Agenda: OIC Session: Day 4

1. Adapters in OIC

Use REST adapter to create Trigger, Invoke and Trigger and Invoke connection.

1. Connections in OIC

Create REST adapter connection to use in App- driven Integration.

1. Connections Roles in OIC

Trigger, Invoke, Trigger-and-Invoke roles used to define working of connections.

1. Create your first connection.

Create REST adapter connection to use in App-Driven Integration

1. Create your first Application Integration

Used REST connection as trigger to create App-Driven integration.

Adapters in OIC - In Details

* Adapters are endpoints of any integration solution, so they can interact directly with the business applications.
* Adapters do the actual connections with application resources and manage application transactions, security, exceptions, and so on.
* It helps securely configured connection between Integration Cloud and other system using authentication with Username and password or other credentials.
* Some adapters are Oracle Cloud ERP Adapter, ATP, FTP, File, Oracle E-Business Suite, REST, SOAP, Oracle Database, SAP etc.

**Connections In OIC**

* Connections are the various connectors that can be utilized to communicate with external applications. Communication can be done with conventional systems like File, FTP, etc., and with new social media and other applications, like LinkedIn, Facebook, Twitter, Gmail, WhatsApp etc.
* We need to create Connections by using the Adapters available.
* Connections are based on Adapters, if we want to connect with FTP server, we required FTP Adapter to make a connection with the application.

Connections Roles in OIC

* When you design an integration, you frag trigger (source) and invoke (target) adapter connections into the integration.
* There are three roles available for connections based on adapter we selected.

Trigger

Invoke

Trigger and Invoke

**Trigger**

It is used to send request to OIC.  
It is used to initiate the integration.

It is used to configure the request and response payload for integration.

We can add trigger connection only once in integration.

Trigger connection can’t be use in Schedule integration, it can be used in App-Driven Integration.

**Invoke**

It is used to send request from OIC to target.

It is used to call web services in OIC  
We can add multiple invoke connection endpoint in integration.

While creating the invoke connection we required to pass the web services URL

Invoke connection can be used in App driven integration or Schedule integration both.

**Trigger and Invoke**

It is combination of Trigger and Invoke connection.

It can be used in App-Driven and Scheduled both.