SAP Cloud Platform Integration Suite
Monthly Updates – June 2020

Vinayak Adkoli, Alexander Bundschuh, Finny Babu
Product Management, SAP Cloud Platform Integration Suite
Disclaimer

The information in this presentation is confidential and proprietary to SAP and may not be disclosed without the permission of SAP. Except for your obligation to protect confidential information, this presentation is not subject to your license agreement or any other service or subscription agreement with SAP. SAP has no obligation to pursue any course of business outlined in this presentation or any related document, or to develop or release any functionality mentioned therein.

This presentation, or any related document and SAP's strategy and possible future developments, products and or platforms directions and functionality are all subject to change and may be changed by SAP at any time for any reason without notice. The information in this presentation is not a commitment, promise or legal obligation to deliver any material, code or functionality. This presentation is provided without a warranty of any kind, either express or implied, including but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or non-infringement. This presentation is for informational purposes and may not be incorporated into a contract. SAP assumes no responsibility for errors or omissions in this presentation, except if such damages were caused by SAP's intentional or gross negligence.

All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.
Agenda

• Product Updates
  o Custom Tags
  o Remote OData API’s Extensions
  o SFTP Adapter Extensions
  o API Management Standalone capabilities and Integration Suite
  o Recent Innovation in Neo: Client certificate authentication to CPI
  o Recent Innovation in Cloud Foundry: On-Premise Connectivity
  o New features with 7.5 SP18
  o SAP Process Orchestration & SAP AIF @ Roadmap Explorer

• Interact with Integration Black Belt

• Q&A
Cloud Integration
Agenda

- Custom Tags for Integration Packages
- Remote OData API Extensions
- SFTP Adapter Enhancements
Custom Tags for Integration Packages

Enables you to maintain custom attributes in key-value pair format at package level.

Tenant administrator defines the custom tags and integration developers need to maintain them.

Also available are remote OData API’s to UPDATE and GET custom tags using following parameters:
- $top
- $skip
- $orderby
- $select
Remote OData API Extensions

1. Value Mapping ([link](#))
   - Create, read and update configurations in the Value Mapping

2. Number Ranges ([link](#))
   - Create, delete, and update Number Ranges using the OData API

3. Update an integration flow ([link](#))
   - Update an integration flow name, artifact content and save as specified version
SFTP Receiver Adapter Enhancements

- Dynamically configure the parameters using headers and properties (blog)

- Proxy Type with additional option
  - **Dynamic** and provide the value in the property `SAP_FtpProxyType`

- Authorization with additional options
  - **Dual**, which means authentication is done via public key and user password
  - **Dynamic** and provide the value in the property `SAP_FtpAuthMethod`
API Management
Agenda

- API Management Standalone capabilities and Integration Suite
- Recent Innovation in Neo: Client certificate authentication to CPI
- Recent Innovation in Cloud Foundry: On-Premise Connectivity
API Management and Integration Suite capabilities – how are they stacked?

1. Classical
   - API Management in Neo

2. Preview Plan | Service Broker
   - Route service only to Microservices
     - Runtime in Hyperscalers
     - Advanced Analytics

3. Starter Plan | Service Broker
   - On-Premise connectivity *
   - Route-Service *
   - API Access Plans (for Developer Portal ** and API Portal **) **

4. “Native CF” | Subscription
   - Service Brokers
     - On-Premise connectivity *
     - Route-Service *
     - API Access Plans (for Developer Portal ** and API Portal **)

5. “Native CF” | Subscription
   - API Management in Integration Suite

Design Time dependency

* Recently added feature
** will be soon added
Recent API Management Innovations (in Neo)

Client Certificate authentication to CPI’s Sender OData Adapter

In addition to Basic Authentication, API Management can initiate X.509 Client Certificate authentication to CPI's OData endpoint
Recent API Management Innovations (in CF)

Service Broker exposes a plan to authenticate to the on-premise connectivity component.

Blog article describes the various ways in which principal propagation via the on-premise connectivity component can be achieved.

- SAML Grant Flow
- OAuth2SAMLBearer Assertion (via Destination Service)
- OAuth Token exchange (via Destination Service)
Process Orchestration
Agenda

New features with 7.5 SP18
SAP Process Orchestration roadmap
New features with 7.5 SP18

- Process Integration Test tool
  - Viewer for configuration objects
  - Where-used list
  - Alerts for errors in PI test tool tasks
  - Disable alerting for test messages

- Connectivity
  - OAuth 2.0 JSON Web Token profile in REST adapter

- Cloud Integration Runtime
  - Support for AMQP adapter

See release notes
SAP Process Orchestration @ SAP Road Map Explorer
Application Interface Framework
Interact with Integration Black Belt
SAP Cloud Platform Integration Suite
**Speakers**

**Rafael Tadeu** is an Integration Architect at Delaware and has over 10 years of experience designing and developing solutions in the SAP landscape.

His main focus currently is on integration, for SAP development tools both on-premise and cloud. As an Integration Architect, he is involved in all phases of projects, from requirement gathering and prioritization, until ensuring successful strategies and solutions.

He also works closely with customers to advise on how to seamlessly transition into the hybrid landscape of integration.

**Wim Van der Elst** is a Solution Architect at Delaware, focusing on standardizing and templating their implementations.

On the journey to evolve more and more into the development of their own IP, he is instrumental in defining some powerful building blocks to leverage the SAP Cloud Platform and kick start their implementations.
Invitation: “Integration Black Belts”

“Interact with Integration Blackbelts”

- Speakers from customers / partners / stakeholders / consultants to share their innovations, solution architecture, best practices and integration patterns

- Interested to present? Reach out to finny.babu@sap.com
Q&A
Thank you.