

SAP Integration Suite

Monthly Updates – March 2023

Product Management Team & Guests, SAP Integration Suite

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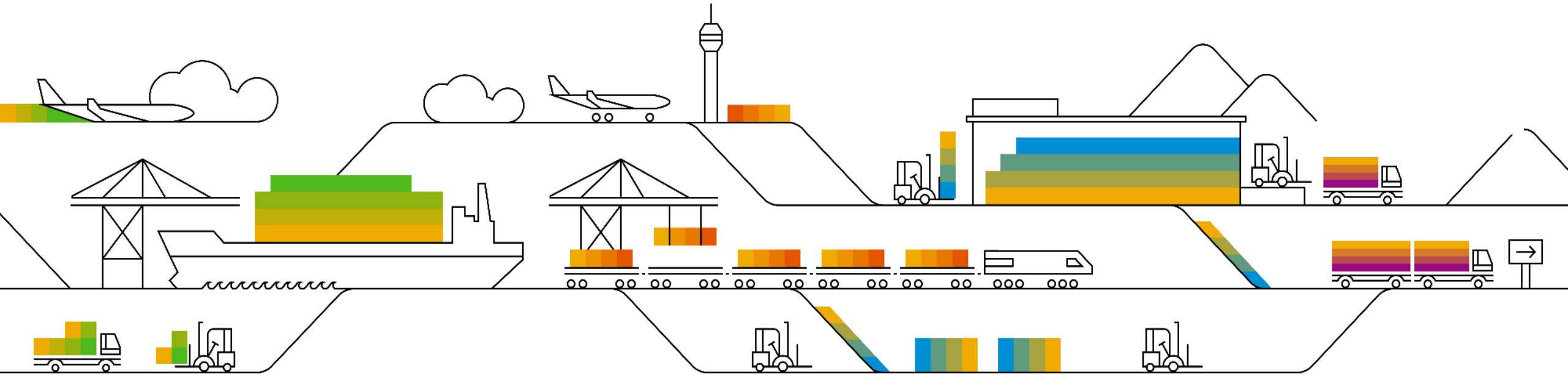
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Agenda

- Cloud Integration – Sunny Kapoor (15')
- Process Orchestration/AIF - Alexander Bundschuh (10')
- B2B - Integration Advisor & TPM – Marco Ertel (10')



Cloud Integration



Advanced Scheduler Configuration in the Timer Flow Step

The Cloud Integration capability of SAP Integration Suite now comes with an enhancement for the Timer flow step with version 1.2, where you can configure more complex and granular schedules using a combination of various units of time measurement.

See: [Define a Timer Start Event Blog Post](#)

The screenshot displays the 'Timer Start' configuration interface. At the top, there are tabs for 'General' and 'Scheduler', with 'Scheduler' being the active tab. On the left side, there are four radio button options: 'Run Once', 'Schedule on Day', 'Schedule to Recur', and 'Advanced'. The 'Advanced' option is selected and highlighted with a red border. The main area contains a descriptive text: 'Create a schedule by choosing the different configurations available in Seconds, Minutes, Hours, Days, Months and Years section below. The combined configurations from below sections will result in a schedule.' Below this text are several dropdown menus for configuring the schedule: 'Seconds' (with 'Specific seconds' and '0th x' options), 'Minutes' (with 'Every 5 minutes starting at' and '0th minute' options), 'Hours' (with 'Every hour' option), 'Days' (with 'Every day' option), 'Months' (with 'Every month' option), and 'Years' (with 'Every year' option). At the bottom, there is a 'Time Zone' dropdown set to '(UTC 0:00) Greenwich Mean Time(Etc/GMT)' and a checked checkbox for 'Throw exception on schedule expiry'. In the top right corner of the interface, there are 'Externalize' and a help icon buttons.

On-Premise and Cloud SAP ASE Service Databases support in JDBC Receiver Adapter

JDBC Receiver adapter now supports the SAP ASE Service database on both On-Premise and Cloud infrastructures.

See: [JDBC for SAP ASE Platform \(On-Premise\)](#) and [JDBC for SAP ASE Service \(Cloud\)](#)

New Configuration Option for OData Receiver Adapter

In the latest versions of the OData receiver adapter variants, you have the option to reuse connection objects from the internal connection pool which improves the network turnaround time.

See:

[Configure the OData V2 Receiver Adapter](#)

[Configure the OData V4 Receiver Adapter](#)

[Configure the SuccessFactors OData V2 Receiver Adapter](#)

[SuccessFactors OData V4 Receiver Adapter](#)

Enhancement in Model Operation Wizard of OData V2 Receiver Adapter

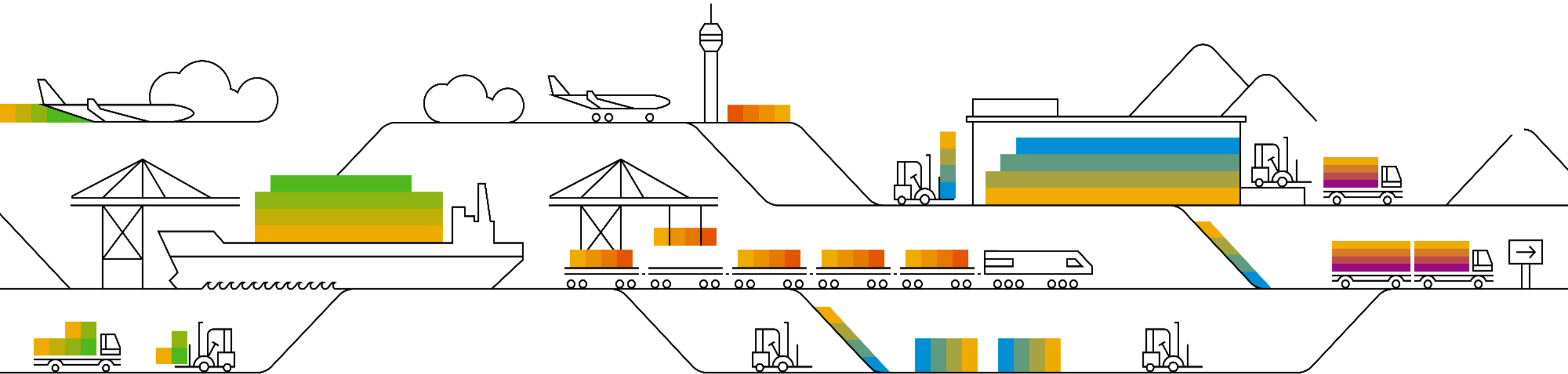
You can now filter the **Fields** list when you're trying to choose the right field name while modeling a query using the Model Operation wizard.

See: [Configure the OData V2 Receiver Adapter](#).

Other Updates

- You can now specify the source of Partner ID in the AS2 Sender adapter.
See: [Configure the AS2 Sender Adapter](#)
- You can now propagate the logged-in user as the owner of the particular transport action while transporting artifacts using Cloud Transport Management.
See: [Content Transport Using Cloud Transport Management](#).
- You can now enable support for deprecated algorithms in SFTP Adapter
See: [Configure the SFTP Sender Adapter](#)
[Configure the SFTP Sender Adapter Used with the Poll Enrich Step](#)
[Configure the SFTP Receiver Adapter](#)
- Handling of duplicate attachment names was changed for the SOAP SOAP 1.x sender adapter. If an attachment name occurs several times, now also a Guid is added to the first of these attachment names (before this increment, no Guid was added to the first one).
See: [Configure the SOAP \(SOAP 1.x\) Sender Adapter](#)

Process Orchestration and AIF



New features with SAP Process Orchestration 7.5 SP26

New Test Data Draft Workbench in Process Integration Test (PIT) tool that allows you to maintain test data, see SAP note [3213469](#)

Background job for cleaning up expired OAuth 2.0 tokens of the REST receiver adapter, see SAP note [3234473](#)

In REST receiver adapter, save HTTP status code as dynamic configuration in the XI message header, see SAP note [3273355](#)

REST receiver adapter supporting JSON Web token (JWT) profile for OAuth 2.0 for client authentication, see SAP note [3265768](#)

PIT Test Data Draft Workbench

PIT_Demo_ContentBasedRouting

Test Data Draft Workbench

General

Name: Test System:

Description:

Integration Flow:

Communication Pattern: Asynchronous Synchronous

Configuration

Changed	Message Exchange Draft	Status
	PRD1_hc-true_n/a	Processed (Successful)
	ERR_hc-n/a	Processed (Failed Exchange)
	PRD1_hc-false	Processed (Successful)

Initial Message Exchange: Processed Message Exchange:

Message Exchange

- Request
 - Incoming Message (Before Mapping)
 - ae06bd0a966611ed6ad0000003e9f0e
 - Message Header
 - Dynamic Header
 - Payload
 - Attachment json-attachment (text/plain)
 - Outgoing Messages (After Mapping)

Request Before Mapping Payload XML

```

1 <?xml version="1.0" encoding="UTF-8"?><ns0:PersonIn xmlns:ns0="http://demo.sap.com/pit">
2 <Id></Id>
3 <LastName>Ceylan</LastName>
4 <FirstName>Yasmin</FirstName>
5 <Phone>+496227712345</Phone>
6 <Country>DE</Country>
7 <hiringCompleted>true</hiringCompleted>
8 <isContingentWorker>false</isContingentWorker>
9 <previouslyEmployed>true</previouslyEmployed>
10 <terminated>n/a</terminated>
11 <eligibleForStocks>false</eligibleForStocks>
12 <okToRehire>n/a</okToRehire>
13 </ns0:PersonIn>
          
```

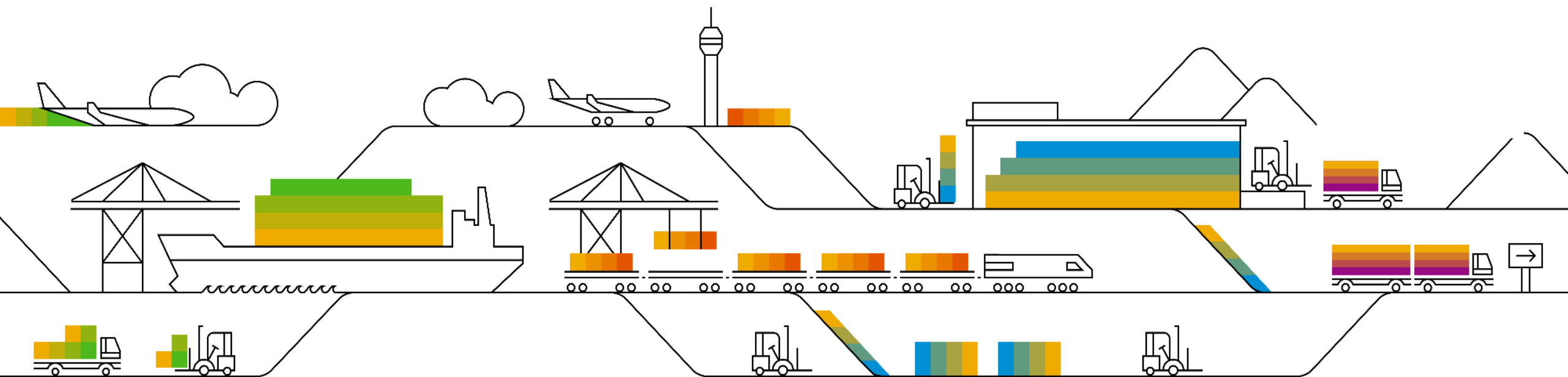
PIT_Demo_ContentBasedRouting

Job Browser Test Verification Problems Action Log Test Data Draft Overview

type filter text


Name	Test System	Configuration Object	User Name	Last Changed On
aw_geocode_sync	P75	PIT_Files_Patterns1 geocode_OB http://demo/hh/rest/geocc		2023-01-17 10:37
PIT_Demo_ContentBasedRouting	P75	PIT_Demo_ContentBasedRouting		2023-01-17 14:00

B2B



Trading Partner Management: IDoc on-premise support

Edit Communication

 Once communication channel is updated, you need to redeploy relevant agreements.

Name: * IDoc Receiver

Alias: * Receiver

Description:

Direction: * Receiver

Adapter: * IDOC

Connection

CONNECTION DETAILS

Address: * https://sap-system.on-prem.com/api/api1

Proxy Type: * On-Premise

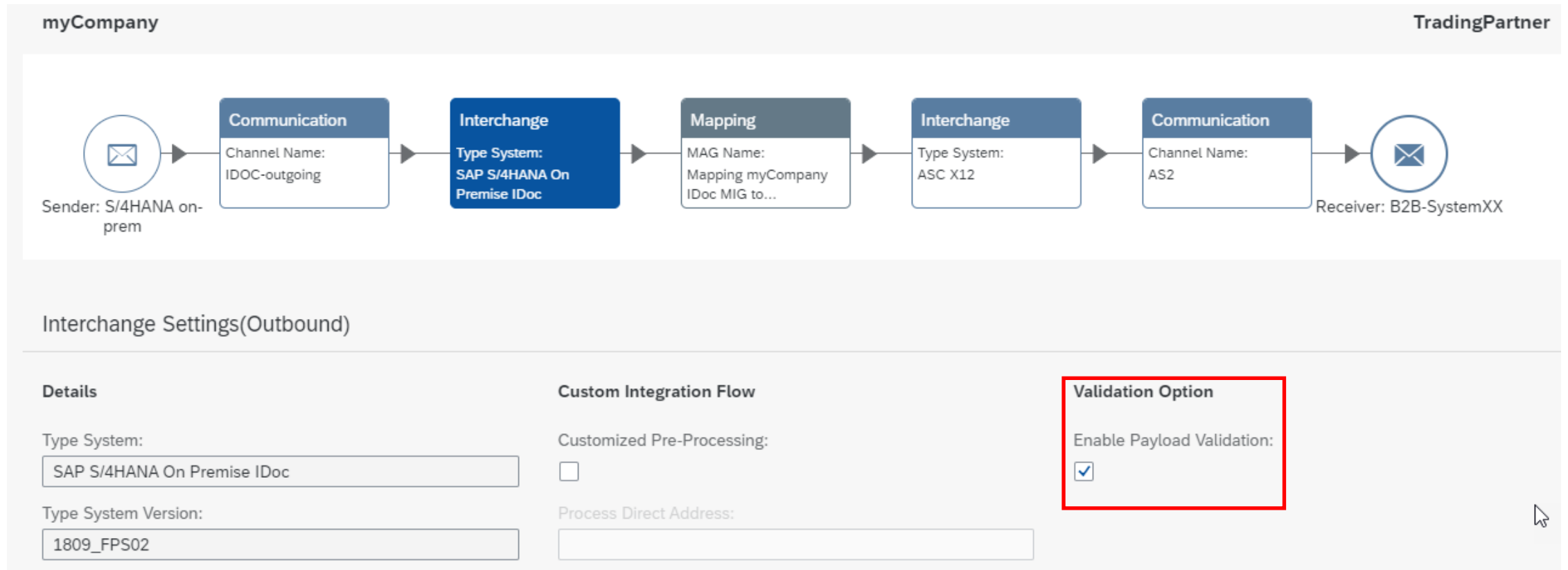
Location ID:

Authentication: Basic

Credential Name: * Suite-Mail-Sender

Save Cancel

TPM: Payload Validation



TPM: Payload Validation in Monitoring

Status:
 Interchange Creation Date Time:
 From:
 To:

Error Category:
 Sender Name:
 Receiver Name:
 Interchange N:

Sender Document Standard:
 Sender Message Type:

Sender Interchange Control Number:

Interchange 41c7162122784ed0945e3ac5b75e4ed9

Interchange Creation Date Time:
March 27, 2023 at 8:52:31 AM GMTZ

Interchanges (16)

Status	Error Category	Sender Name	Receiver Name
Completed		myCompany	TradingPartner
Completed	Interchange Validation Failed	myCompany	TradingPartner
Completed	Interchange Validation Failed	myCompany	TradingPartner
Completed		myCompany	TradingPartner

Error Information

General

Events

Receiver Functional Acknowledgement

Interchange Payload

Interchange Validation Failed

Sender Validating Warning: com.sap.it.xml.validator.exception.XSDSchemaValidationException: Validation failed for: pd:SAP_TPM_d83dd6a56798d4e2f3c8de1c7d10bd63:SOURCE_MIG_XSD:Binary errors: [org.xml.sax.SAXParseException: In content of element <EDI_DC40>: The content model does not allow element <Q{}ARCKEY> to appear immediately after element <SERIAL>. No further elements are allowed at this point. , Line : 2, Column : 606 org.xml.sax.SAXParseException: The content "AG" of element <PARVW> does not match the required simple type. Value "AG" contravenes the enumeration facet "RG" of the type of element PARVW, Line : 2, Column : 866 org.xml.sax.SAXParseException: The content "WE" of element <PARVW> does not match the required simple type. Value "WE" contravenes the enumeration facet "RE" of the type of element PARVW, Line : 2, Column : 1140]. Exchange[ID-3a968aa6-b9bd-48dd-779c-7d7a-1679560307514-23-216]

TPM: Display B2B Payload

General ▾ Events Receiver Functional Acknowledgement **Interchange Payload**

Interchange Payload

Version ▾

```
<?xml version="1.0" encoding="UTF-8"?>
<ORDERS05 xmlns="urn:sap-com:document:sap:idoc:soap:messages">
  <IDOC BEGIN="1">
    <EDI_DC40 SEGMENT="1">
      <TABNAM>EDI_DC40</TABNAM>
      <DOCNUM>0000000000000002</DOCNUM>
      <DOCREL>1809_FPS02</DOCREL>
      <DIRECT>2</DIRECT>
      <OUTMOD>3</OUTMOD>
      <IDOCTYP>ORDERS05</IDOCTYP>
      <MESTYP>ORDERS</MESTYP>
      <MESCOD>EX</MESCOD>
      <MESFCT>A48</MESFCT>
      <STD>X</STD>
      <STDVRS>5010</STDVRS>
      <STDMES>850</STDMES>
      <SNDPOR>SUBSYSTEM</SNDPOR>
      <SNDPRT>KU</SNDPRT>
      <SNDPRN>GPR_020</SNDPRN>
      <RCVPOR>SAPMAT</RCVPOR>
      <RCVPRT>LS</RCVPRT>
      <RCVPRN>S4-UserXX</RCVPRN>
```

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
- 20 mins slot
- Interested to present? Reach out to gautham.krishna@sap.com



What is #AskAnythingIntegration?

Provides a platform for customers, partners, consultants, and participants to ask their most important and top priority questions and get them answered by the panel of experts.

- Questions can be sent upfront or posted directly in the call
- Questions and answers will then be published as a public FAQ document with regular updates and additions

Panel of Experts: Speakers of the monthly webinar + product Management team

Schedule: Runs every alternate month

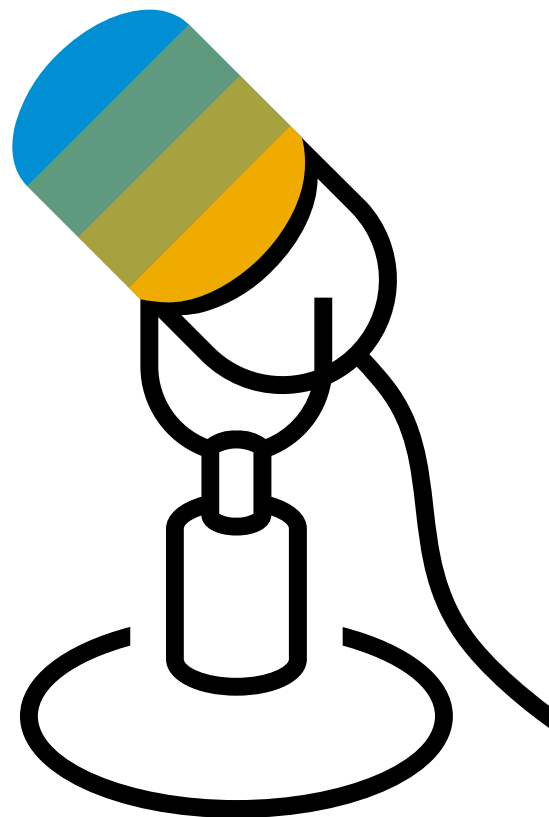
Duration: 20 mins

Moderator: Gautham (gautham.krishna@sap.com)

Note: “Interact with #IntegrationBlackBelt” section will transition to alternate months.



Q & A



Thank you.

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