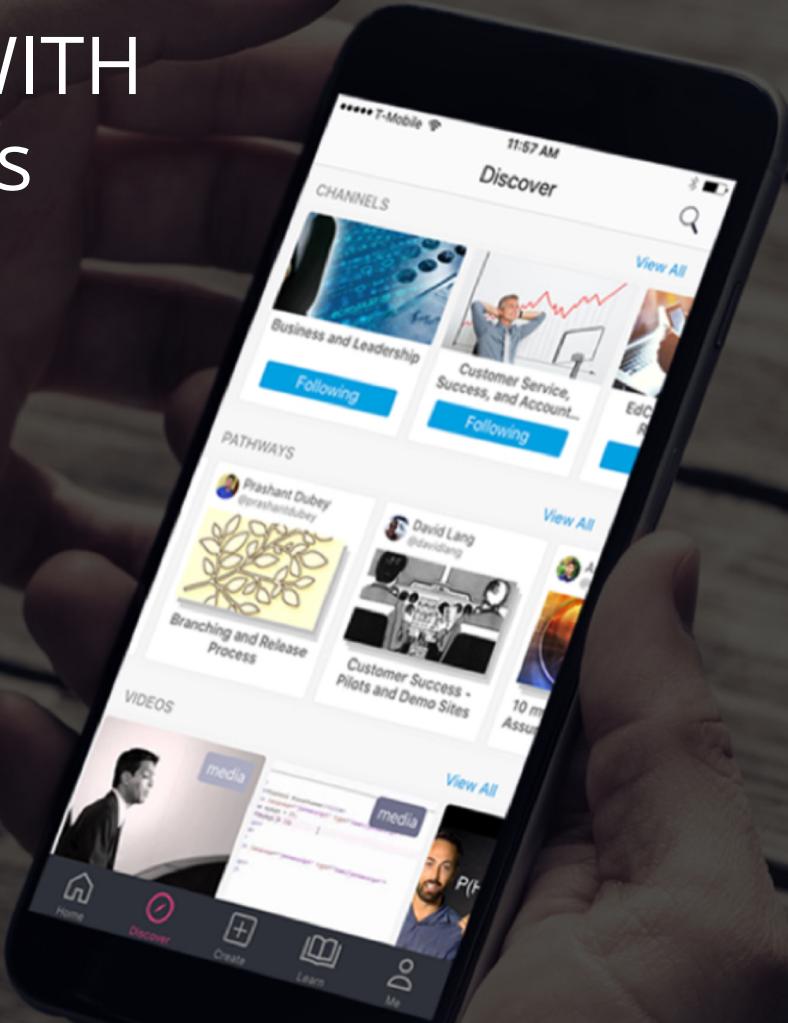


INTEGRATIONS WITH Content Providers



Content Integration

- Typically, Content Integrations with EdCast comprise of these three aspects:
 - Content/Course Modelling
 - Creating a Smart Card for a course on LXP
 - Content/Course Data Synchronization
 - Courses, Completions etc
 - SSO Integration
 - SAML, OAuth, OpenID Connect

Course Modeling

Course Modeling - Mandatory Attributes

Following attributes are mandatory to create a smart card for a course

Name	Description	Sample Value
external_id	Will be used as unique identifier for course	1234567
name	Title to be displayed on card	Test Course
url	A deeplink URL to which the URL will be redirected, when the card is clicked	http://acme.test.com/course/12345667
description	Maximum 500 characters of the description are displayed on the card	This is just a description
content_type/readable_card_type	A card type which will be displayed on card - course, online class etc	course
duration	Duration to be displayed on a Card	600

Course Modeling - Mandatory Attributes ...

Name	Description	Sample Value
image_url	Image to be displayed on a Card	images["size_750x422"]
tags	Tags to be displayed on a Card	categories
resource_metadata		
additional_metadata		
raw_record	metadata received for single course will be saved in raw_record.	

Content/Course Data Synchronization

Modes of Content Data Synchronization

- For all Content Integrations EdCast synchronizes the content provider data from the Content Provider System into the LXP
 - It is a unidirectional Integration
- There are four modes of Integration
 - Mode #1 - Pre-Built connectors – Go1, Udemy etc
 - Mode #2 - SFTP based integration
 - Mode #3 - Push Integration - Customer pushes data through EdCast APIs
 - Mode #4 - Pull Integration - EdCast pulls data from the Content Provider APIs

Data Integration – Mode #1 – Pre-Built Connectors

- Udemy for Business
- Go1

Udemy for Business Connector

- Udemy for Business Connector uses Udemy Business API to fetch the courses data
- LXP uses LRS SFTP connector to integrate Completions data
- LXP synchronizes the courses and completions data from Udemy once in a day

Udemy for business Connector - Configuration Parameters

Name	Description
client_id	The client_id key for UFB learning portal (i.e., organization). Contact Udemy Support @ufbsupport@udemy.com and get this value
client_secret	The client_secret key for UFB learning portal (i.e., organization). Contact Udemy Support @ufbsupport@udemy.com and get this value
Portal/Organization name	The unique UFB Organization name
Portal/Organization ID	Maximum 500 characters of the description are displayed on the card

Udemy for business Connector

Display Name	<input type="text" value="udemy_for_business"/>
Language	<input type="text" value="English"/> ▼
	<p><i> ⓘ Default language to be used for the content if unavailable from the API/CSV.</i></p>
client_id	<input type="text"/>
client_secret	<input type="text"/>
portal_name	<input type="text"/>
portal_id	<input type="text"/>

Go1 Connector

- Go1 Connector uses Udemy Business API to fetch the courses data
- Doesn't support completions data integration
 - Support coming in Sprint#65 release
- LXP synchronizes the courses data from Go1 once in a day

Go1 Connector - Configuration Parameters

Name	Description
host_url	host_url to be used to form url for api call
auth_url	auth_url to be used to get access_token
client_id	client_id needed for authorization api
client_secret	client_secret needed for authorization api
grant_type	grant_type needed for authorization api
subscribed	optional key will be true by default - true will get only premium content and false will get all content

Go1 Connector

deeplink_host_url	<code>https://edcast-test.mygo1.com</code>
api_host_url	<code>https://api.go1.com</code>
auth_url	<code>https://auth.go1.com/oauth/token</code>
client_id	[REDACTED]
client_secret	[REDACTED]

Content/Course Data Sync – Mode #2 – SFTP Based

- Content Provider or Customer uploads CSV file to EdCast SFTP folder
 - Sample CSV file :
https://confluence.edcastcloud.com/download/attachments/32217226/content_import.csv?version=1&modificationDate=1566375214884&api=v2
 - File with all records on initial launch followed by new or deleted records daily
- Content Provider or Customer is in control of the courses that will be added/archived on to the LXP
- When a new file is processed, if a card with the id already exists, the card is updated.

Content/Course Data Sync – Mode #2 – SFTP Based ...

- The column archive is a hint to the connector to archive the card. Its value is Y, then the card is archived
 - Note that Cards once archived, cannot be made active again.
- EdCast platform processes these files on a daily basis
- Edcast admins have the ability to submit an extraction job to the queue at any point of time using the FETCH CONTENT button on the admin UI. This can be used in rare cases when a customer requires an urgent pull without waiting for the 24-hour cycle.

Content/Course Data Sync – Mode #2 – SFTP Based ...

- Users within edcast can be assigned to multiple groups. Each source can be configured with a group so that cards created through it can be assigned to a group. so that only those users that belong to the group can view & access the cards.
- Each source can be configured to be **restricted to** a group so that all the cards created through this are only accessible and visible to users from the group. The difference between this and shared to group is that, when a card that is restricted to a group is shared with other groups, the visibility continues to remain with the group the card is restricted to. So, the accessibility does not get extended, unlike with shared to group.

Content/Course Data Sync – Mode #3 – Push Integration

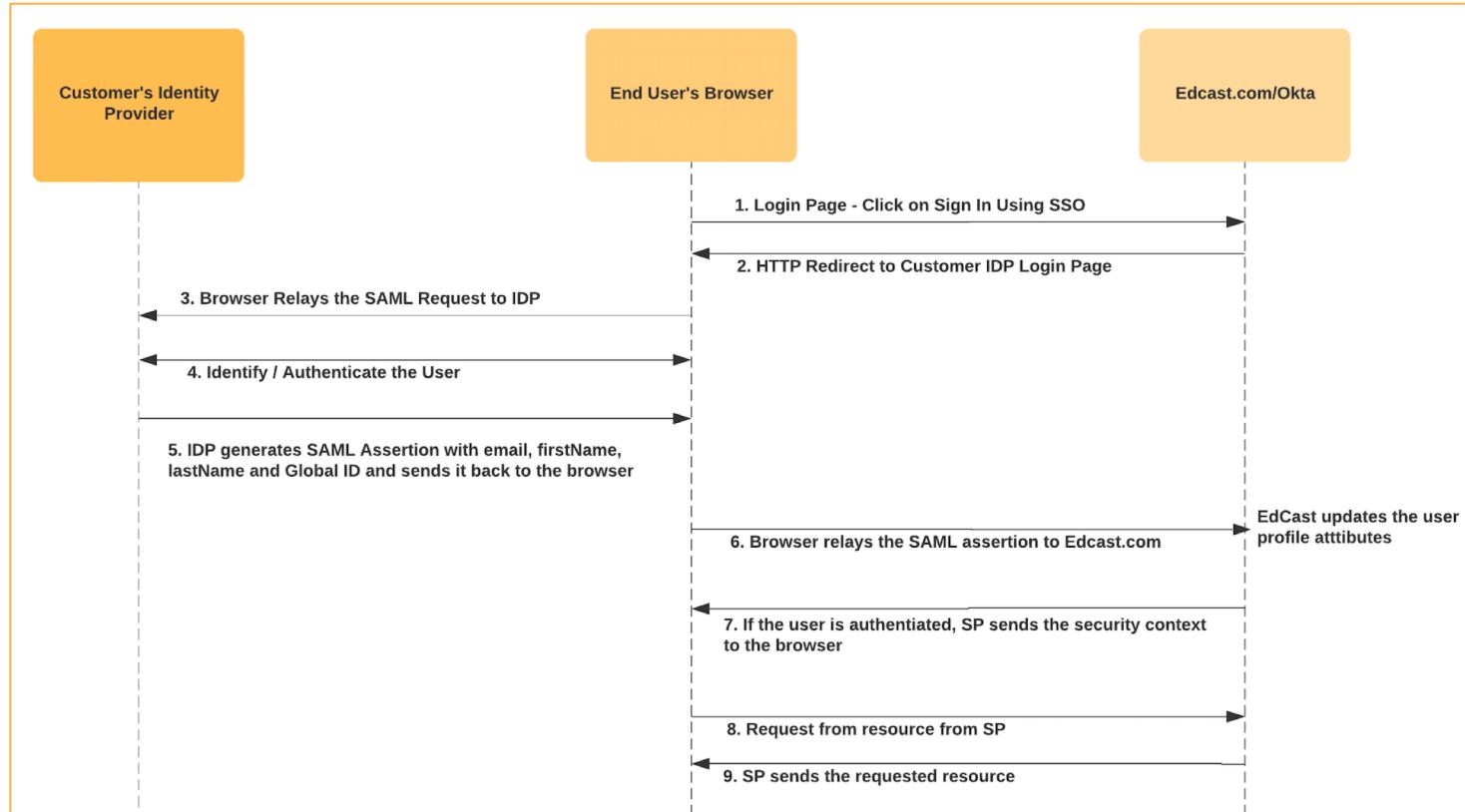
- <https://documenter.getpostman.com/view/1465156/RW8FERBE?version=latest>
- Content Provider uses Developer API to create/update Smart Cards for Courses
- Content Provider is in control of the courses that will be added on to the LXP
- Real time create/update/Delete(Archive)

Content/Course Data Sync – Mode #4 – Pull Integrations

- Content Provider to provide 4 API's
 - API which provides list of all courses along with their attributes
 - API which provides the delta of courses (added/deleted) for a given time range
 - API to provide completions data for all the users
 - API which provides the delta of completions for a given time range

SSO integration with Content Provider (IDP Initiated SSO Flow)

SSO Authentication through SAML (IDP Initiated)



SSO Integration Process

1. EdCast Support team creates basic SAML 2.0 application for the content provider application (OKTA Admin Console-> Applications->Add Application->Create New App) and share below artifacts with the provider
 - o Identity Provider Single Sign-On URL
 - o Identity Provider Issuer
 - o EdCast public key certificate
2. Content providers IT administrator use the above information and configure their SAML integration and share below artifacts with EdCast Support team
 - o Single Sign On URL
 - o Service Provider Entity ID (Audience URI)
 - o Required Attributes in SAML assertion
3. EdCast Support team updates the content providers application with right customer supplied information from step #3
4. EdCast Support team to assign the customers group to SAML application created in Step#1

