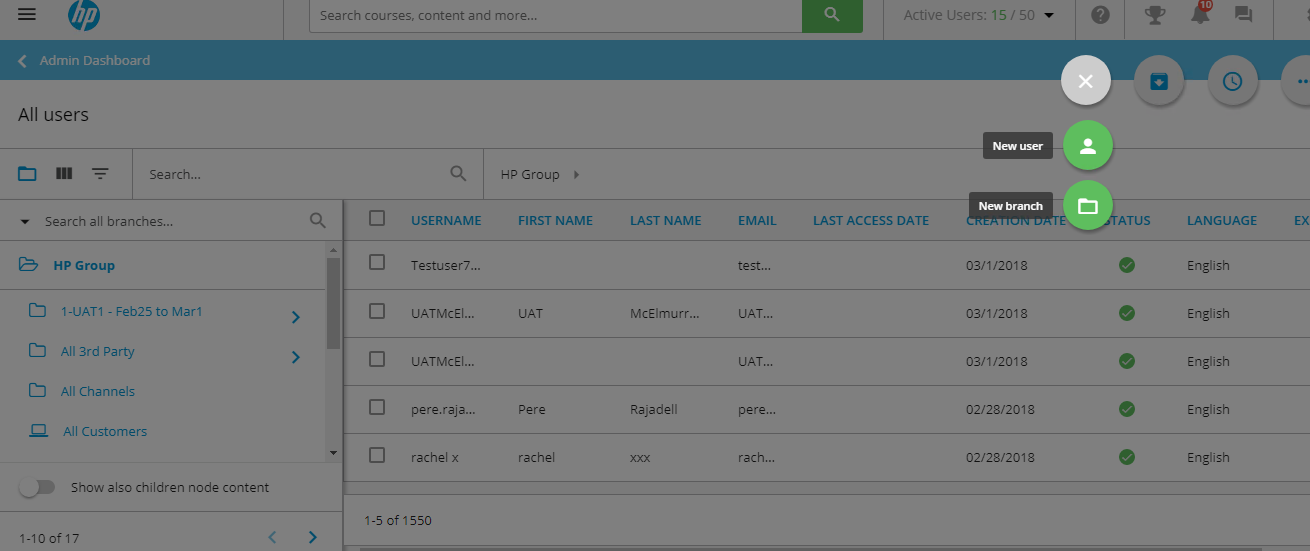
# Manage API

In Manage API we cover below API in details with testing flow.

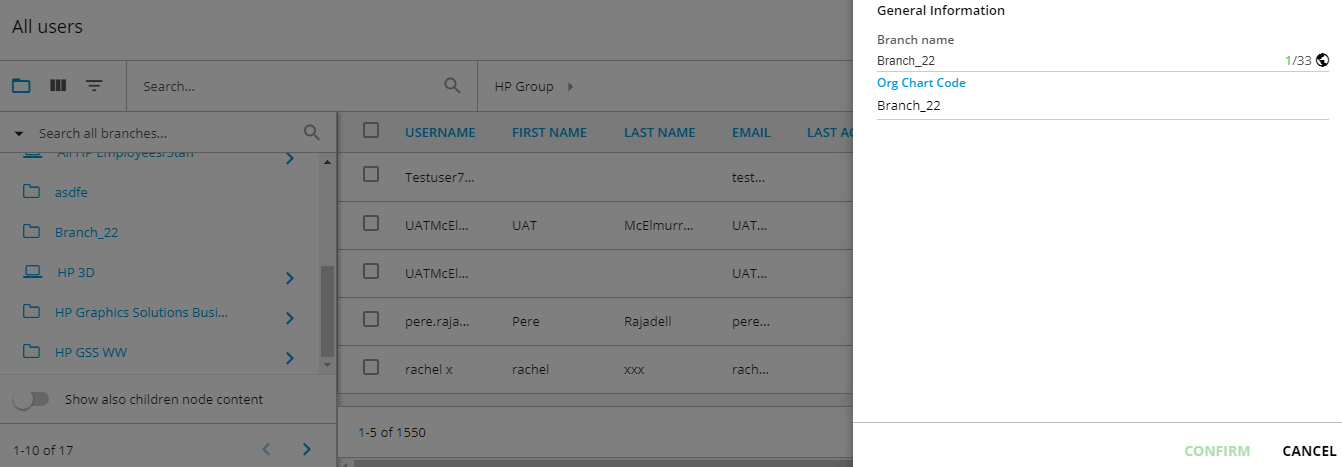
## /manage/v1/orgchart -List of branches of given or root level:

### **Data creation in Docebo UI:**

* Login to Docebo UI
* Navigate to Settings->User and click on + sign to add new branch

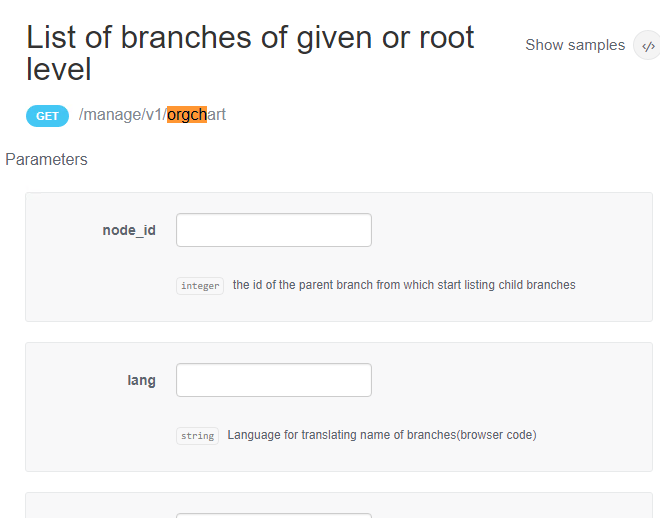


New branch creation

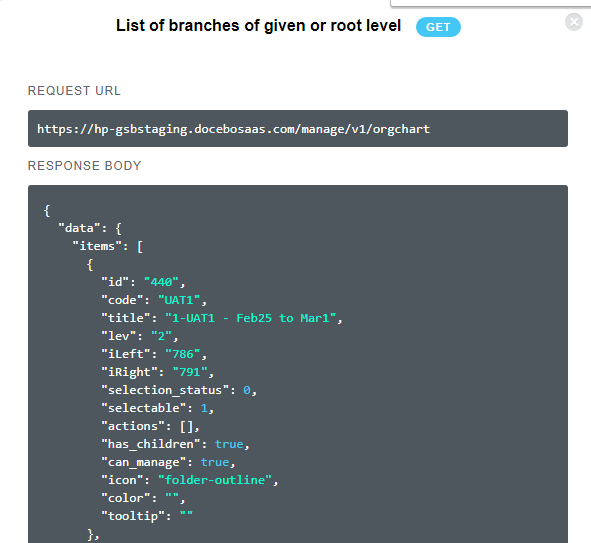


### **API validation:**

* Navigate to API testing tool
* Select , Services: Manage and Token: Enter valid token
* Search for /manage/v1/orgchart

Hit try button

Validate the response and search for newly created branch is available in the response

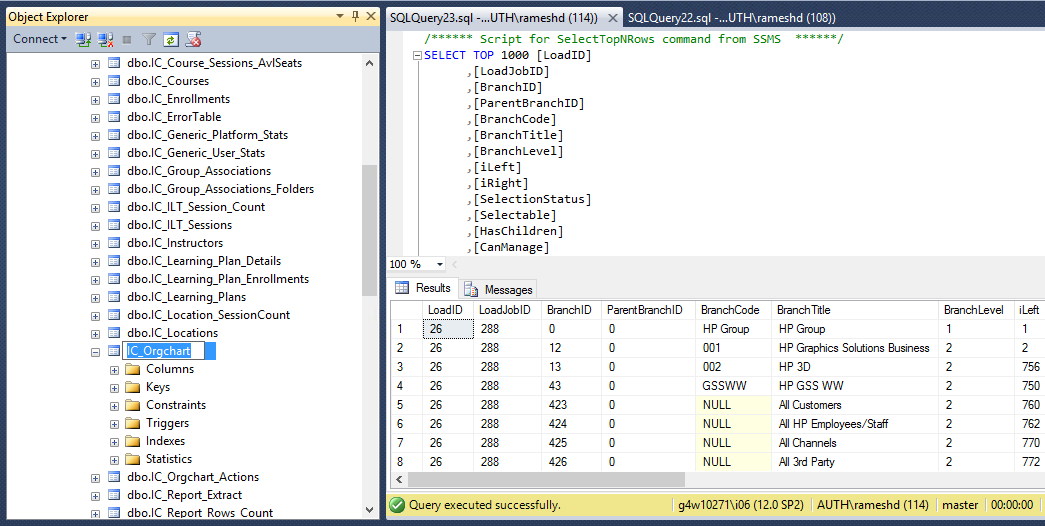


Attached sample json response for complete file:



### **Database validation**

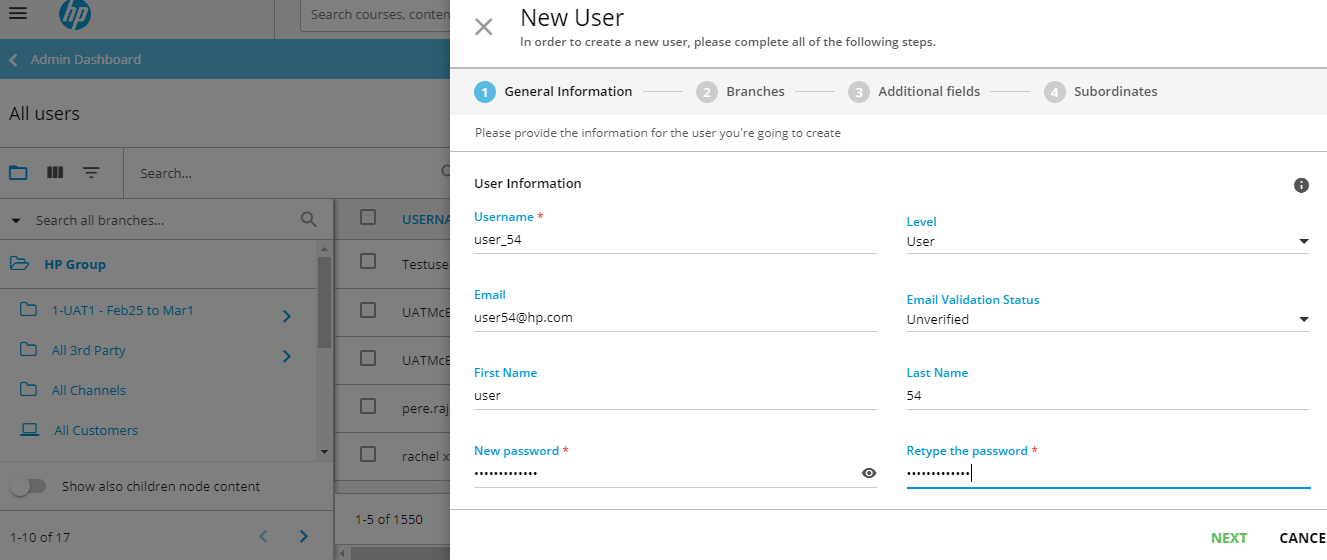
* Login to DB server
* In SSMS , validate the newly added records in [EDServices\_IC].[dbo].[IC\_Orgchart]table
* User list which was available in api response should be available in [EDServices\_IC].[dbo].[IC\_Orgchart]table

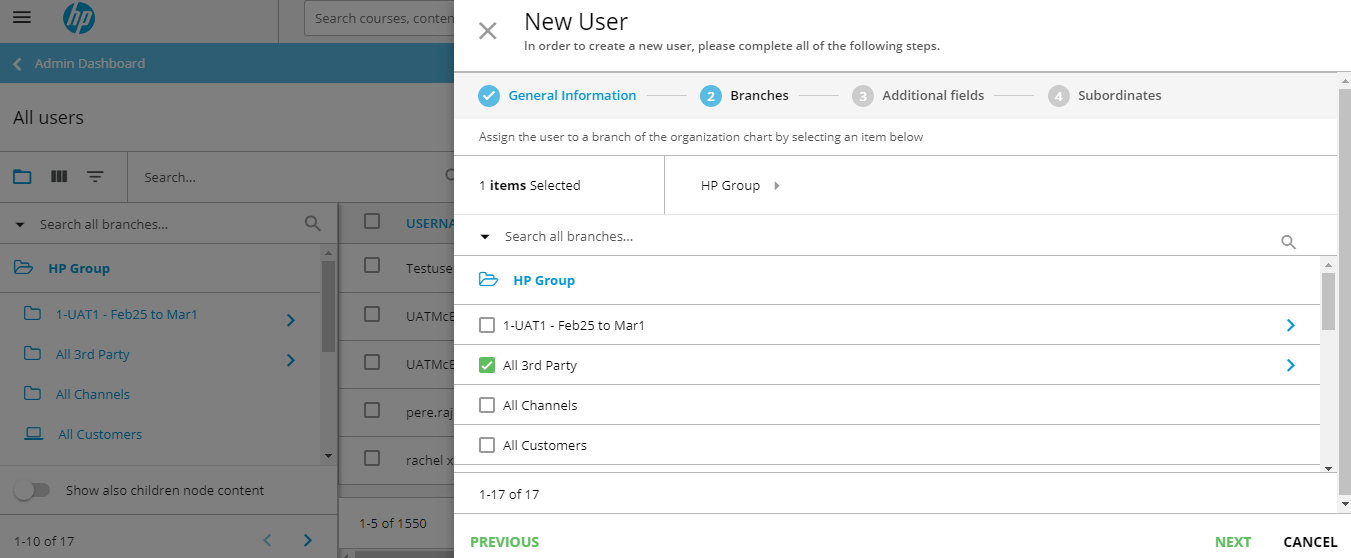


## /**manage/v1/orgchart/{branch\_id}/users - Retrieve information about a branch's users.**

### **Data creation in Docebo UI**

1. Login to Docebo UI
2. Navigate to Settings->User and click on + sign to add new USER
3. Add user with all the detail
4. Select the Branch in which the user need to be added
5. Confirm and save the detail





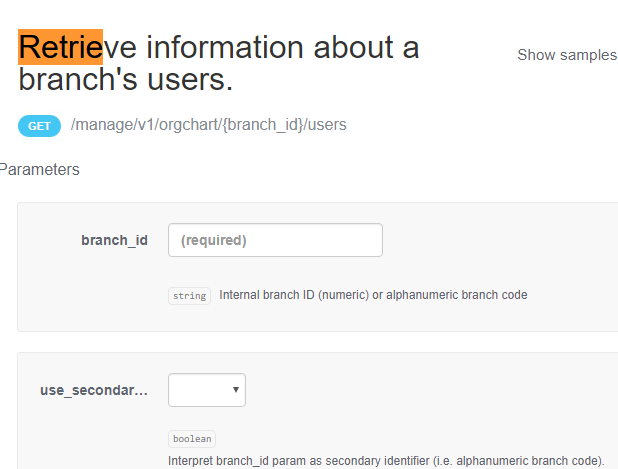
### **API Validation:**

* Navigate to API testing tool
* Select , Services: Manage and Token: Enter valid token

## /manage/v1/orgchart/{branch\_id}/users -search for "Retrieve information about branch user"

### **API Validation**

* Search for branch from /manage/v1/orgchart and get the id , provide the id in /manage/v1/orgchart/{branch\_id}/users Hit Try button and validate the data

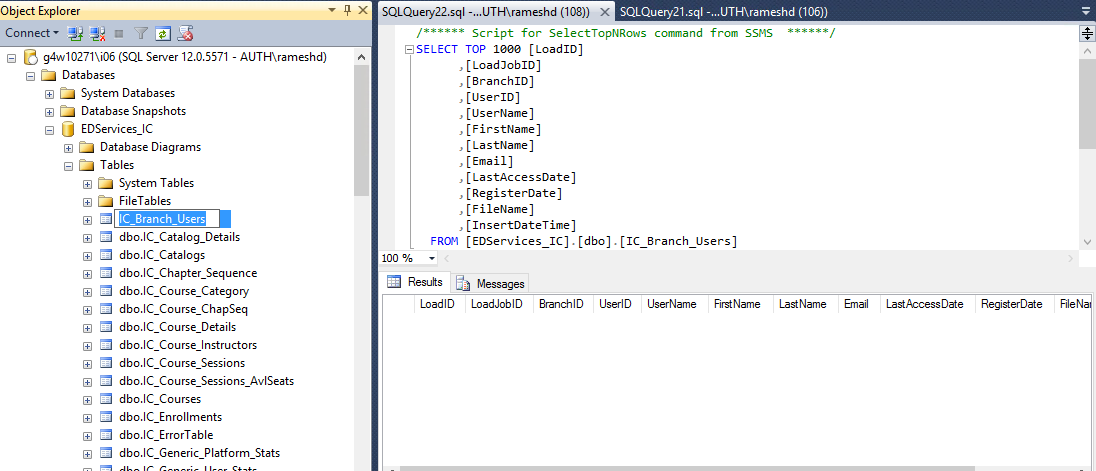


Sample api response for branch\_id/users



### **Database validation:**

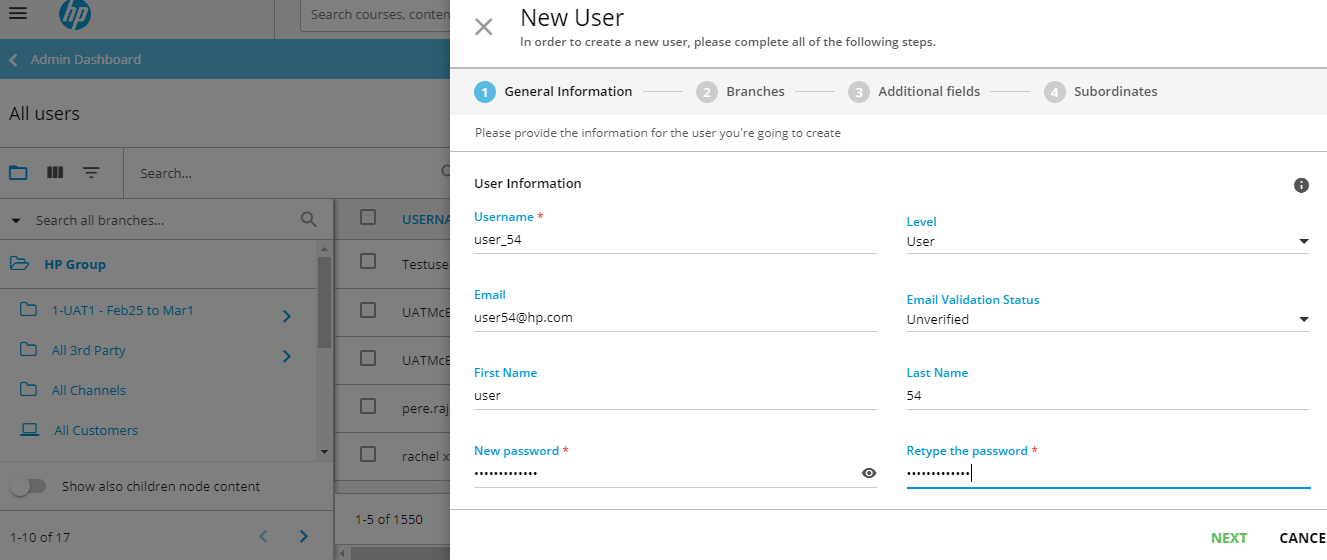
* Login to DB SSMS and validate the newly added records in [EDServices\_IC].[dbo].[IC\_Branch\_users]table

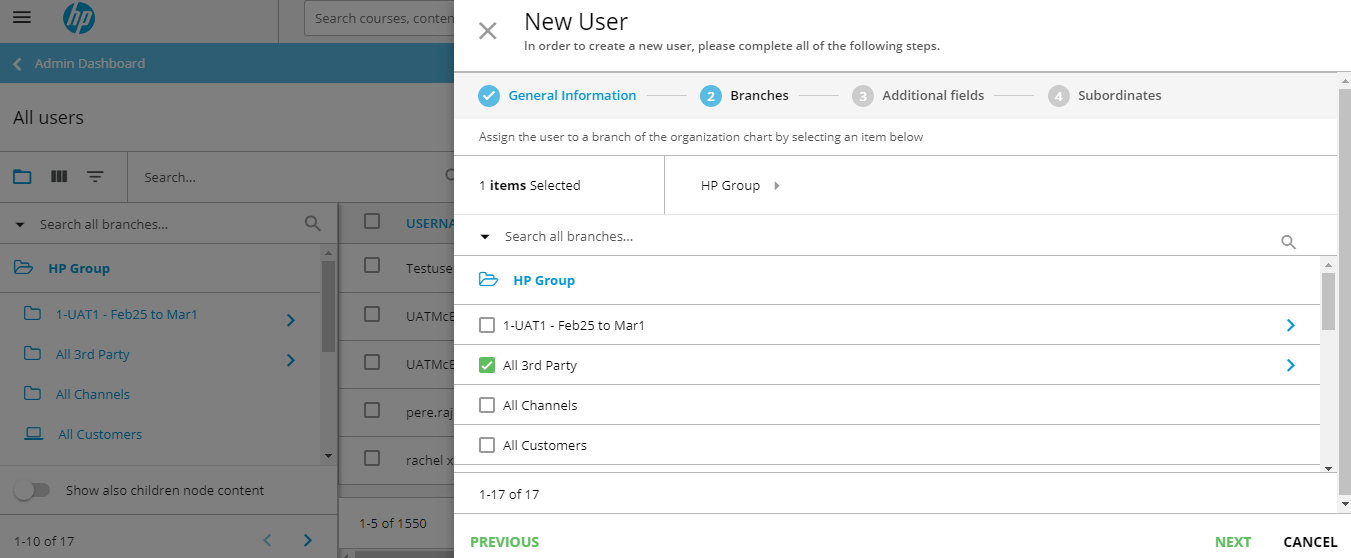


## /manage/v1/user- Returns list of Users

### **Data creation in Docebo UI:**

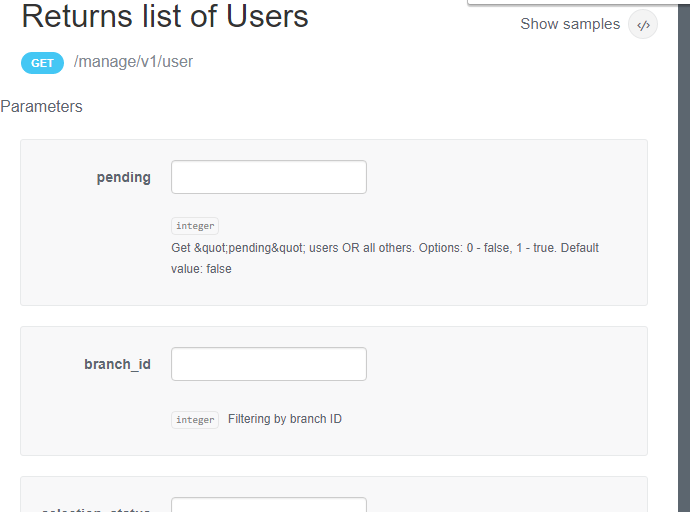
* Login to Docebo UI
* Navigate to Settings->User and click on + sign to add new USER
* Add user with all the detail
* Select the Branch in which the user need to be added
* Confirm and save the detail





### **API Validation:**

* Navigate to API testing tool
* Select , Services: Manage and Token: Enter valid token
* search for " Returns list of Users"
* Validate the newly created user available in response

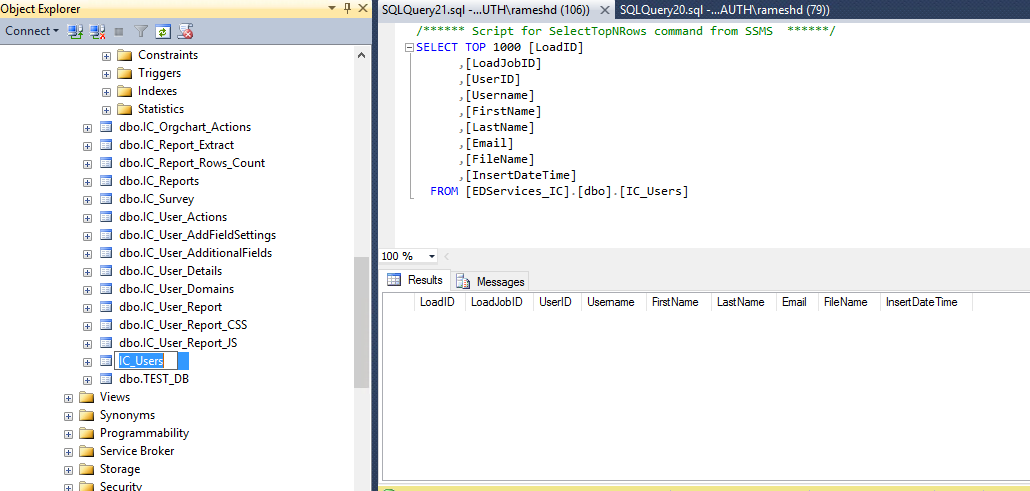


Sample api response for branch\_id/users



### **Database validation:**

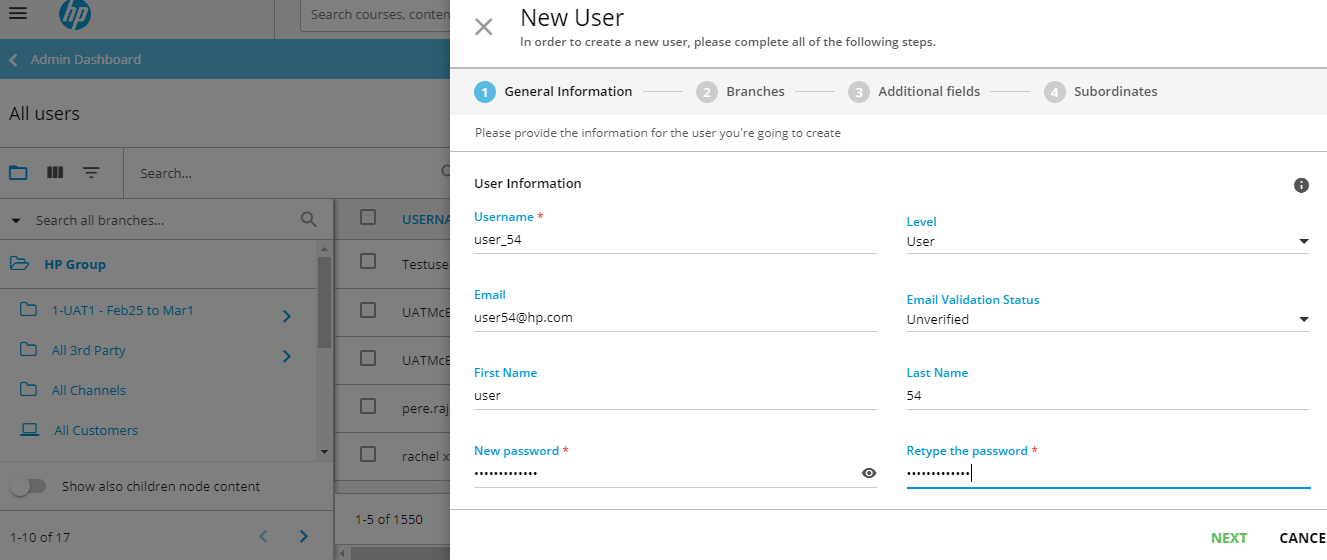
Login to DB SSMS and validate the newly added records in [EDServices\_IC].[dbo].[IC\_Users] table

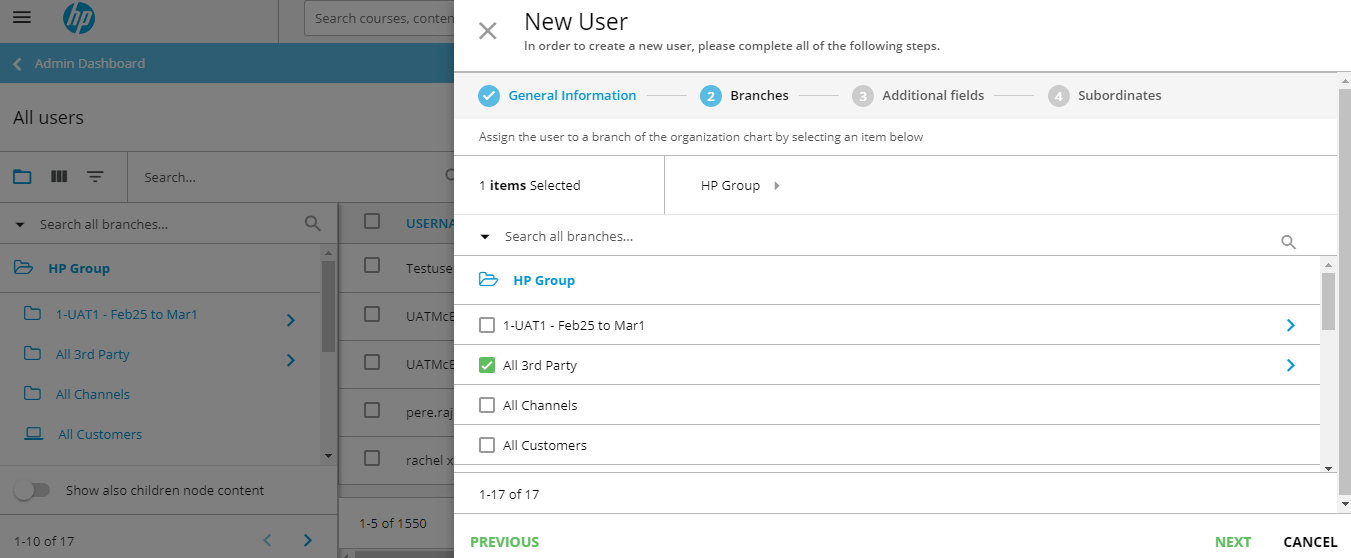


## /manage/v1/user/{user\_id}

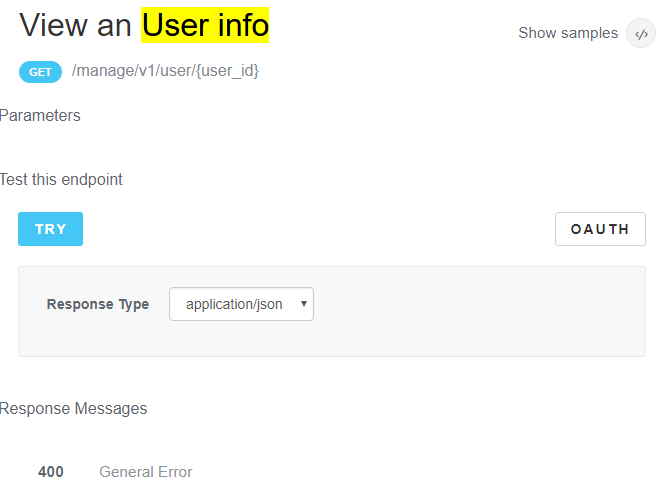
### **Data creation in Docebo UI:**

* Login to Docebo UI
* Navigate to Settings->User and click on + sign to add new USER
* Add user with all the detail
* Select the Branch in which the user need to be added
* Confirm and save the detail





### **API Validation:**

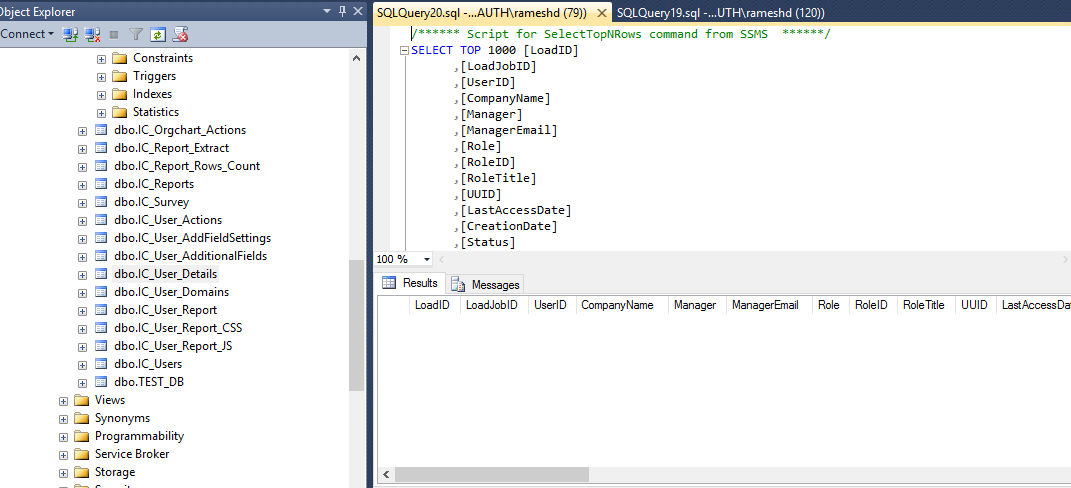
* Navigate to API testing tool
* Select , Services: Manage and Token: Enter valid token
* Search for “view user info”
* Search for newly created user from /manage/v1/user and get the id , provide the id in /manage/v1/user/{user\_id} Hit Try button and validate the data

Sample api response for users



### **Database validation:**

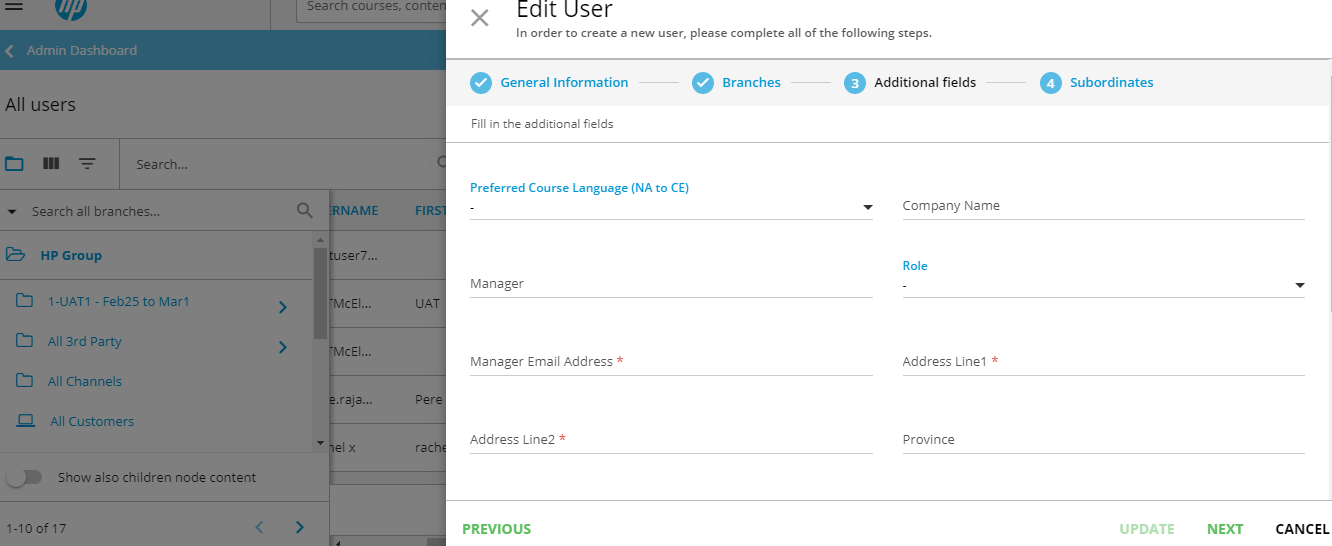
Login to DB SSMS and validate the records in [EDServices\_IC].[dbo].[IC\_User\_Details]table



## Manage/v1/user\_fields

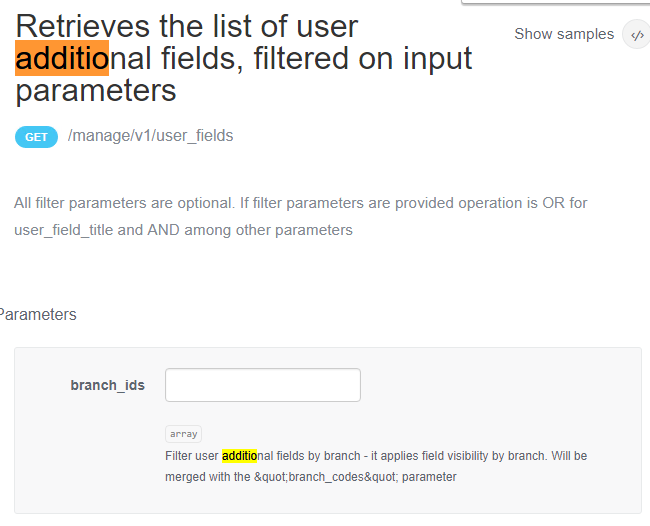
### **Data creation in Docebo UI:**

* Login to Docebo UI
* Navigate to Settings->User and click … and Edit the user, Move to additional field section
* Note down the additional fields



### **API Validation:**

* Navigate to API testing tool
* Select , Services: Manage and Token: Enter valid token
* Search for “manage/user/v1/user\_fields”
* Compare the noted additional fields are displaying correctly in the response

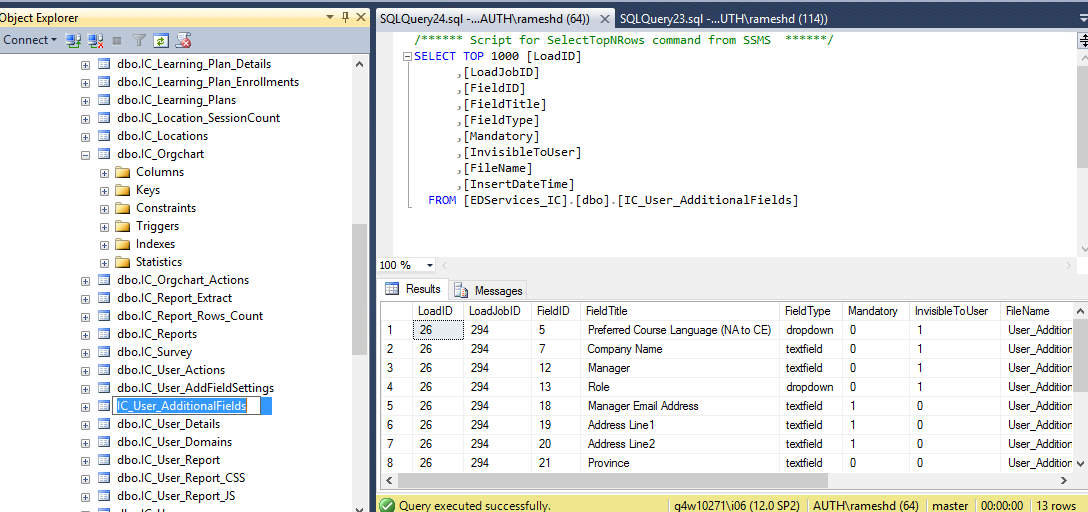


Sample api response for users



### **Database validation:**

Login to DB SSMS and validate the records in [EDServices\_IC].[dbo].[IC\_User\_AdditonalFields]table

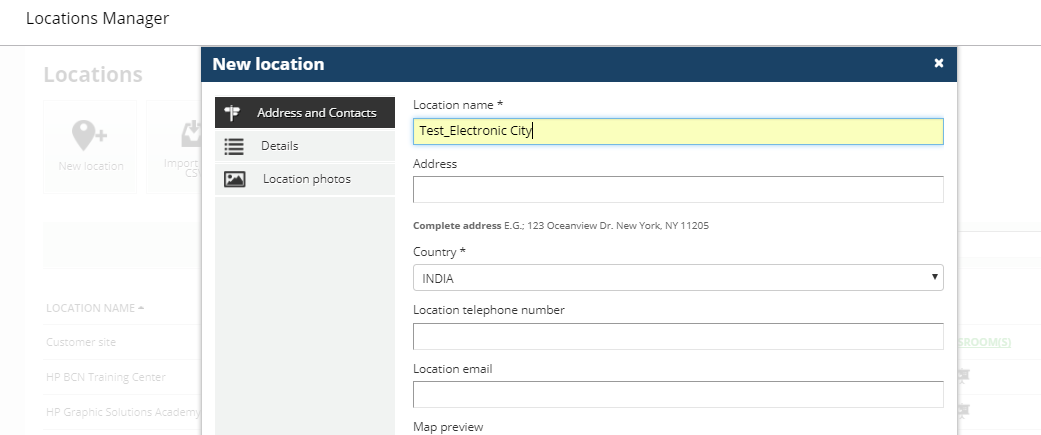


# Learn API

## /**learn/v1/location**

### Data creation in Docebo

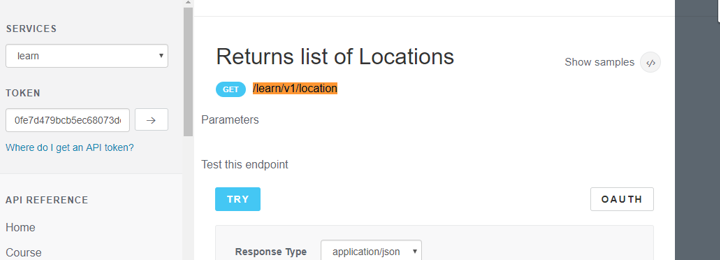
**Location creation in Docebo:** Login to Docebo and add new location->Navigate to Classroom->Locations->Add new location



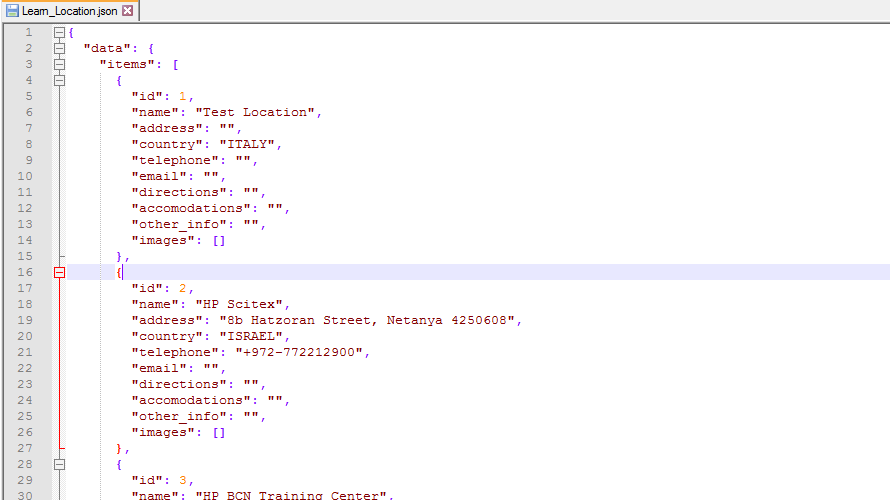
Edit Location-> Navigate to Classroom->Locations->Edit location



### **API Validation**

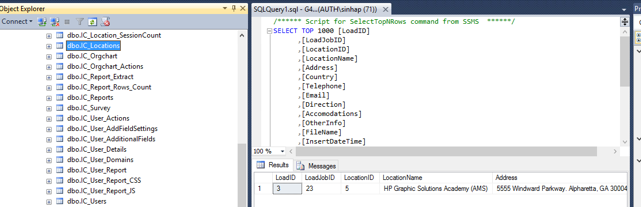
Validate /learn/v1/location API response

**API Response**



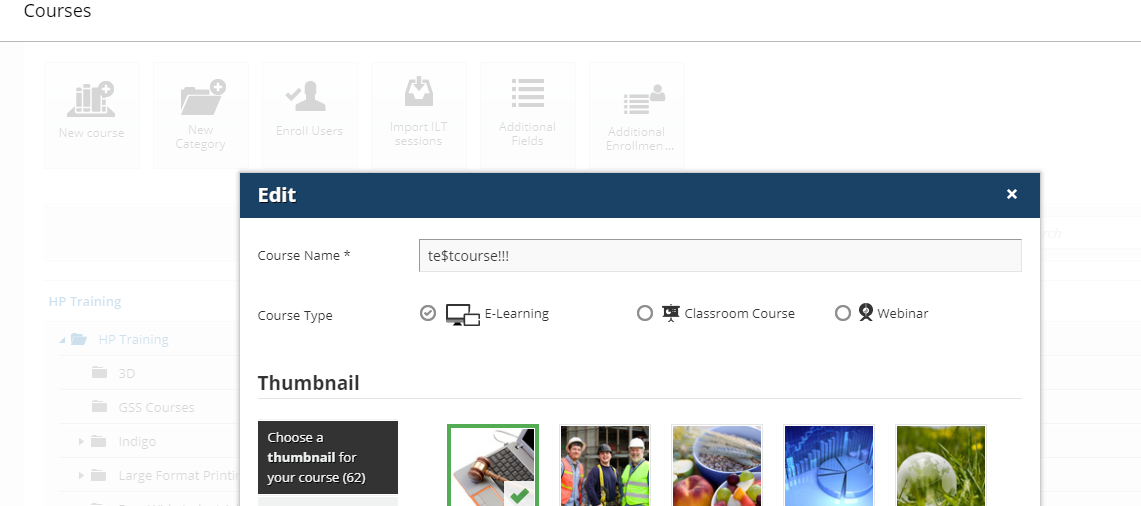
### **Database Validation**

Validate the record in [EDServices\_IC].[dbo].[IC\_Locations] table



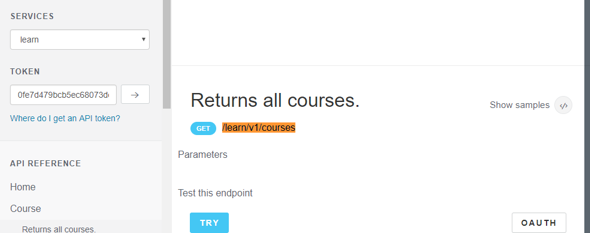
|  |  |  |
| --- | --- | --- |
| **Sl No** | **API List** | **Hlink\_Action** |
| 1.2 | learn | /learn/v1/courses |

**Course creation/edition in Docebo:** Navigate to Classroom->Courses->Add/Edit course



**API Screenshot**

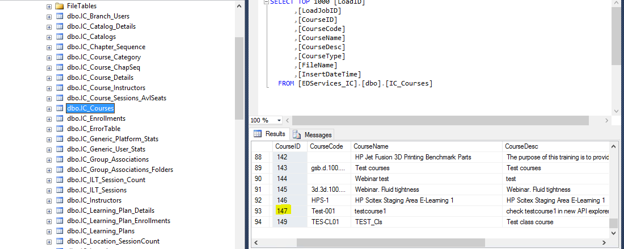
Validate /learn/v1/courses API response





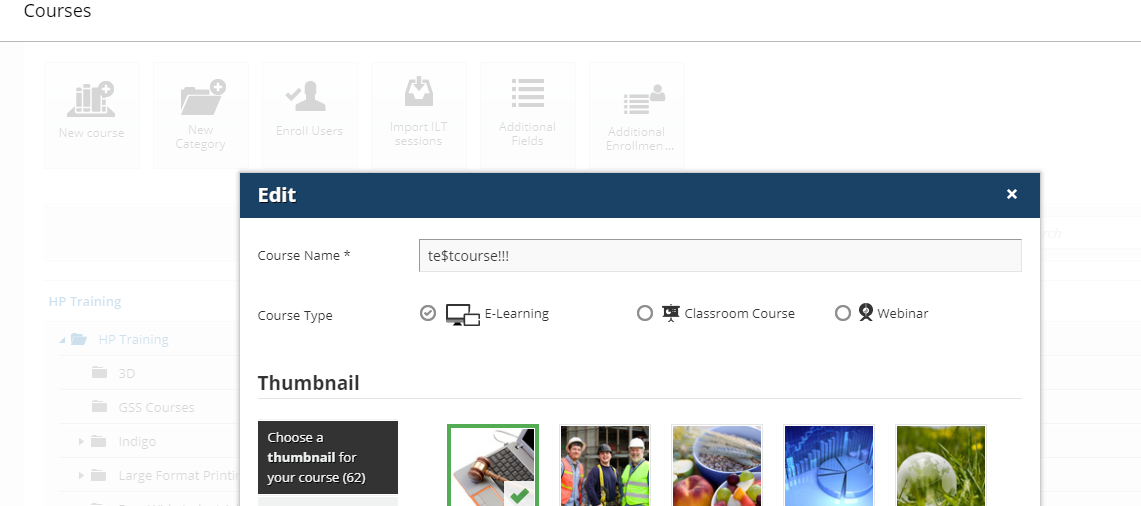
**Database Validation**

Validate the record in [EDServices\_IC].[dbo].[IC\_Courses] table



|  |  |  |
| --- | --- | --- |
| **Sl No** | **API List** | **Hlink\_Action** |
| 1.3 | learn | /learn/v1/courses/{course\_id} |

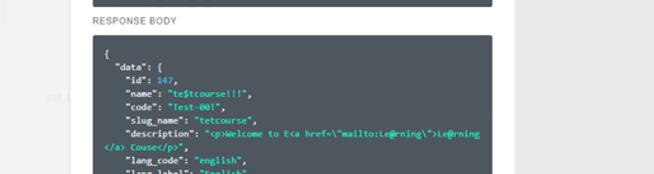
**Course creation/edition in Docebo:** Navigate to Classroom->Courses->Add/Edit course



**API Validation**

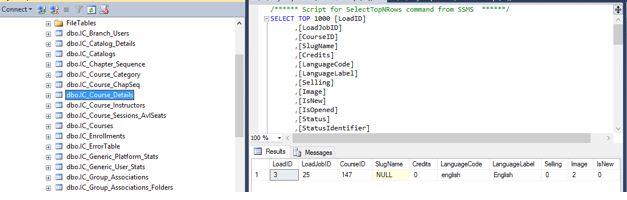
Validate /learn/v1/courses/{course\_id} API response by providing valida course id





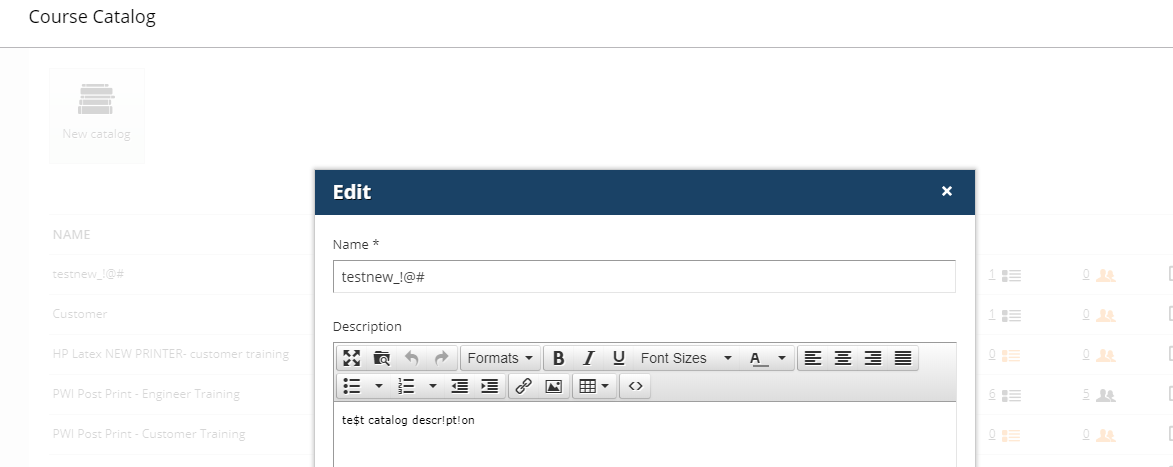
**Database Validation**

Validate the record in [EDServices\_IC].[dbo].[IC\_Course\_Details] table



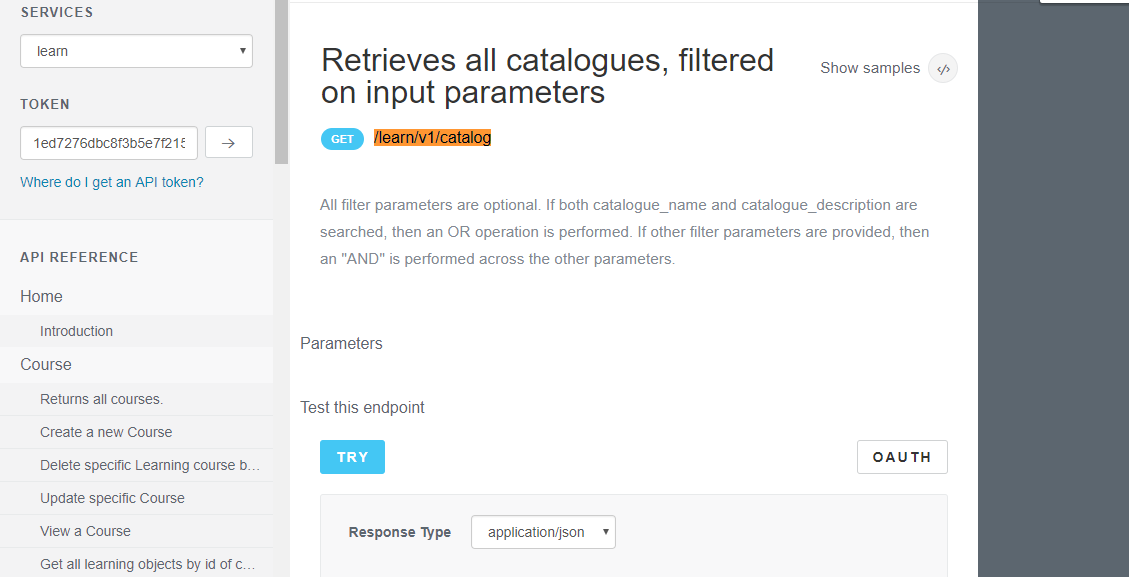
|  |  |  |
| --- | --- | --- |
| **Sl No** | **API List** | **Hlink\_Action** |
| 1.4 | learn | /learn/v1/catalog |

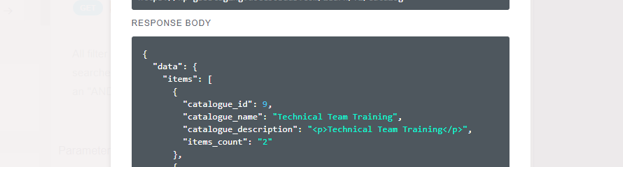
Add/Edit catalog in Docebo: Navigate to Course catalog->Course catalog->Add/Edit catalog



**API Response Validation**

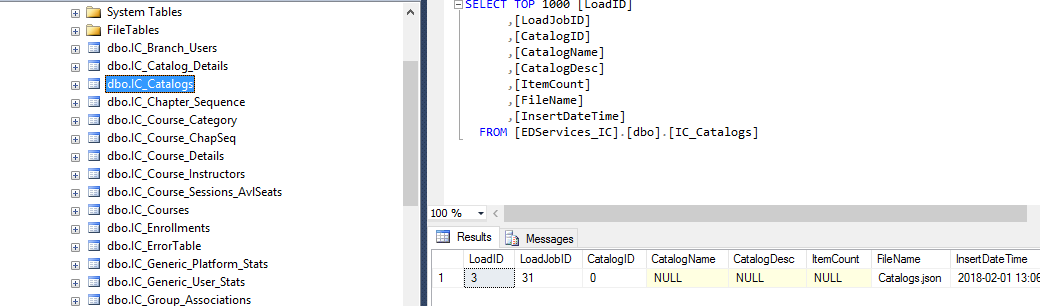
Validate /learn/v1/catalog API response





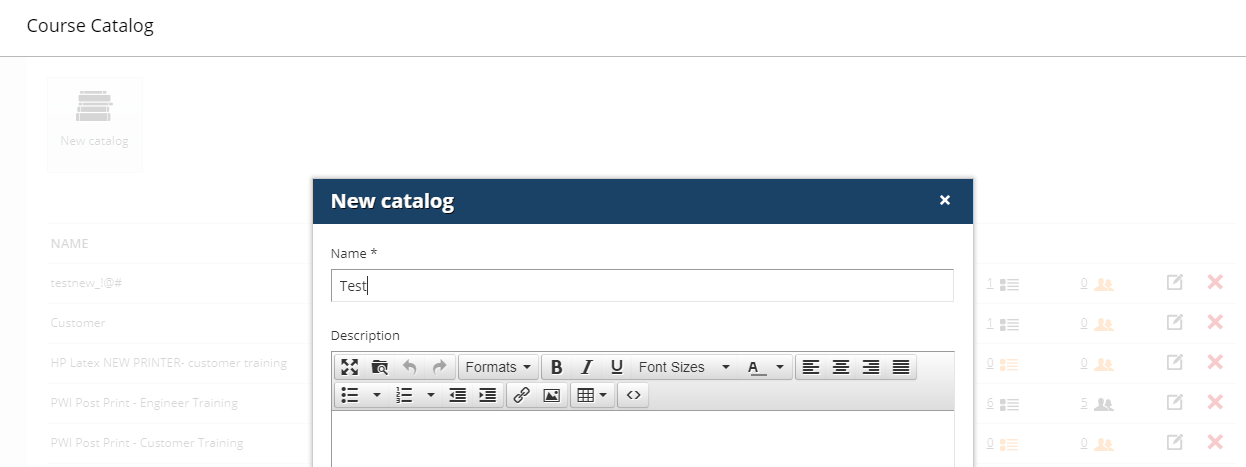
**Database Validation**

Validate the record in [EDServices\_IC].[dbo].[IC\_Catalogs] table



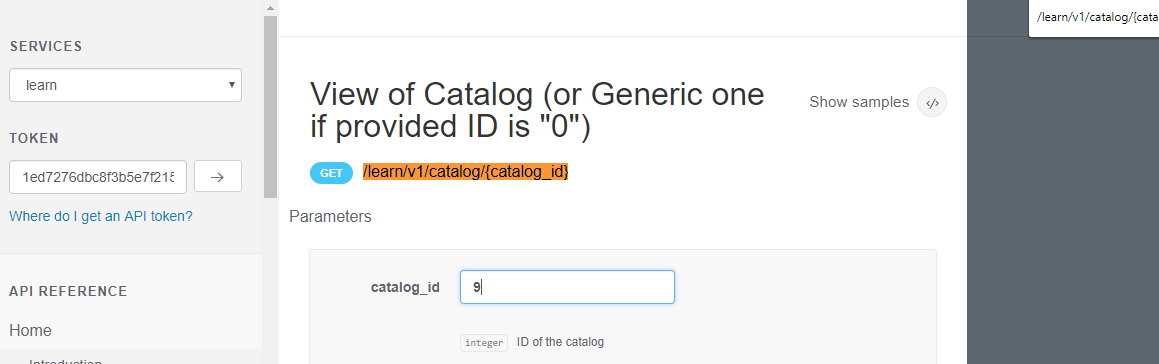
|  |  |  |
| --- | --- | --- |
| **Sl No** | **API List** | **Hlink\_Action** |
| 1.5 | learn | /learn/v1/catalog/{catalog\_id} |

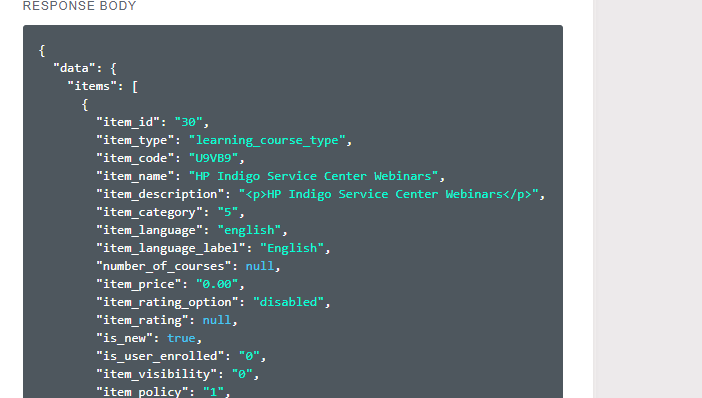
**Add catalog in Docebo:** Navigate to Course catalog->Course catalog->Add new catalog



**API Response Validation**

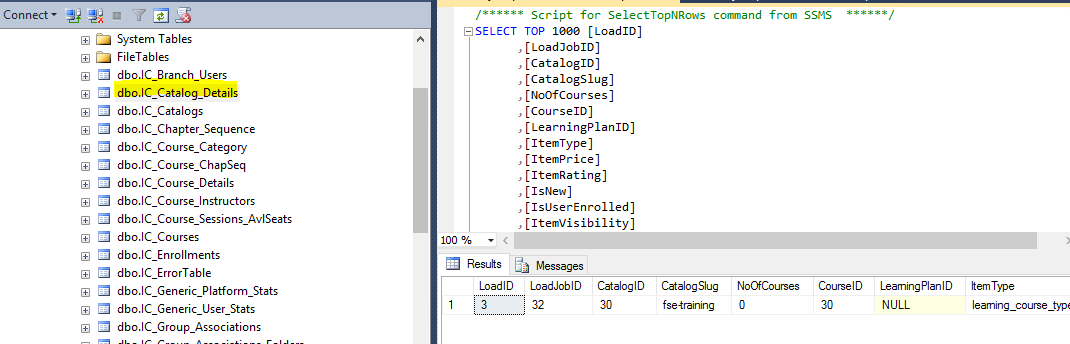
Validate /learn/v1/catalog/{catalog\_id} API response





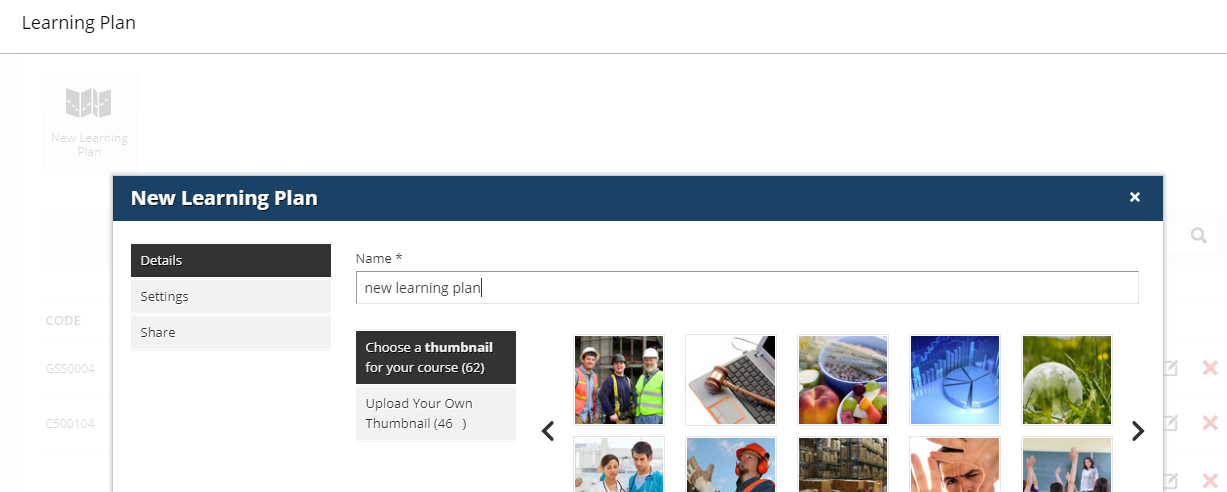
**Database Validation**

Validate the record in [EDServices\_IC].[dbo].[IC\_Catalog\_Details] table



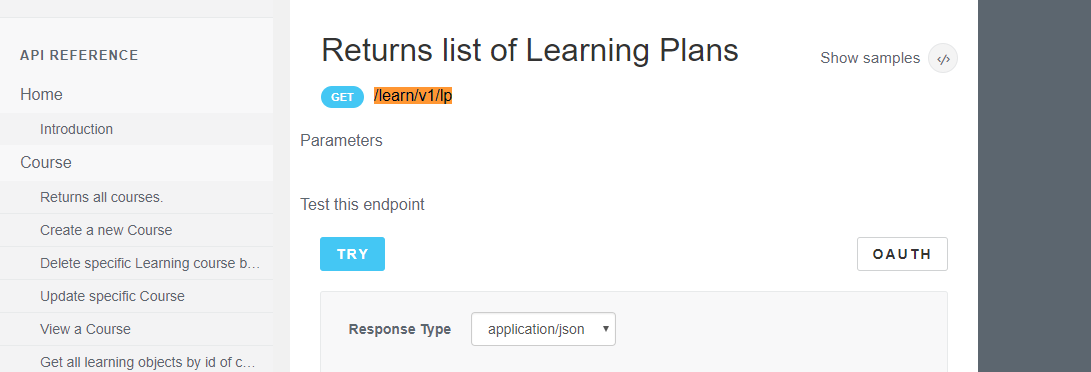
|  |  |  |
| --- | --- | --- |
| **Sl No** | **API List** | **Hlink\_Action** |
| 1.6 | learn | /learn/v1/lp |

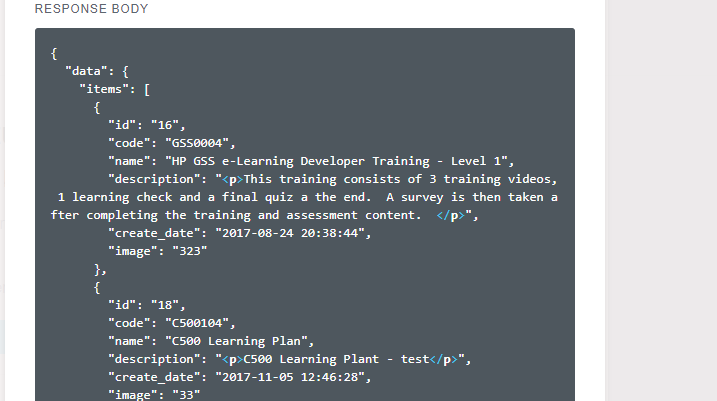
**Create Learning plan in Docebo:** Navigate to Learning Plan->Manage->add new learning plan



**API Response Validation**

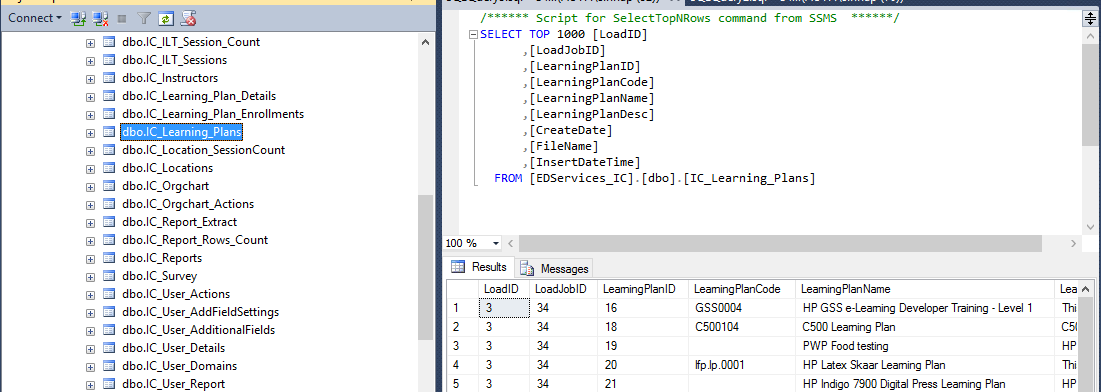
Validate /learn/v1/lp API response





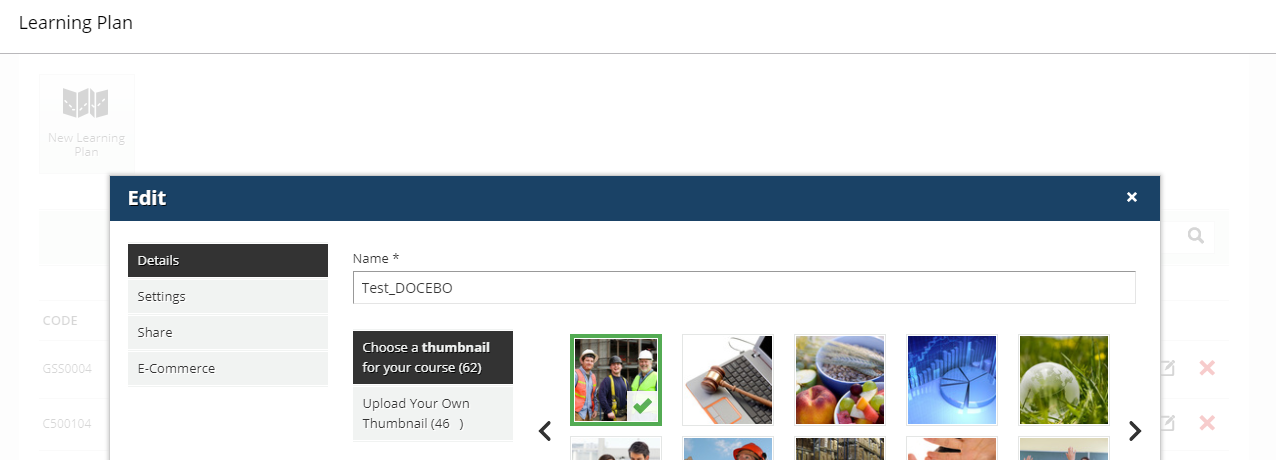
**Database Validation**

Validate the record in [EDServices\_IC].[dbo].[IC\_Learning\_Plans] table



|  |  |  |
| --- | --- | --- |
| **Sl No** | **API List** | **Hlink\_Action** |
| 1.7 | learn | /learn/v1/lp/{lp\_id} |

**Edit learning plan in Docebo: Navigate to Learning Plan->Manage->Edit learning plan**



**API Response Validation**

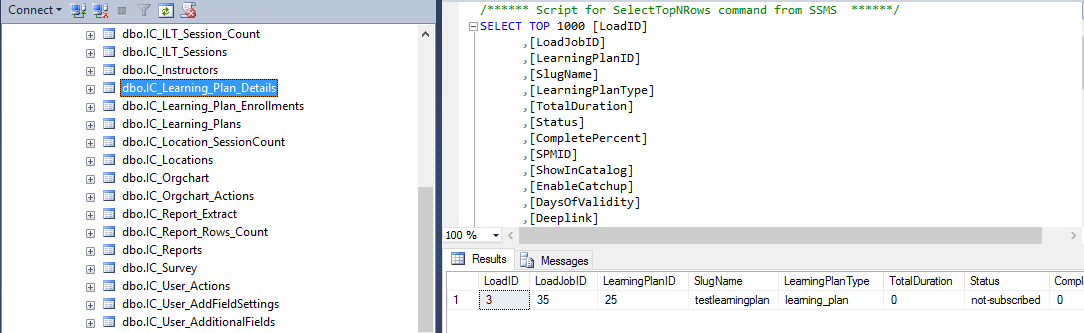
Validate /learn/v1/lp/{lp\_id} API response





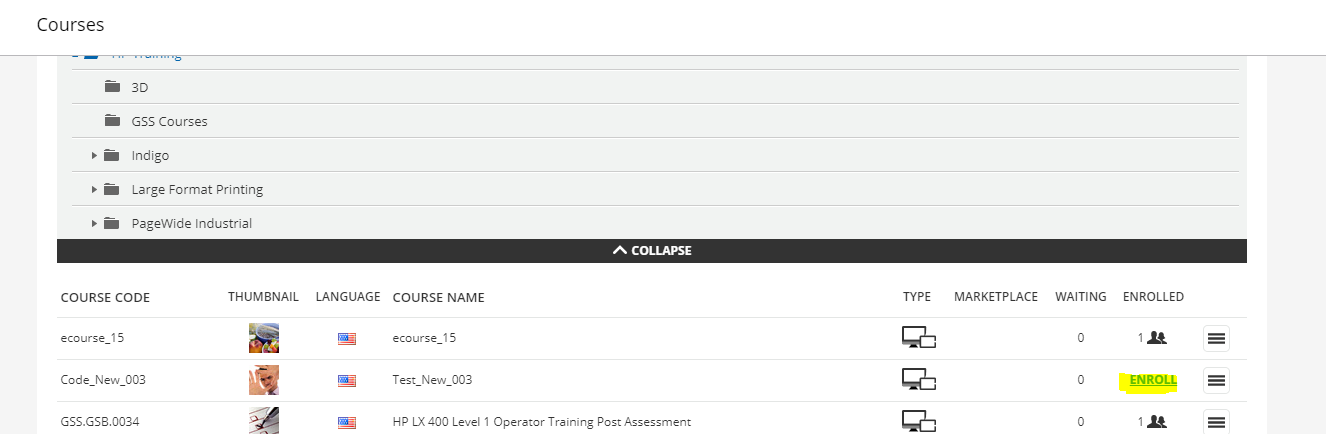
**Database Validation**

Validate the record in [EDServices\_IC].[dbo].[IC\_Learning\_Plan\_Details] table



|  |  |  |
| --- | --- | --- |
| **Sl No** | **API List** | **Hlink\_Action** |
| 1.8 | learn | /learn/v1/enrollments |

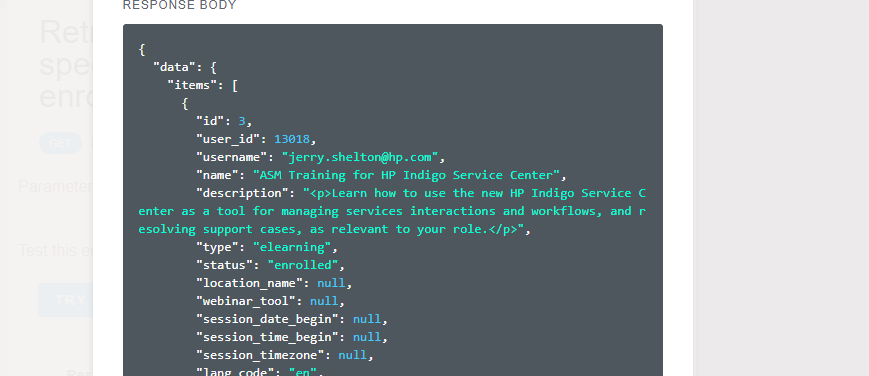
**Enroll a course in Docebo:** Navigate to Courses->Add new E-learning course and Enroll the user to the course



**API Response Validation**

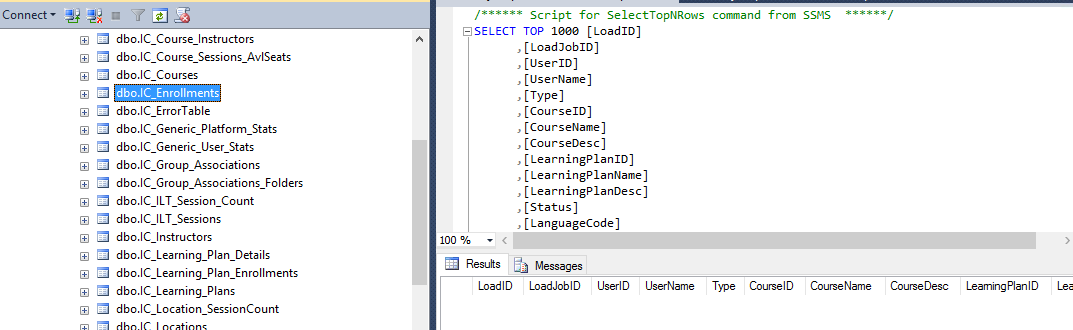
Validate /learn/v1/enrollments API response





**Database Validation**

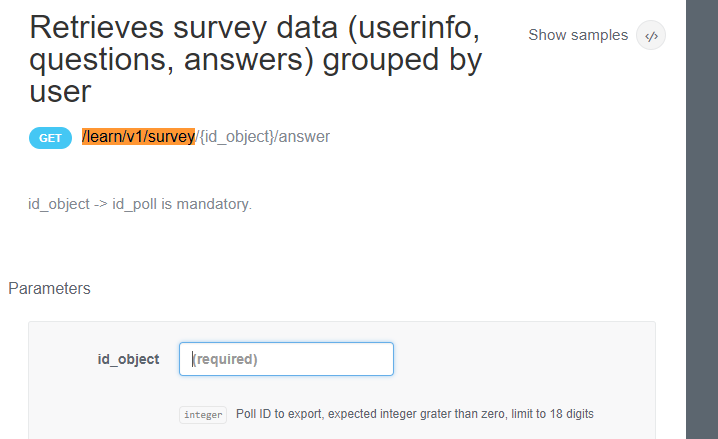
Validate the record in [EDServices\_IC].[dbo].[IC\_Enrollments] table



|  |  |  |
| --- | --- | --- |
| **Sl No** | **API List** | **Hlink\_Action** |
| 1.9 | learn | /learn/v1/survey/[object\_id]/answer |

**API Response Validation**

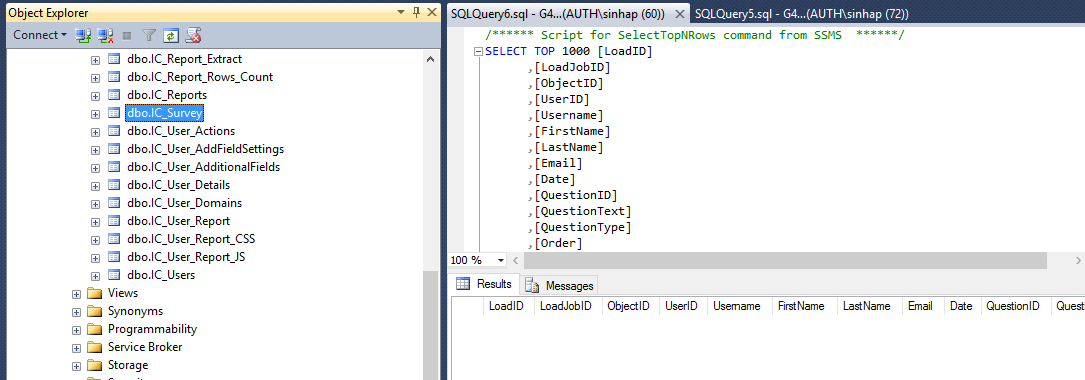
Validate [/learn/v1/survey/{id\_object}/answer](https://hp-gsbstaging.docebosaas.com/api-browser/#!/learn/Survey/Survey_learn_v1_survey_id_object_answer) API response





**Database Validation**

Validate the record in [EDServices\_IC].[dbo].[IC\_Survey] table

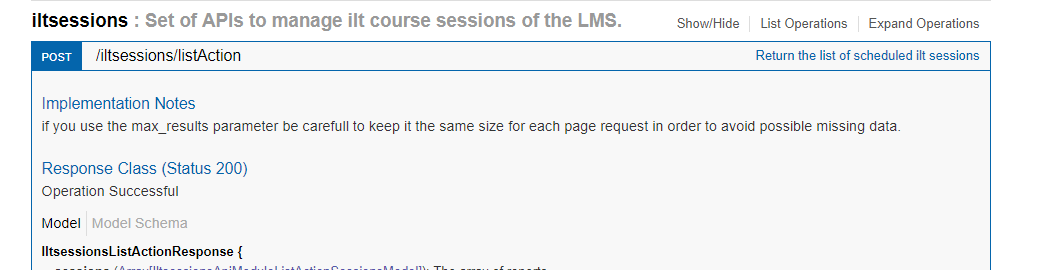


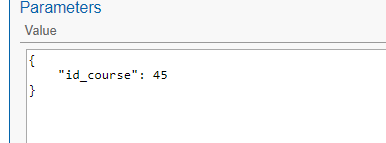
# Docs API

## /iltsessions/listAction

### **API Response Validation**

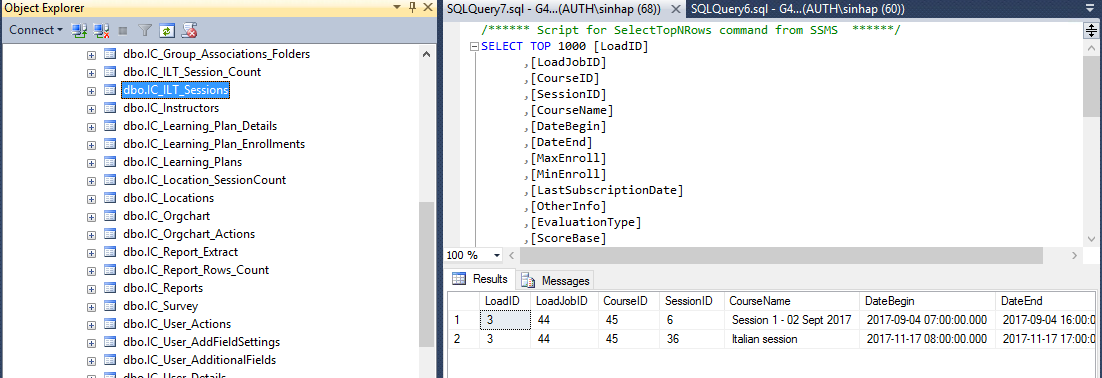
Validate /iltsessions/listAction API response





### **Database Validation**

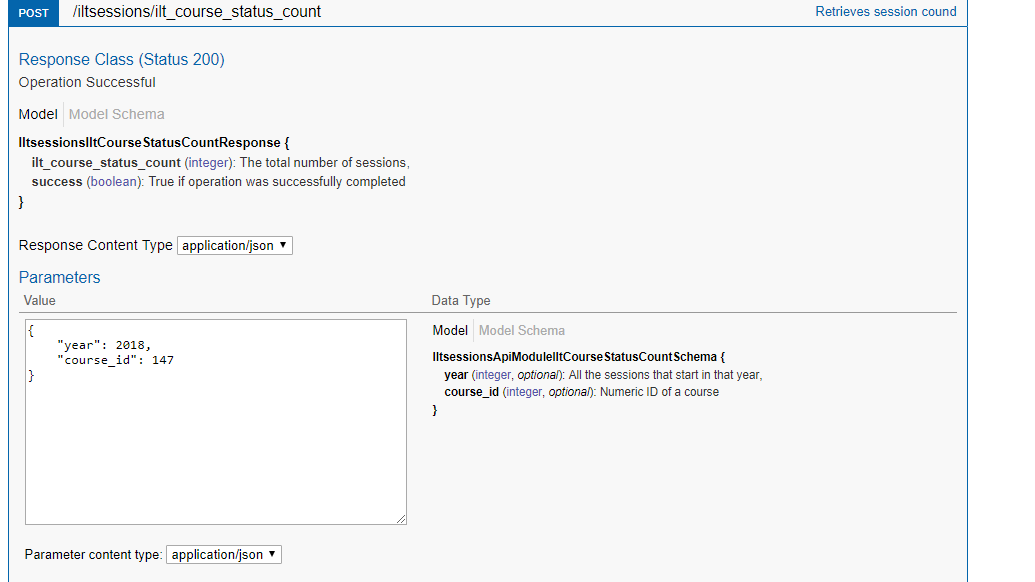
Validate the record in [EDServices\_IC].[dbo].[IC\_ILT\_Sessions] table



## /iltsessions/ilt\_course\_status\_count

### **API Response Validation**

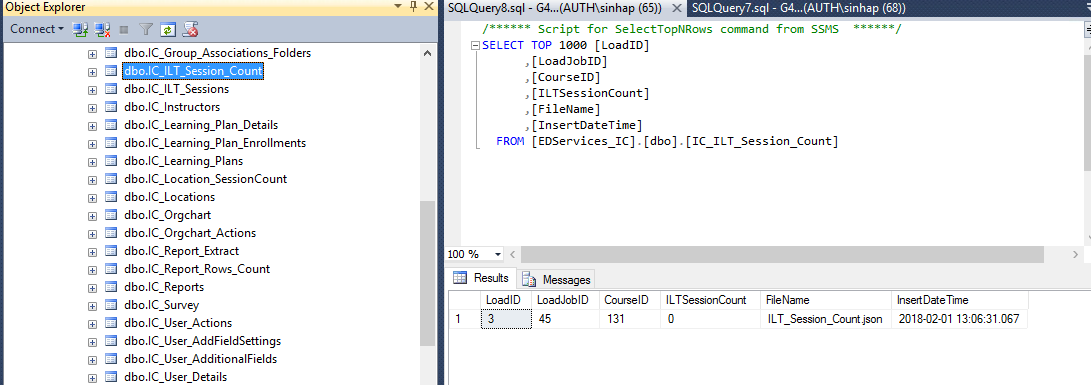
Validate /iltsessions/ilt\_course\_status\_count API response





### **Database Validation**

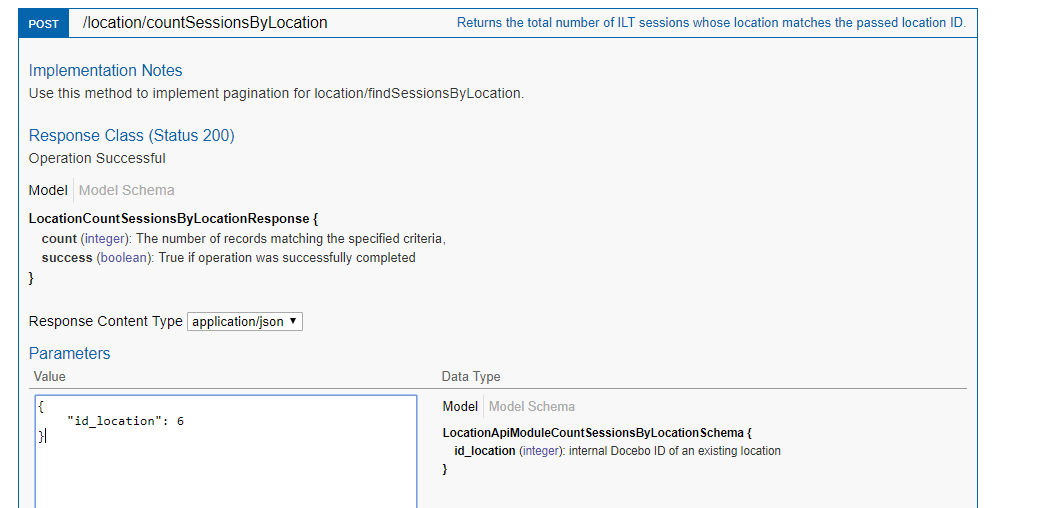
Validate the record in [EDServices\_IC].[dbo].[IC\_ILT\_Session\_Count] table



## /location/countSessionsByLocation

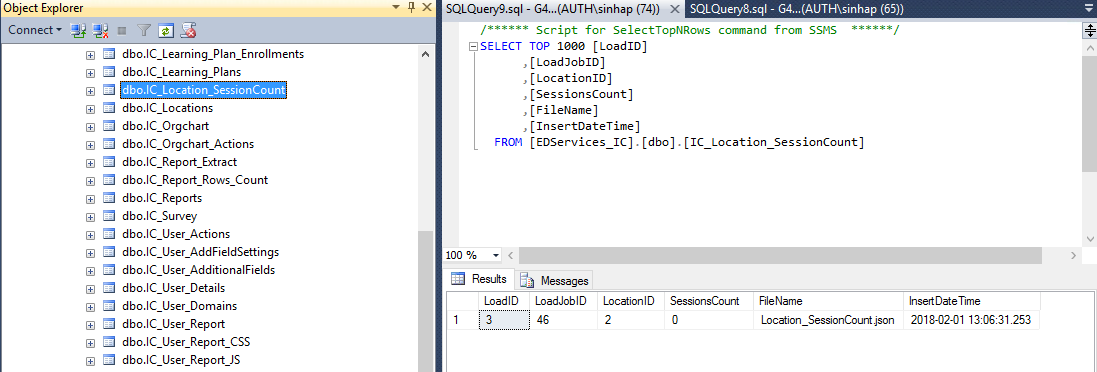
### **API Response Validation**

Validate /location/countSessionsByLocation API response

### **Database Validation**

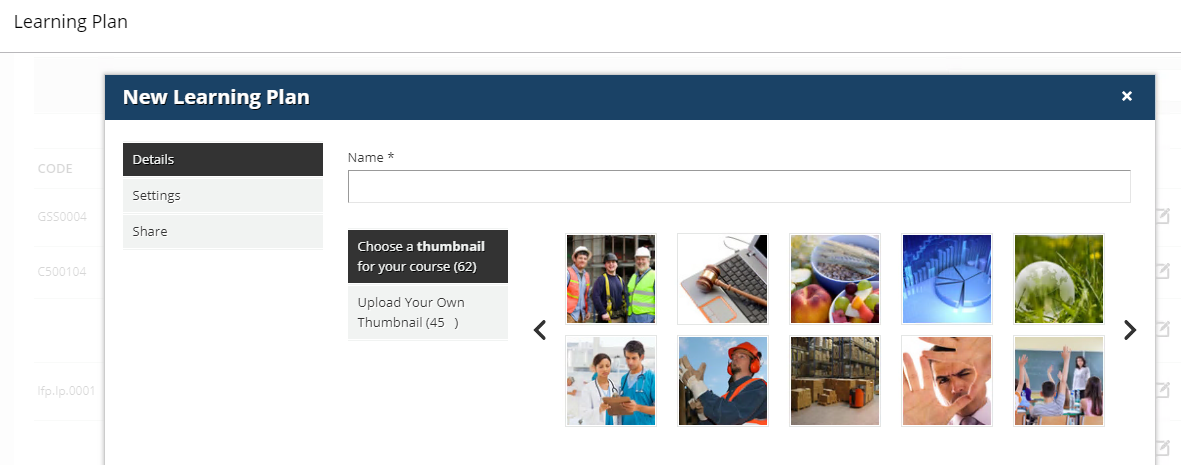
Validate the record in [EDServices\_IC].[dbo].[IC\_Location\_SessionCount] table

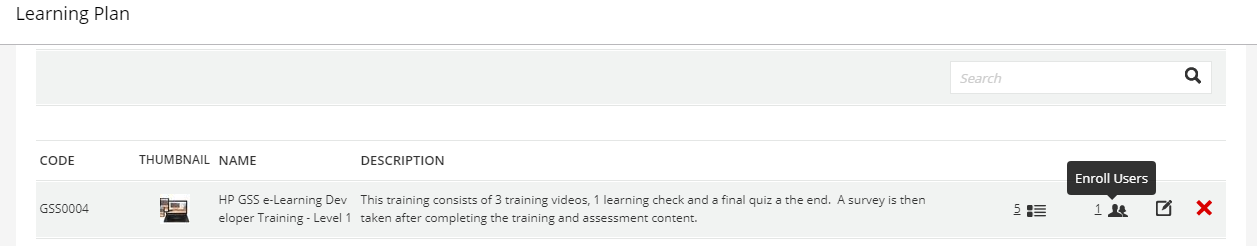


## /learningplan/enrollments

### **Data creation in Docebo:**

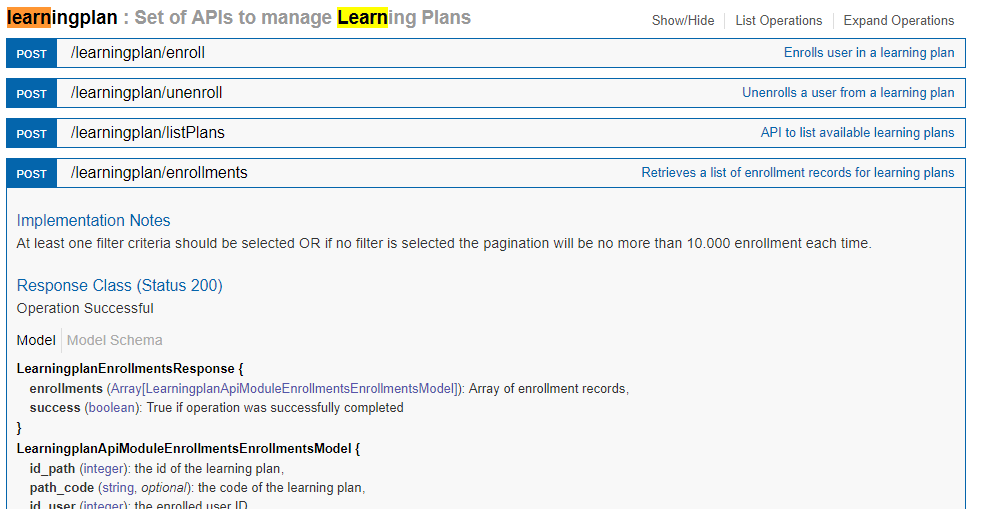
Navigate to Learning Plan->Manage->Add new Learning plan and enroll new users





### API Validation

Navigate to Learning plan->learningplan/enrolment, hit try button and verify the newly created learning plan and enrolled user are displayed in response correctly

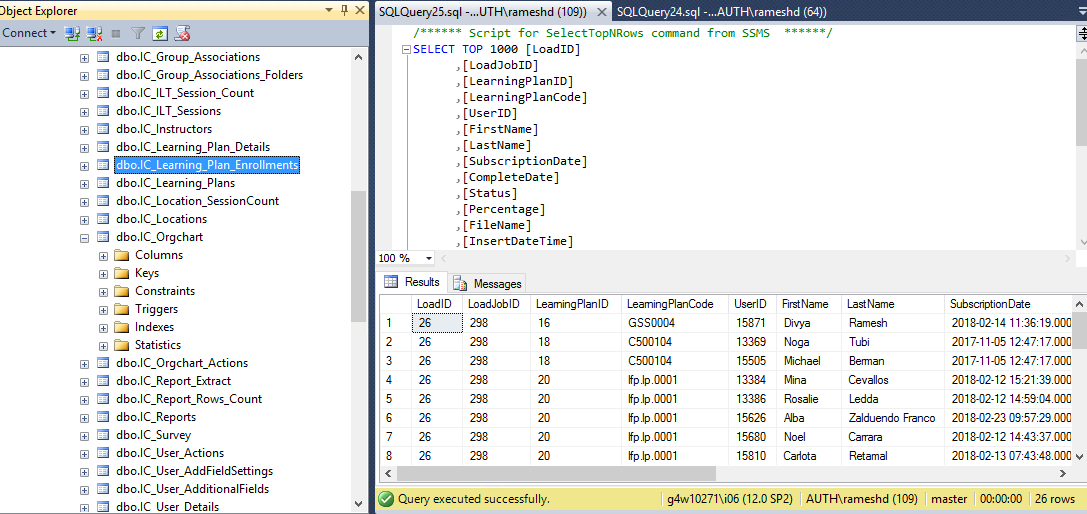


Sample apl response



### Database validation

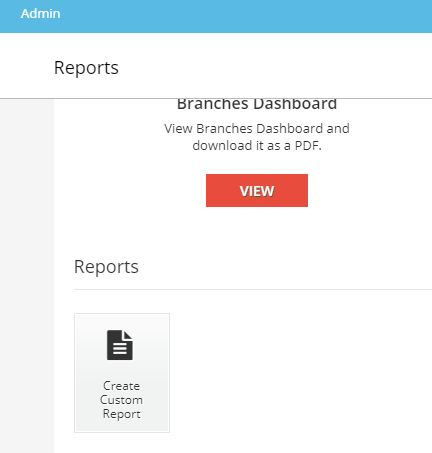
Login to server in SSMS and validate the records in [EDServices\_IC].[dbo].[IC\_Learning\_Plan\_Enrollment] table

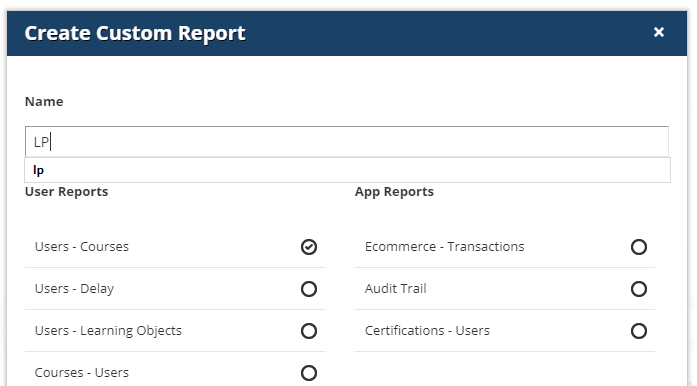


## /report/listReports

### **Data creation in Docebo**

Navigate to Settings->Report and add a new report and fill what details need to be extracted and title of report

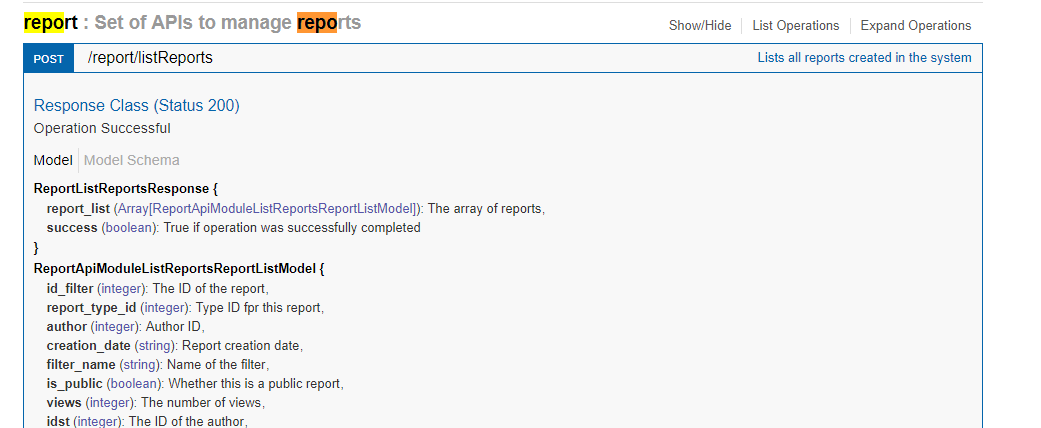




API validation:

Login with valid authentication token in API testing tool and Search for "Report"->/report/list Reports. Try it

Validate the newly created report is available in response

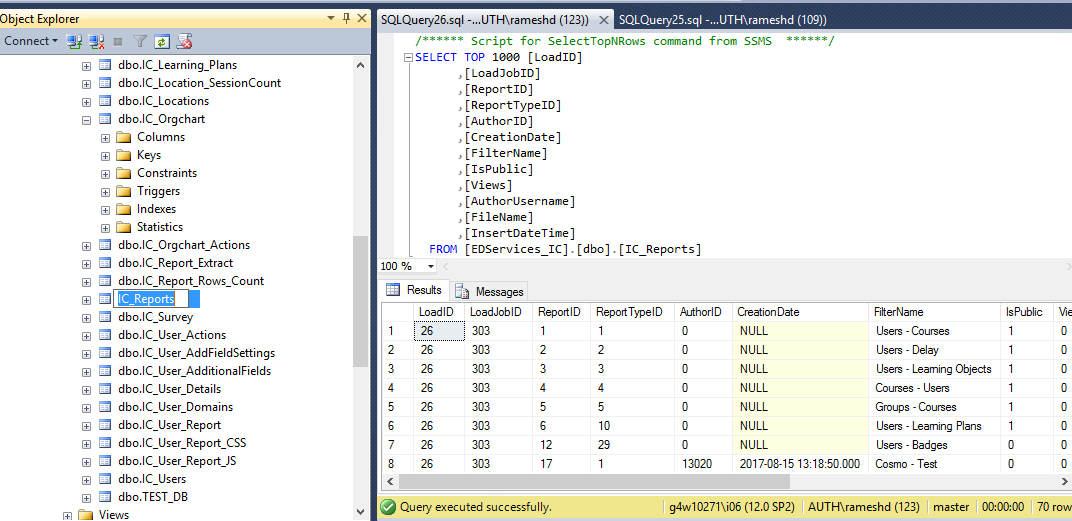


Sample response



### **Database validation**

Login to server in SSMS and validate the records in [EDServices\_IC].[dbo].[IC\_Reports]table



## /report/user

### API Validation

Search for "Report"->Report/user, Enter proper user id and Hit Try button and validate the data

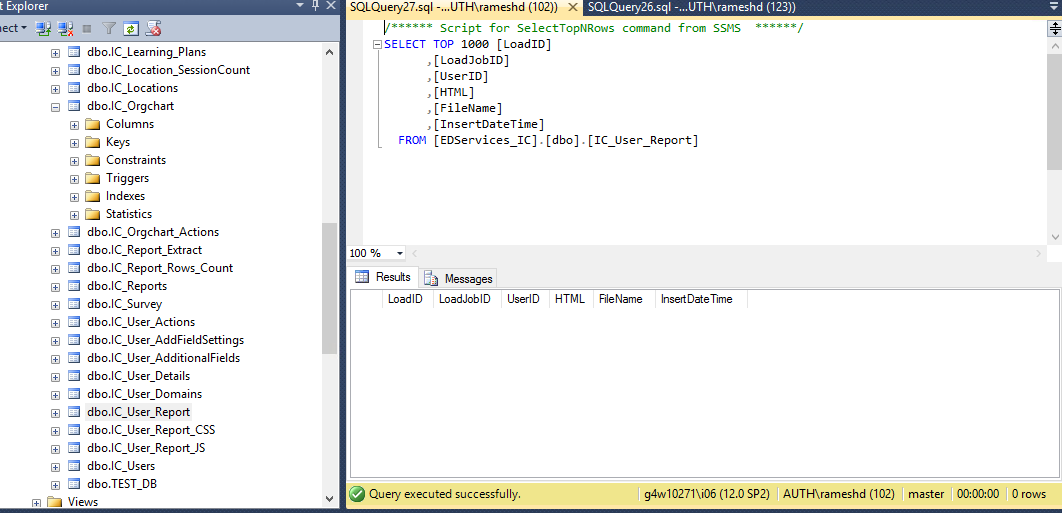


Sample response



### **Database validation**

Login to server in SSMS and validate the records in [EDServices\_IC].[dbo].[IC\_user\_Reports]table

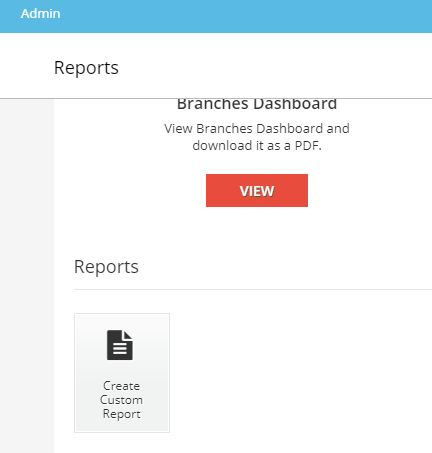


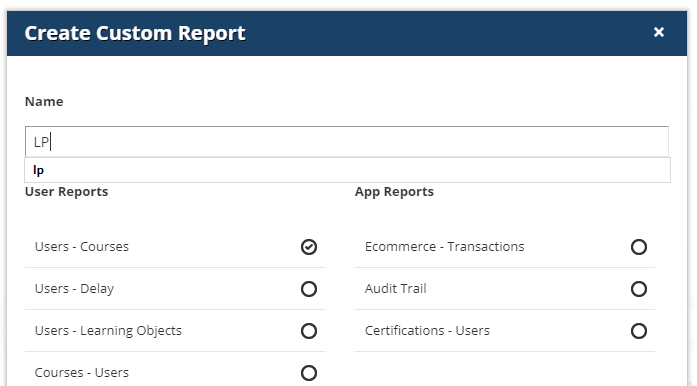
## /report/countRows

### **Data creation in Docebo**

Navigate to Settings->Report and add a new report and fill what details need to be extracted and title of report.

Open the report and Verify and note down the created report rows count

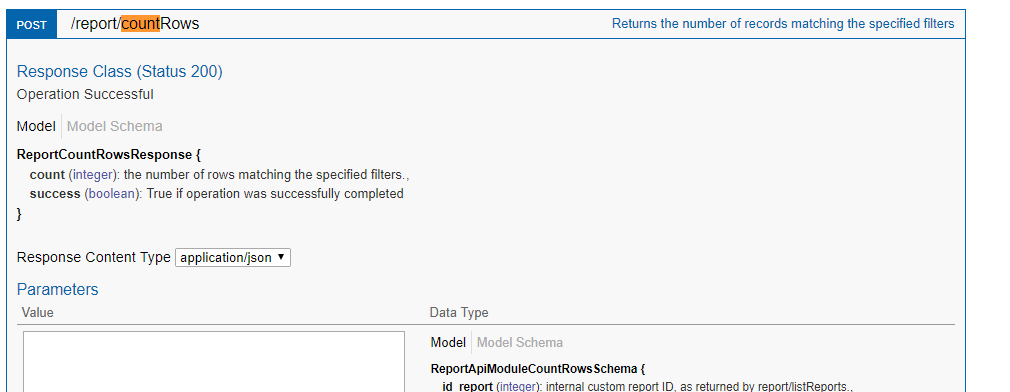




### API Validation:

Search for "Report"->/report/count Rows, Hit Try button with valid report id and validate the data

Verify the count of rows reflected in Docebo UI and Api and database matched

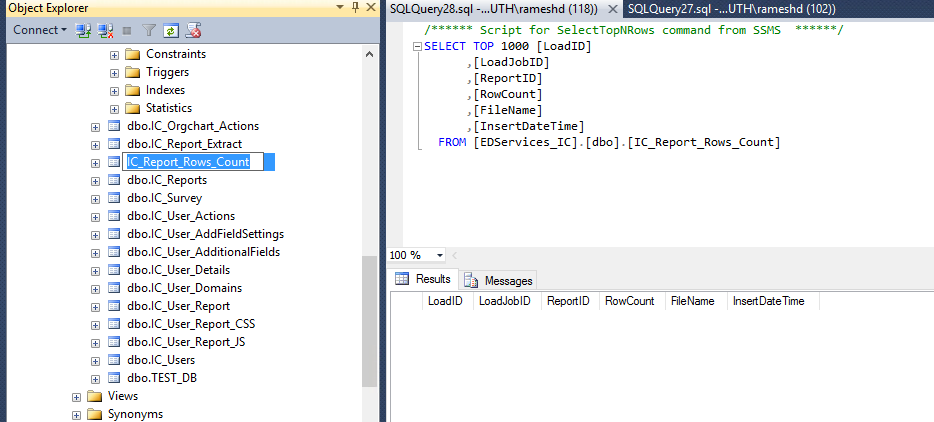


Sample response



### Database validation:

Login to server in SSMS and validate the records in [EDServices\_IC].[dbo].[IC\_Report\_Rows\_Count]]table

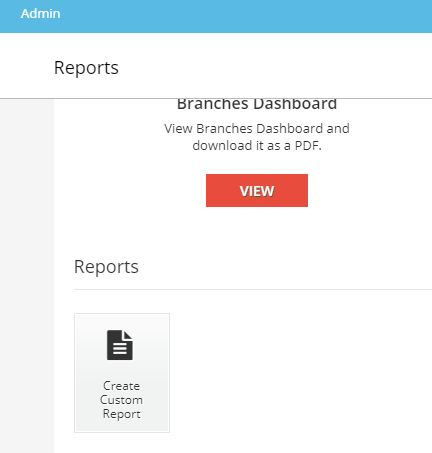


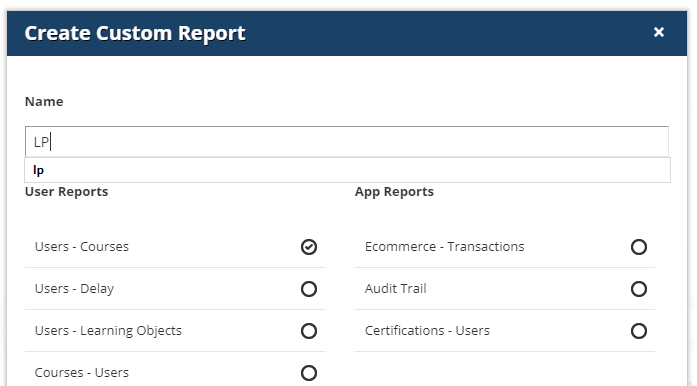
## /report/ExtractRows

### **Data creation in Docebo**

Navigate to Settings->Report and add a new report and fill what details need to be extracted and title of report.

Open the report and Verify and note down the created report details with header and data

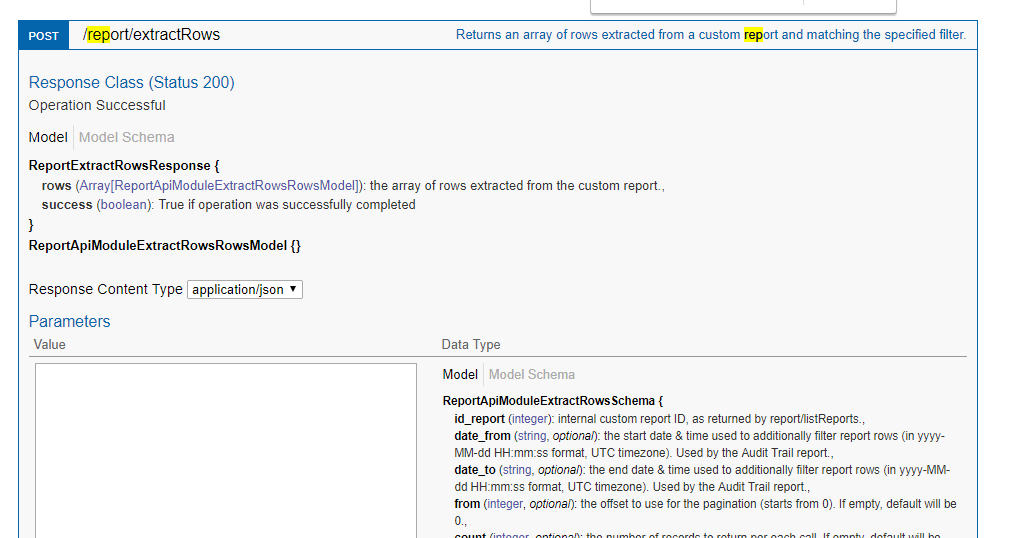




### API Validation:

Search for "Report"->/report/extract Rows, Hit Try button with valid report id and validate the data

Verify the rows reflected in Docebo UI and Api and database matched

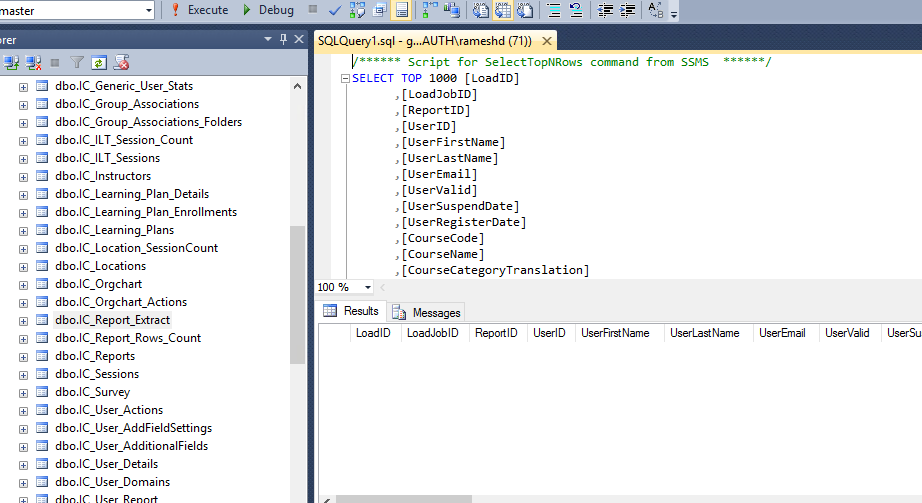


Sample response



### Database validation:

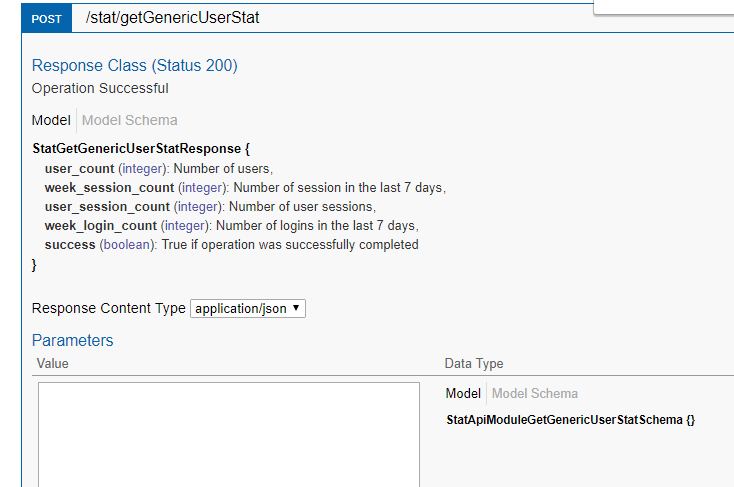
Login to server in SSMS and validate the records in [EDServices\_IC].[dbo].[IC\_Report\_Extract] table



## /stat/getGenericUserStat

### API Validation:

Search for "stat"->/stat/getGenericUserStat, Hit Try button and validate the data

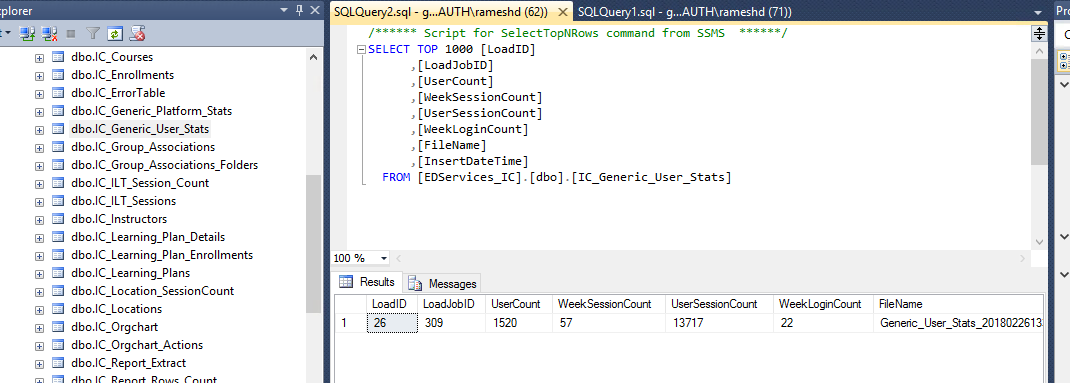


Sample response



### Database validation:

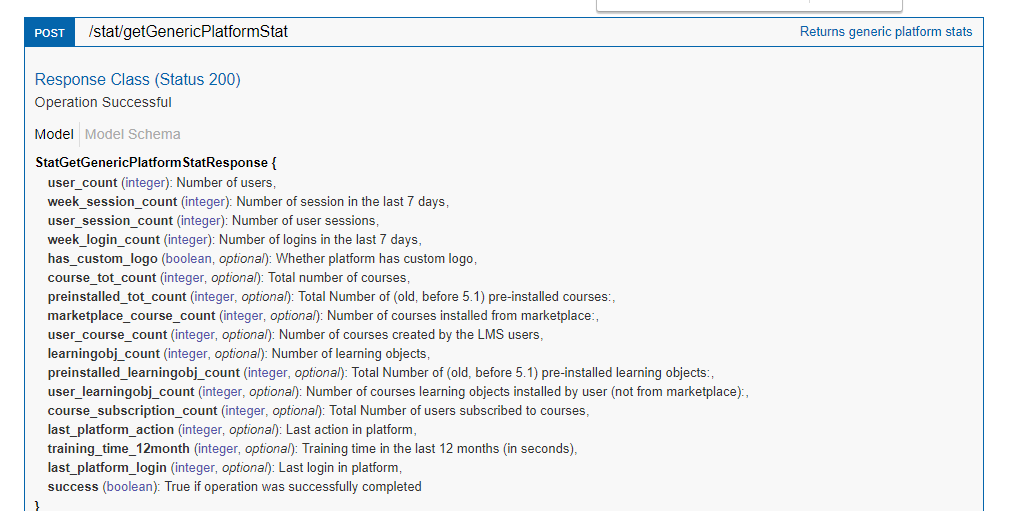
Login to server in SSMS and validate the records in [EDServices\_IC].[dbo].[IC\_Generic\_User\_Stat] table



## /stat/getGenericPlatformStat

### API Validation:

Search for "stat"->/stat/getGenericUserStat, Hit Try button and validate the data

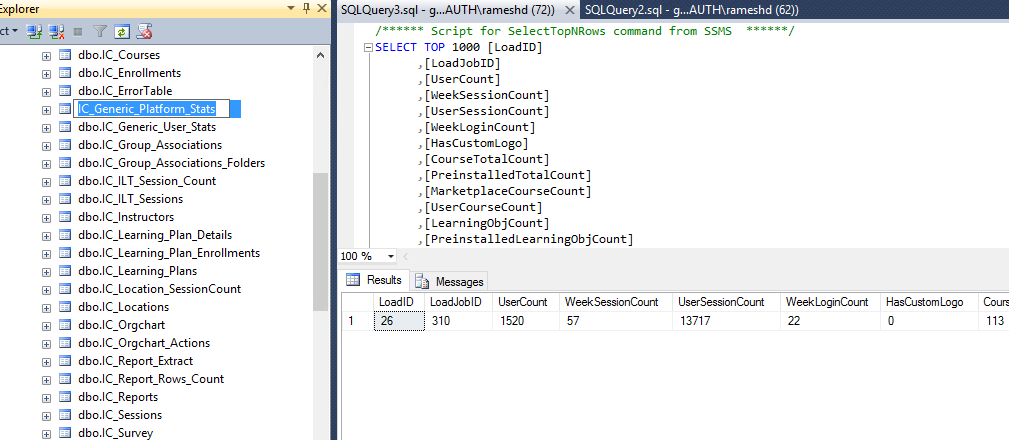


Sample response



### Database validation:

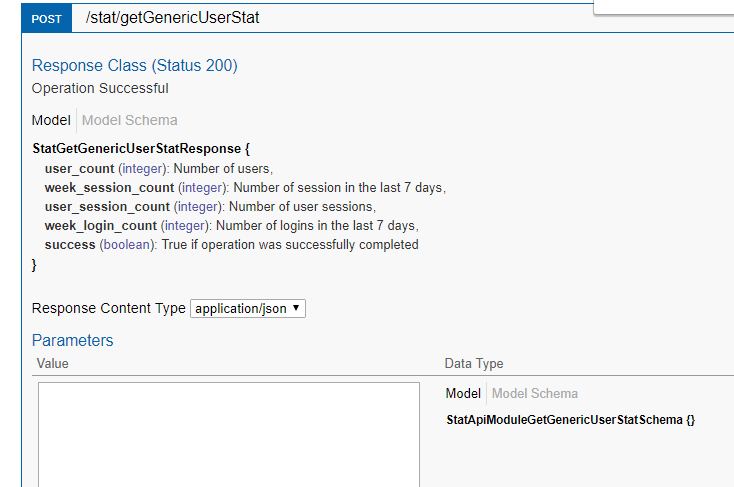
Login to server in SSMS and validate the records in [EDServices\_IC].[dbo].[IC\_Generic\_Platform\_Stat]table



## /stat/getGenericUserStat

### API Validation:

Search for "stat"->/stat/getGenericUserStat, Hit Try button and validate the data

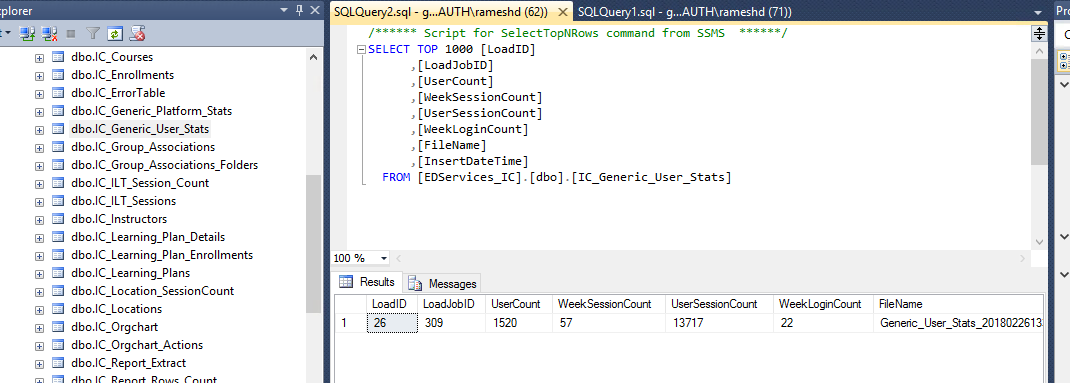


Sample response



### Database validation:

Login to server in SSMS and validate the records in [EDServices\_IC].[dbo].[IC\_Generic\_User\_Stat] table



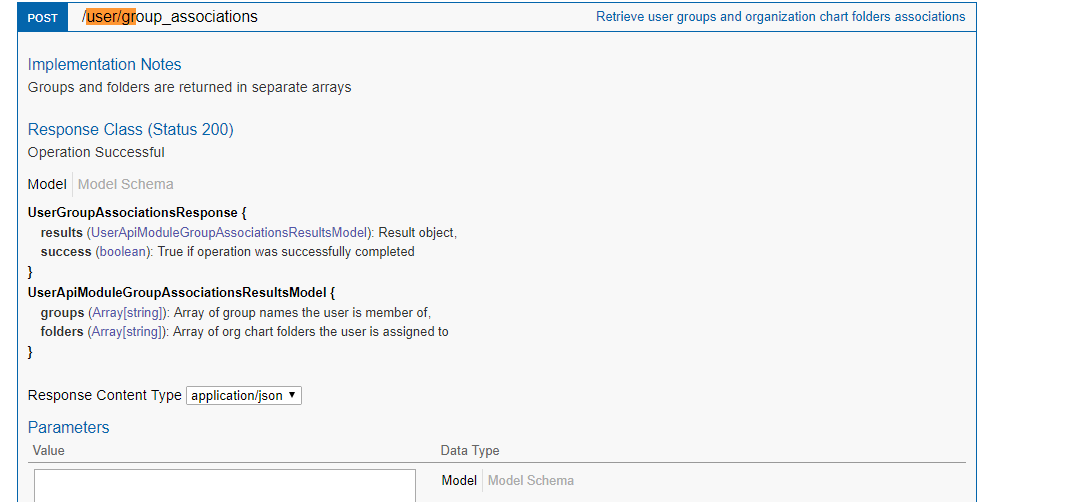
## User/group\_association

### Data creation in Docebo

Navigate to settings->User , enroll user to Multiple group

### API Validation:

Search for "user"->/user/user/group\_assocaition, Hit Try button with valid user id and validate the response is showing the user mapped to particular group.

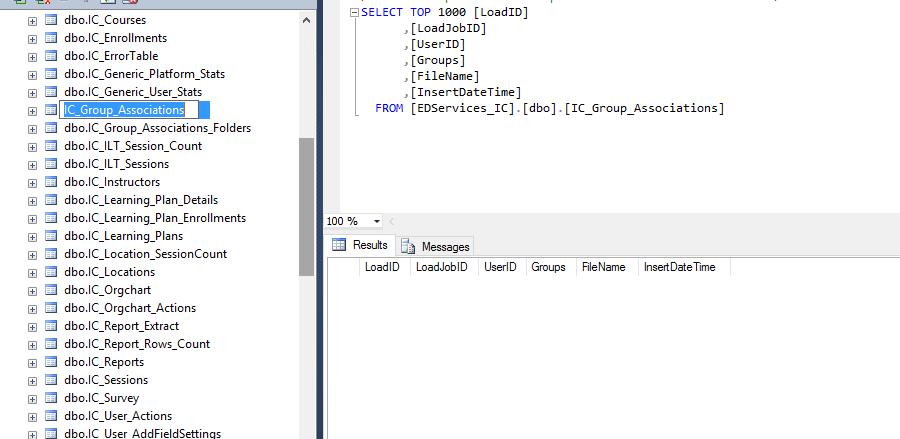


Sample response



### Database validation:

Login to server in SSMS and validate the records in [EDServices\_IC].[dbo].[IC\_Group\_Associations] table



# Additional Information

ALM is maintained for Test case and Defect tracking. We have uploaded the test case with detail steps. You can find the same

