

# Integration Styles in OIC




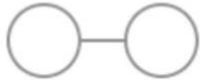
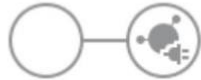



# Integration Styles

- App Driven Orchestration
- Scheduled Orchestration
- File Transfer
- Basic Routing
- Publish To OIC
- Subscribe To OIC

### Select Integration Style

How would you like to build your integration? Select a style to use.

<p><b>App Driven Orchestration</b></p>  <p>Multi-step Integration flow invoking applications, integrations and processes triggered by an Application or API.</p>	<p><b>Scheduled Orchestration</b></p>  <p>Multi-step Integration flow invoking applications, integrations and processes triggered by a Schedule. Commonly used for Batch/Bulk Integrations or File processing.</p>	<p><b>File Transfer</b></p>  <p>Seamlessly and securely move files across the network.</p>
<p><b>Basic Routing</b></p>  <p>Basic App to App Routing with Data Mapping.</p>	<p><b>Publish To OIC</b></p>  <p>Publish messages from Apps to OIC Pub/Sub Channel.</p>	<p><b>Subscribe To OIC</b></p>  <p>Subscribe to messages from OIC Pub/Sub Channel.</p>

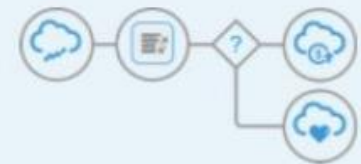
CancelSelect



# Integration Styles

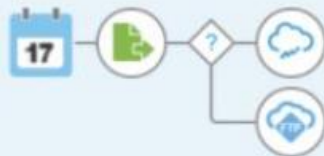
- **App Driven Integration** uses an EVENT or Business Object as Trigger and can be invoked by an Application or API.
- This integration style will have an orchestration layer where complex logic like invoking integrations, processes, iterations, switch cases etc.
- Example –
  - Exposing REST/ SOAP Connection as an OIC Integration Endpoint.
  - Poll File from Local file system using File Adapter.

## App Driven Orchestration



Multi-step Integration flow invoking applications, integrations and processes triggered by an Application or API.

## Scheduled Orchestration

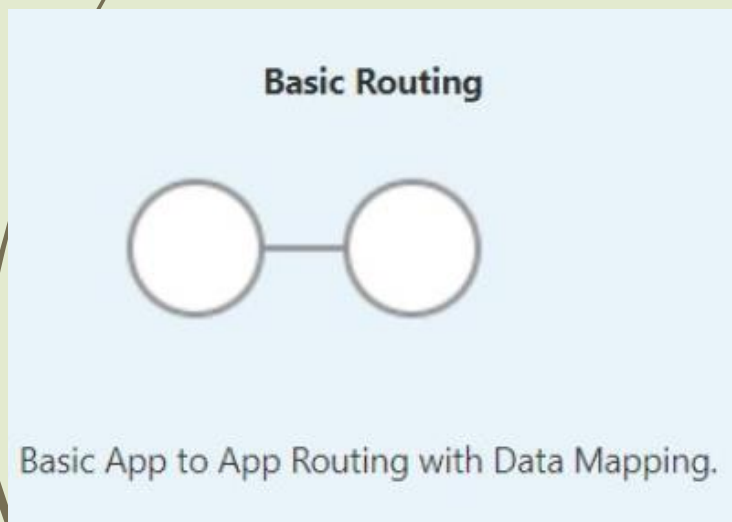
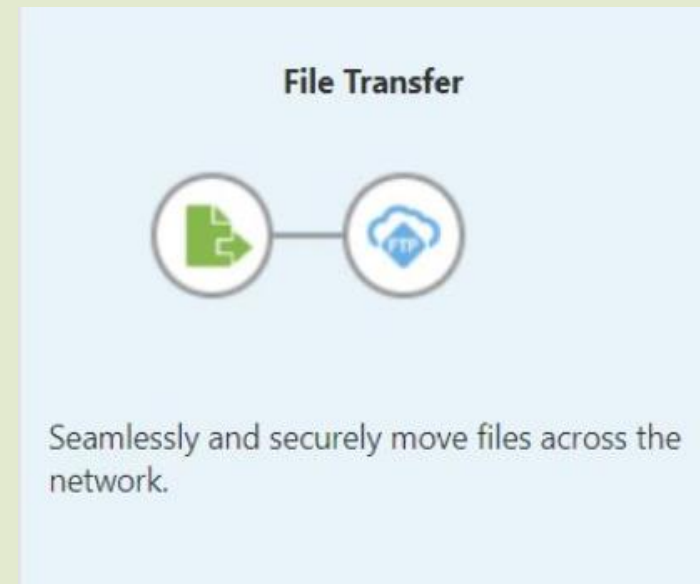


Multi-step Integration flow invoking applications, integrations and processes triggered by a Schedule. Commonly used for Batch/Bulk Integrations or File processing.

- **Scheduled Orchestration** is the style when there is a need to trigger an orchestration flow at specific date time or particular tenure etc.
- This integration style will also have an orchestration layer where complex logic like invoking integrations, processes, iterations, switch cases etc.
- Example –
  - Schedule an Integration to run every 4 hours to pick a Journal file from a FTP location and import.
  - Schedule an Integration to run every night to sync employees in Fusion from a HCM software

# Integration Styles

- **File Transfer** Integration transfers file from one FTP location to one or multiple FTP locations.
- Example –
  - Move Payment file from MFT server to Different Banks' servers



- Basic Routing Integration is used when there is a requirement of connecting one system to another. That's all.
- There will be single routing expression – where request to response mapping and response to request.
- Example –
  - HCM system will send Employee to Fusion HCM.

# Integration Styles

- Create a Trigger Endpoint which when invoked publishes messages to Oracle Managed Topic at OIC.
- Suitable for EDN based designs
- Example –
  - Create a REST Endpoint as Trigger when invoked publishes the messages to OIC Managed Topic



- Subscribe to the OIC Managed Topic using this integration pattern.
- Again once the messages are published, those need to be subscribed – hence this pattern is required.
- Example –
  - Subscribe to OIC Managed Topic and push messages to Database Table.

