SAP Integration Suite
Monthly Updates – March 2023

Product Management Team & Guests, SAP Integration Suite
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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](#)
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 the filter the **Fields** list when you're trying to the 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

[Image of a screenshot showing the Test Data Draft Workbench interface with various options and selections.]
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

Interchange Settings (Outbound)

- **Details**
  - Type System: SAP S/4HANA On Premise IDoc
  - Type System Version: 1809_FPS02

- **Custom Integration Flow**
  - Customized Pre-Processing:
  - Process Direct Address:

- **Validation Option**
  - Enable Payload Validation:
    - Enabled (checked)

Sender: S/4HANA on-prem

Communication
Channel Name: IDOC-outgoing

Interchange
Type System: SAP S/4HANA On Premise IDoc

Mapping
MAG Name: Mapping myCompany IDoc MIG co...

Interchange
Type System: ASC X12

Communication
Channel Name: AS2

Receiver: B2B-SystemXX
TPM: Payload Validation in Monitoring

Interchange 41c7162122784ed0945e3ac5b75e4ed9

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

Error Information

Interchange Validation Failed

Sender: myCompany  Receiver: TradingPartner

Error Details:

1. com.sap.it.xml.validator.exception.XDSchemaValidationException: Validation failed for: pd: SAP_TPM_d83d5a556799d4e2fd3c8d1e7e1b6f63.SOURCE_MIG_XSD:Binary
   errors: [org.xml.sax.SAXParseException: In content of element <EDI_DC40>: The content model does not allow element <QJARCCKEY> 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 : 856]
   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[0-3a968a6-b9bd48dd-779c-7d7a-1679560307514-23:216]
TPM: Display B2B Payload

<?xml version="1.0" encoding="UTF-8"?>
<ORDERS05 xmlns="urn:sap-com:document:sap:idoc:soap:messages">
  <!DOCTYPE BEGIN="1">
  <EDI_DC40 SEGMENT="1">
    <TABNAM>EDI_DC40</TABNAM>
    <DOCNUM>000000000000000002</DOCNUM>
    <DOCREL>1809_FF502</DOCREL>
    <DIRECT>2</DIRECT>
    <OUTMOD>3</OUTMOD>
    <IDOCTYP>ORDERS05</IDOCTYP>
    <MESTYP>ORDERS</MESTYP>
    <MESCOD>EX</MESCOD>
    <MESFCT>A4B</MESFCT>
    <STD>X</STD>
    <STDVRS>5010</STDVRS>
    <STDMES>850</STDMES>
    <SNDDPOR>SUBSYSTEM</SNDDPOR>
    <SNDDPRT>KU</SNDDPRT>
    <SNDDPRN>GPR_020</SNDDPRN>
    <RCVPOR>SAPMAT</RCVPOR>
    <RCVPRT>LS</RCVPRT>
    <RCVPRN>S4-UserXX</RCVPRN>
  </EDI_DC40>
</ORDERS05>
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.