

SAP Cloud Platform Integration Suite

Monthly Updates – July 2020

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Agenda

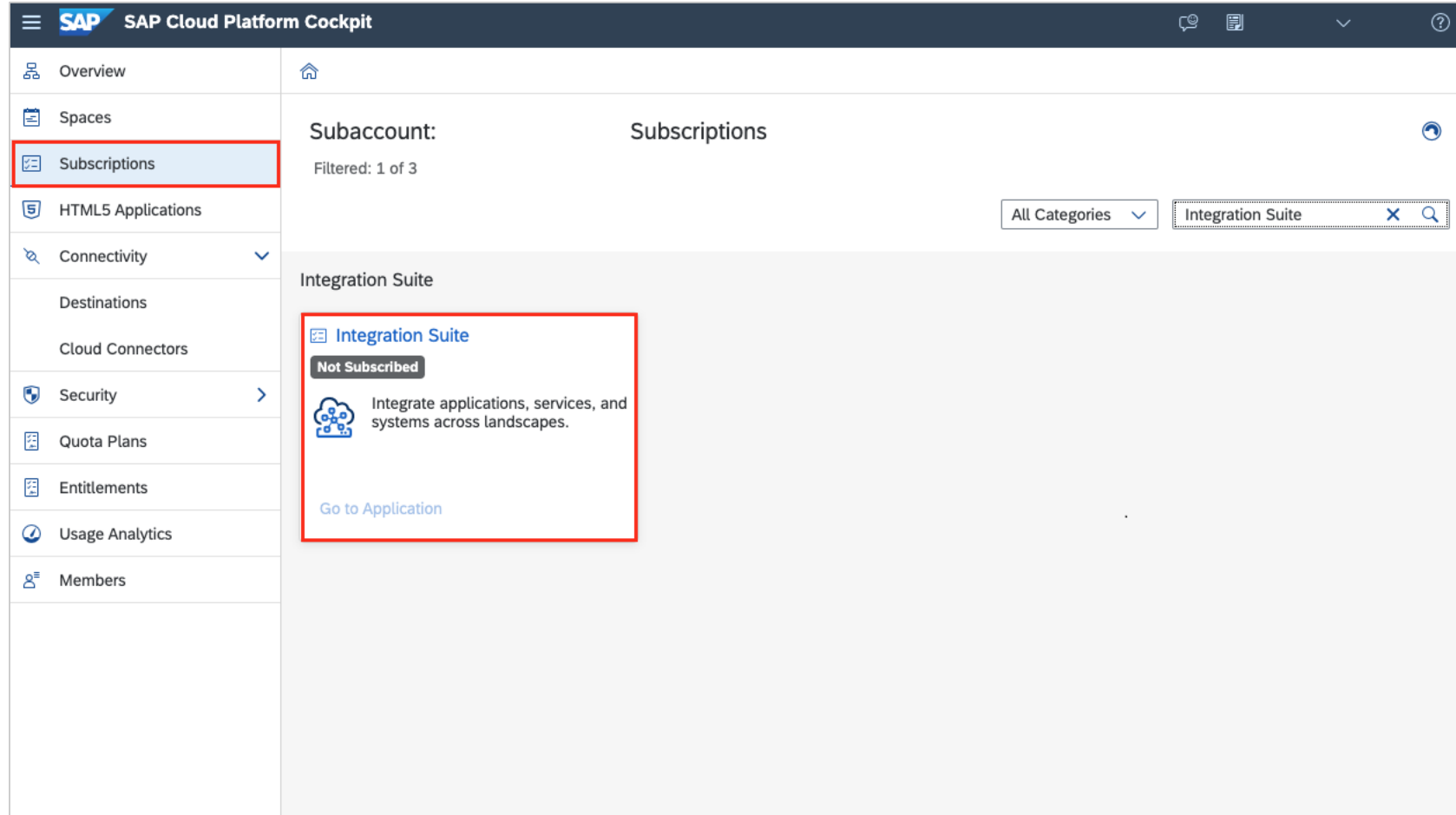


- Product Updates
 - Integration Suite Trial
 - FTP/FTPS Adapter
 - Integration Flow Design Guidelines
 - API Access Service Plans for API Portal and Developer Portal



- Interact with Integration Black Belt
- Q&A

Integration Suite Trial



Integration Suite is now available on CF Trial with capabilities:

- Cloud Integration
- API Management
- Integration Advisor
- Open Connectors

Resources

- [Tutorial](#)
- [Help Documentation](#)

FTP/FTPS Adapter

FTP (File Transfer Protocol) adapter connects an SAP Cloud Platform Integration tenant to a remote system using TCP (Transmission Control Protocol) to send or receive files from the system

Transport Encryption Options

1. Explicit FTPS:

- After an initial connection, the client sends an AUTH TLS command to the server and initiates the handshake. Afterwards, all communication is encrypted.
- Default port will be 21

2. Implicit FTPS:

- The client will connect to the server with an TLS connection. This means the client starts the handshake at the beginning of the communication.
- Default port is 990

3. Plain FTP - no encryption:

- No encryption will be applied (**not recommended**)
- Default port is 21

FTP/FTPS Adapter Configurations

Adapter Type
adkHttps
AMQP
Ariba
AS4
FTP
HTTPS
IDOC
Mail
OData
ProcessDirect
SFTP
SOAP

Cancel

FTP

General **Source** Processing Scheduler

FILE ACCESS PARAMETERS

Directory:

File Name:

CONNECTION PARAMETERS

Address:*

Proxy Type:

Encryption:

Credential Name:*

Timeout (in ms):

Maximum Reconnect Attempts:

Reconnect Delay (in ms):

Automatically Disconnect: ☐

FTP

General Source **Processing** Scheduler

PROCESSING PARAMETERS

Read Lock Strategy:

Sorting:

Max. Messages per Poll:

Lock Timeout (in min):*

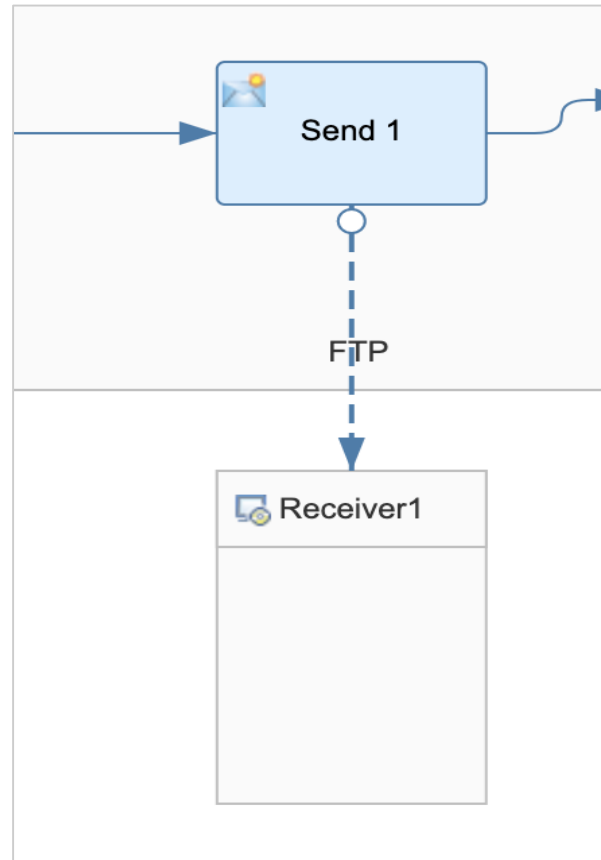
Change Directories Stepwise: ☐

Include Subdirectories: ☐

Post-Processing:

FTP/FTPS Adapter

Send Step & Connectivity Tests



Overview / Test Connectivity

TLS SSH **FTP** SMTP IMAP POP3 AMQP Cloud Connector

Request

Host:*

Port:*

Proxy Type:

Encryption:

Authentication: ☒ None ☐ User Credentials

☒ Valid Server Certificate Required

Send

Integration flow design guidelines and patterns

Latest deliveries

Resource handling

- Process batch in chunks
- Specify proper session handling

Apply security standards

- Apply message level security

Error handling

- Dependent integration flows

Application-Specific Guidelines

- Design principles for SAP SuccessFactors
- Managing time intensive Integration Flows

The screenshot shows the SAP Help Portal interface. At the top, the SAP logo and 'SAP Help Portal' are visible, along with 'SAP Cloud Platform Integration'. The main heading is 'SAP Cloud Platform Integration' with a language dropdown set to 'English'. A search bar is present with the text 'This document' and a search icon. Below the search bar, the breadcrumb trail reads 'Home / SAP Cloud Platform Integration / Development /'. The main content area is titled 'Integration Flow Design Guidelines' with a 'Send feedback' link. The text states: 'As an integration developer, you need to make sure that you design integration flows in a robust fashion in order to safeguard your company's mission-critical business processes.' It then says: 'This section provides guidelines for integration developers covering the following two main aspects:'. Below this, there is a table with two columns. The first column lists 'Guidelines to Design Enterprise-Grade Integration Flows' and 'Integration Flows'. The second column provides details: 'Provides guidelines to design **enterprise grade** integration flows in a robust fashion in order to safeguard your company's mission-critical business processes. Provides clear and easy-to-apply guidelines to help integration developers design robust enterprise grade integration flows to safeguard your company's mission-critical business processes.' and 'For example: applying highest security standards, keeping your integration flows readable and easy to understand, and handling errors in a good way.' A 'Table of Contents' sidebar is visible on the left, listing various topics including 'Developing Integration Content with the SAP Cloud Platform Integration', 'Integration Flow Design Guidelines' (which is expanded), 'How to Work with the Example Integration Flows', 'Guidelines to Design Enterprise-Grade Integration Flows', 'Guidelines to Implement Specific Integration Patterns', 'Developing an OData Service', and 'Developing Custom Adapters'.

Integration flow design guidelines and patterns

Current state and outlook

Integration flow guidelines

- 24 topics in total and growing
- 32 integration flows
- In addition, 2 application specific guidelines

Enterprise Integration Patterns

- 9 patterns
- 15 integration flows

In progress*

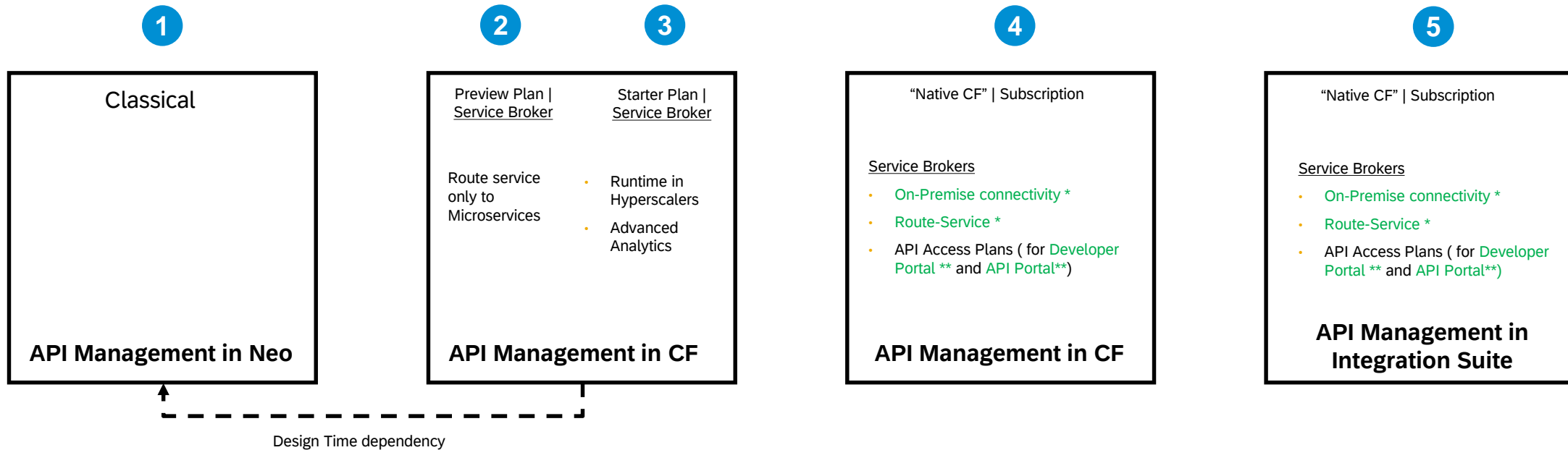
- Using Streaming
- Using secure authentication method
- Using protocols with encryption
- New package for partner directory guidelines
- New package for scripting guidelines

* This is the current state of planning and may be changed by SAP at any time without notice.

Taking off from last webinar's presentation...

API Management and Integration Suite capabilities – how are they stacked ?

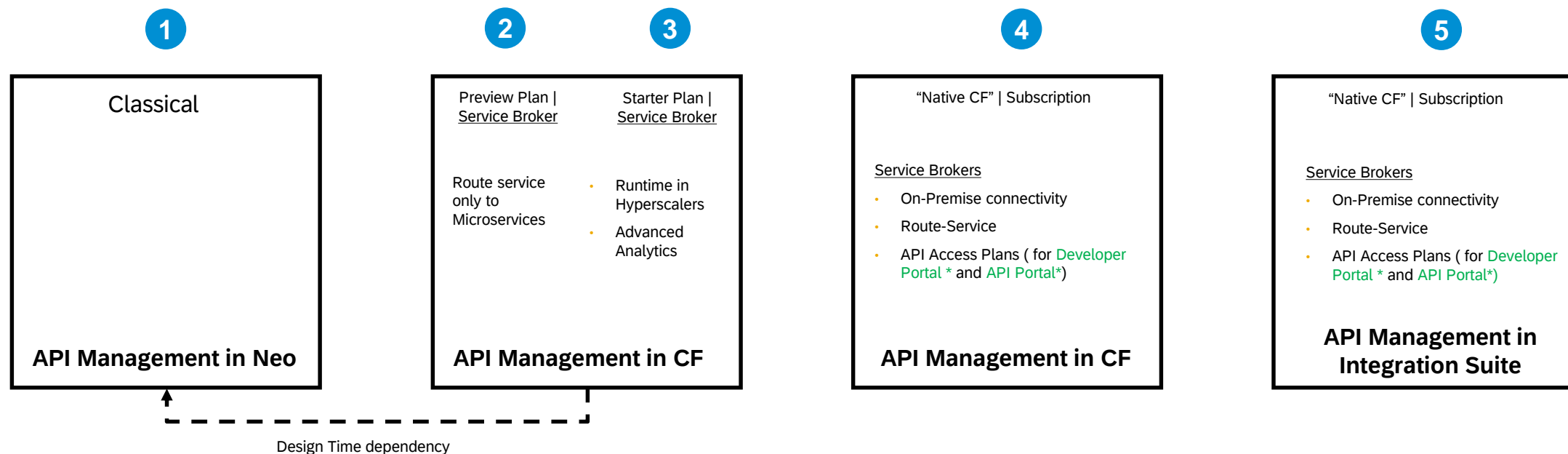
Welcome to the API Management capabilities in Cloud Foundry !!



* Recently added feature

** will be soon added

Taking off from last webinar's presentation...



- For feature parity :

* Recently added feature

Recent API Management Innovations (in CF)

- API Access Service Broker for API Portal
 - API Admin persona
 - Guest persona
- API Access Service Broker for Developer Portal
 - Developer Portal Admin persona
 - Application Developer persona

IFG Integration Survey 2020

Your chance to influence the SAP Integration Roadmap

The International Focus Group for Integration (IFG for Integration) is a collaboration platform of representatives of 13 user groups and communities across the world. The focus areas of this group include exchanging experiences and knowledge, working on best practices, and influencing SAP. Each year, it conducts a global survey to collect input from the integration community across the world.

As in the past, the survey results will enable the IFG for Integration to better address the needs of the integration community and to discuss and influence the requirements with SAP product development.

The 12th annual survey has been launched, which is your unique opportunity to influence the SAP Integration Roadmap. (survey open until August 31st 2020)

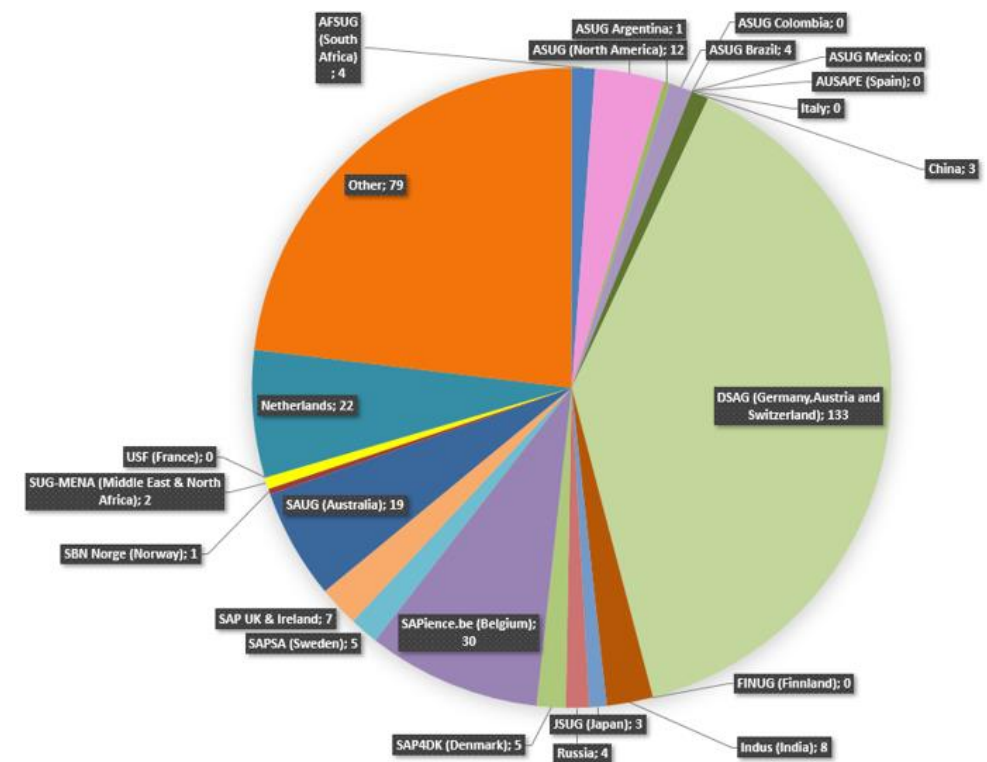
The survey is provided in the three different languages (English, German, Spanish) and can be accessed at the following link: <https://www.surveymonkey.com/r/NZVF6HF>

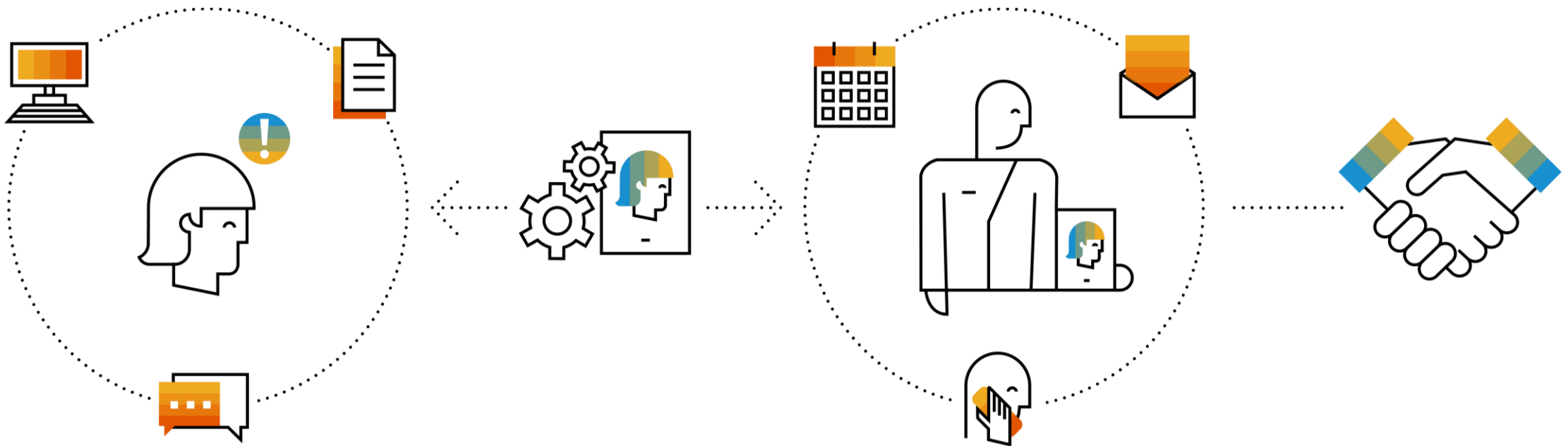
Survey Results 2019:
<https://blogs.sap.com/2019/05/23/global-survey-for-sap-integration-2019/>

International Focus Group:
<https://blogs.sap.com/2010/10/07/introducing-global-special-interest-group-for-process-integration/>

Survey Results 2018:
<https://blogs.sap.com/2018/11/11/results-of-the-global-survey-for-sap-integration-2018-part-1/>
<https://blogs.sap.com/2018/12/10/results-of-the-global-survey-for-sap-integration-2018-part-2/>

Survey Results 2017:
<https://blogs.sap.com/2017/11/30/result-of-the-global-survey-for-sap-integration-2017/>





Interact with Integration Black Belt

SAP Cloud Platform Integration Suite

Speaker



Eng Swee Yeoh

Integration Architect, SAP Mentor



Eng Swee Yeoh is an integration architect at Int4, and has been integrating SAP solutions since 2005.

His current focus is on SAP Cloud Platform Integration, in particular looking into using Groovy to unleash the power and potential of the platform. He has extensive experience integrating a wide range of systems, products and applications in today's hybrid landscapes including SAP's cloud solutions - Ariba, Concur, Hybris and SuccessFactors.

As an SAP Mentor, he regularly contributes to the SAP community by sharing his knowledge in the form of publishing blog posts, speaking at TechEd and collaborating closely with SAP in product feedback and improvement.

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.

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