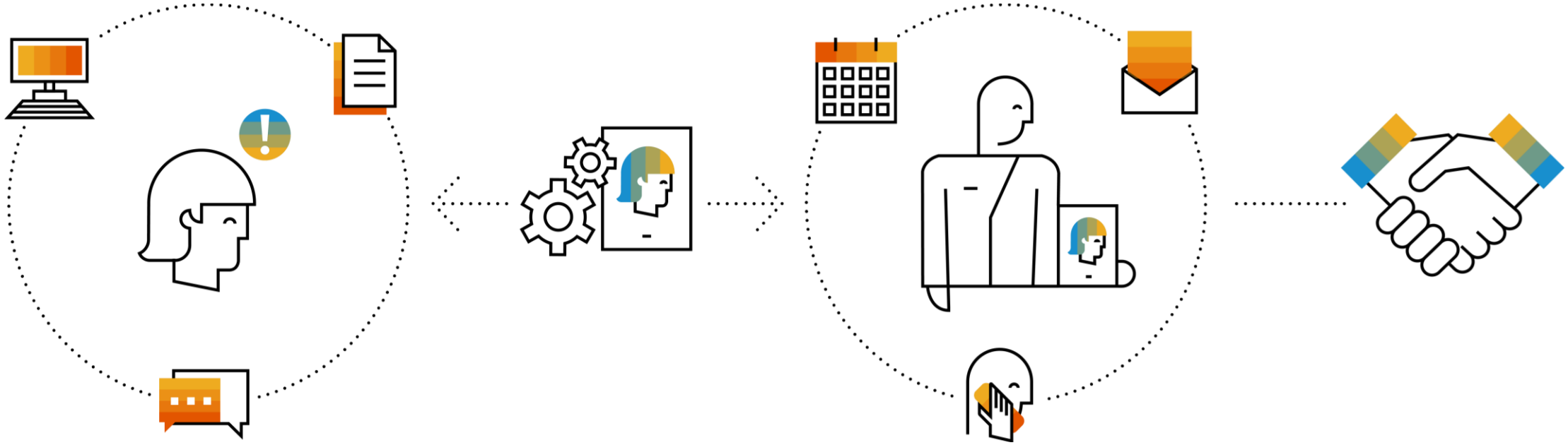

SAP Integration Suite
Monthly Updates – February 2023

Product Management Team & Guests, SAP Integration Suite

THE BEST RUN SAP

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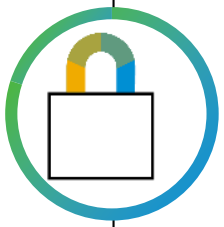
Agenda

- Integration Suite – Finny Babu (10')
- Cloud Integration – Sunny Kapoor (25’)
- B2B – Marco Ertel (15’)
- Process Orchestration/AIF - Alexander Bundschuh (5’)



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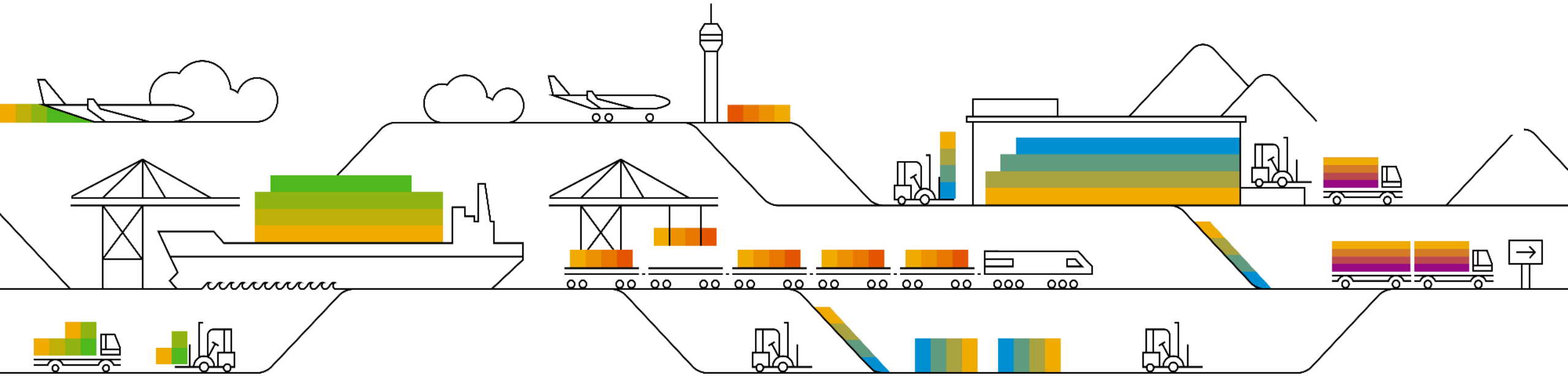
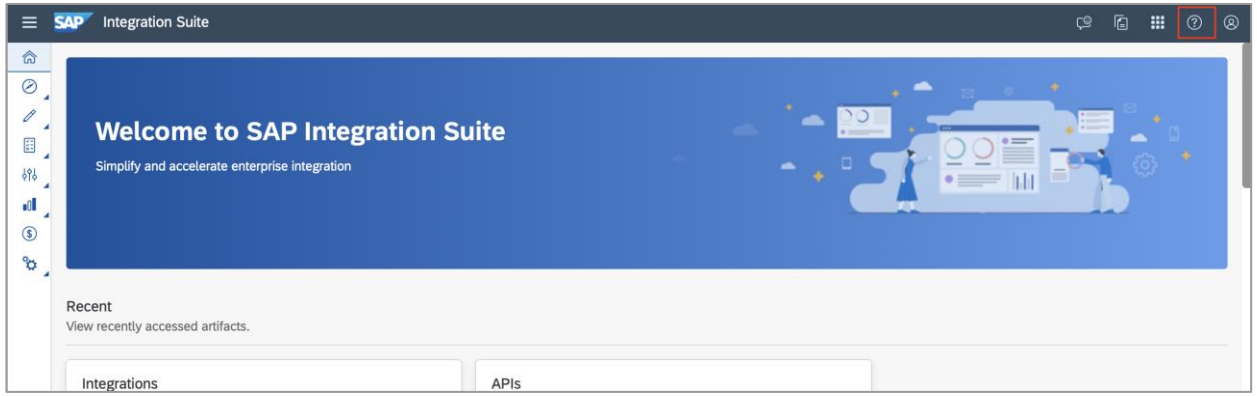
Integration Suite

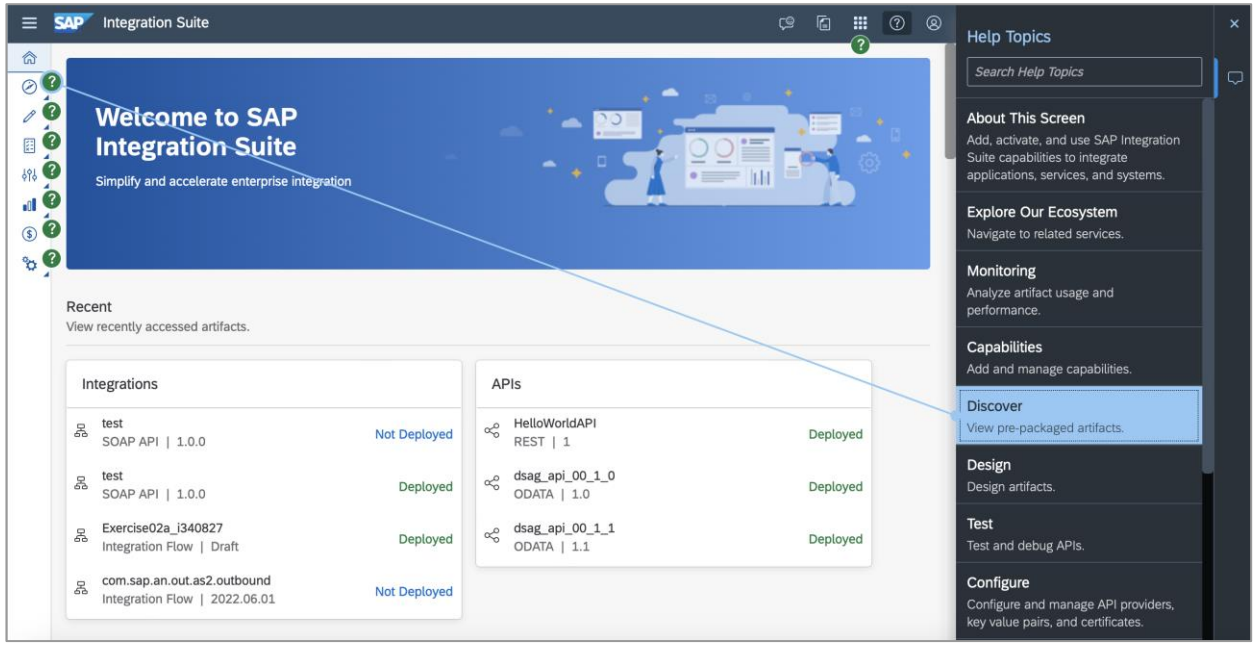


Context Sensitive Help

Powered by SAP Companion

- Enables users to get started quickly and find all relevant information easily, exactly when and where they need it.
- Current Scope:
  - Integration Suite - Home
  - Integration Advisor screens
- Roadmap:
  - Increase the coverage to include other screens & capabilities
  - Guided Tours to get started quickly





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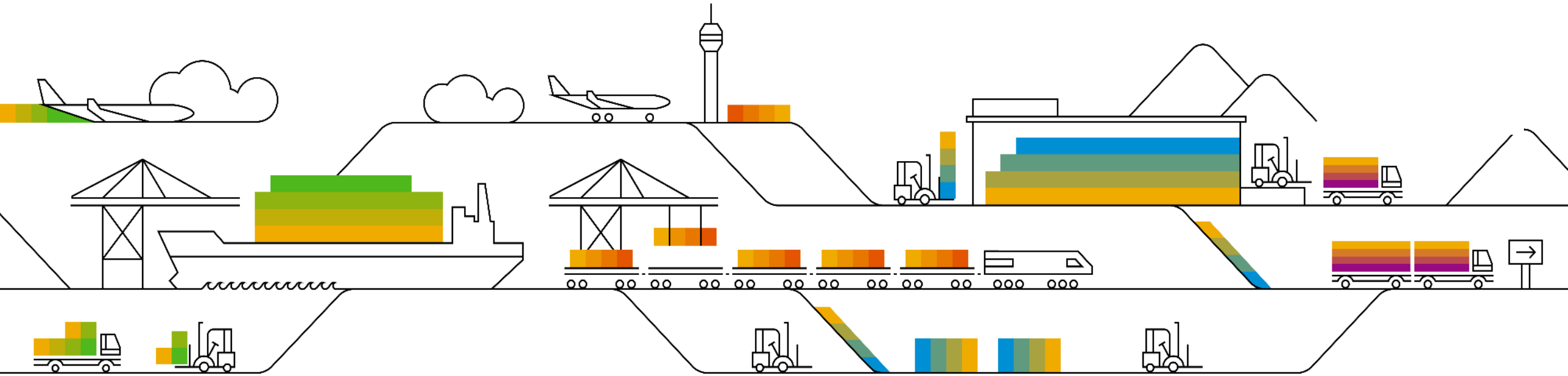
Cloud Integration



Built-in Connectivity to Third-Party Applications Simplified with new Adapters

Slack Adapter

- The Slack sender and receiver adapter help you to create or manage conversations, upload files or chats, create groups, etc. within Slack channel, to meet specific needs effectively and reduce the email count significantly.
- The Slack adapter connects to a user's Slack account from Cloud Integration and performs different operations as supported by the Slack APIs.
- **Key Features:**
  - App, Bot or User Token Based Authorization.
  - Dynamic header and property support in the receiver adapter.
  - Desired response type from Slack (JSON or XML)

Splunk Adapter

- The Splunk sender and receiver adapter will be used for monitoring, searching, analyzing and visualizing the machine-generated data in real time.
- It performs capturing, indexing and correlates the real-time data in a searchable container and produces graphs, alerts, dashboards and visualizations between Splunk and SAP Integration Suite.
- **Key Features:**
  - Basic Authentication and Token Based Authorization.
  - Dynamic header and property support in the receiver adapter.
  - Desired response type from Splunk (JSON/XML).
  - Raw Data can be pushed to Splunk.

Azure Storage Adapter

- The Azure Storage sender and receiver adapter help you to integrate Azure Storage from Microsoft with SAP Integration Suite to perform CRUD operations on four types of storage protocols. These are:
  - Blob Service
  - Queue Service
  - File Service
  - Table Service
- **Key Features:**
  - Shared Access Signature token-based authorization
  - Shared Access Key based authorization
  - Dynamic header and property support in the receiver adapter.
  - Desired response type from Azure (JSON/XML)
  - Post processing File handling

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Update Required for Dedicated Adapters

If you're using an adapter that supports connectivity with one of the following components, make sure to switch to a newer adapter version:

- Salesforce,
- Amazon Web Service,
- Microsoft Dynamics CRM, and
- Sugar CRM.

The older adapter versions are in maintenance and don't get further updates. For more information, see SAP note 3001980.
In particular, these older adapter versions aren't supported in the Cloud Foundry environment (and, therefore, they also aren't supported for SAP Integration Suite).
For more information on the new adapter versions, see:

- AmazonWebServices Sender Adapter
- AmazonWebServices Receiver Adapter
- Microsoft Dynamics CRM Receiver Adapter
- Salesforce Sender Adapter
- Salesforce Receiver Adapter
- SugarCRM Receiver Adapter

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External Logging feature

The External Logging feature enables customers to send message processing logs to an external system, independently of available database storage.

It provides the ability to push message processing logs of Cloud Integration to external customer-owned persistence solutions such as **Splunk**.

If you've already set up **Splunk** as your external logging destination, you can enable the external logging feature.

See: External Logging

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Enhancements in AS2 Sender Adapter

- You can now update the MDN properties of the AS2 sender adapter dynamically.
  See: AS2 Sender Adapter: MDN
- AS2 adapter has been extended to configure the decryption option from the incoming payload.
  See: AS2 Sender Adapter: Security
- You can now specify the source of Partner ID in the AS2 MDN sender adapter.
  See: Configure the AS2 MDN Sender Adapter

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Other Updates

- The new version 1.2 of the Integration Process pool is available with a default **Transaction Handling** value that improves the processing performance of your tenant.
  See: Define Transaction Handling.

- The new header **SapQualityOfService** is set by the XI Sender adapter. It contains the quality of service of the sender system.
  See: Configure the XI Sender Adapter

- Migration from the Neo environment to the multi-cloud foundation now supports the data stores.
  See: Migrating Cloud Integration from the Neo Environment to the Multi-Cloud Foundation

- Handling duplicate attachment names have been improved for the Mail sender adapters (POP3 and IMAP4) by the introduction of GUIDs.
  See: Configure the Mail Sender Adapter

- You can now upload and update an RSA key to the Keystore.
  See: Uploading an RSA Key
  Updating an RSA Key

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Other Updates

- JDBC adapter now supports the On-Premise Postgres database for both Neo and Cloud Foundry tenants.
  See: JDBC for Postgres (On-Premise)

- The AMQP sender and receiver adapters now support client certificate authentication for TCP transport protocol.
  See: Configure the AMQP Sender Adapter
  Configure the AMQP Receiver Adapter

- New Operations Added to **Script Collections** Resource of **Integration Content OData API**.
  You can now navigate to a script collection from an integration package and save a script the collection as a version.
  See: Integration Content

- A new checkbox is introduced to make sure that the runtime status of the integration artifact doesn't go into Error status.
  See: Define a Timer Start Event

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Other Updates

- Handling duplicate attachment names have been improved for the Mail sender adapters (POP3 and IMAP4) by the introduction of GUIDs.
  See: Configure the Mail Sender Adapter

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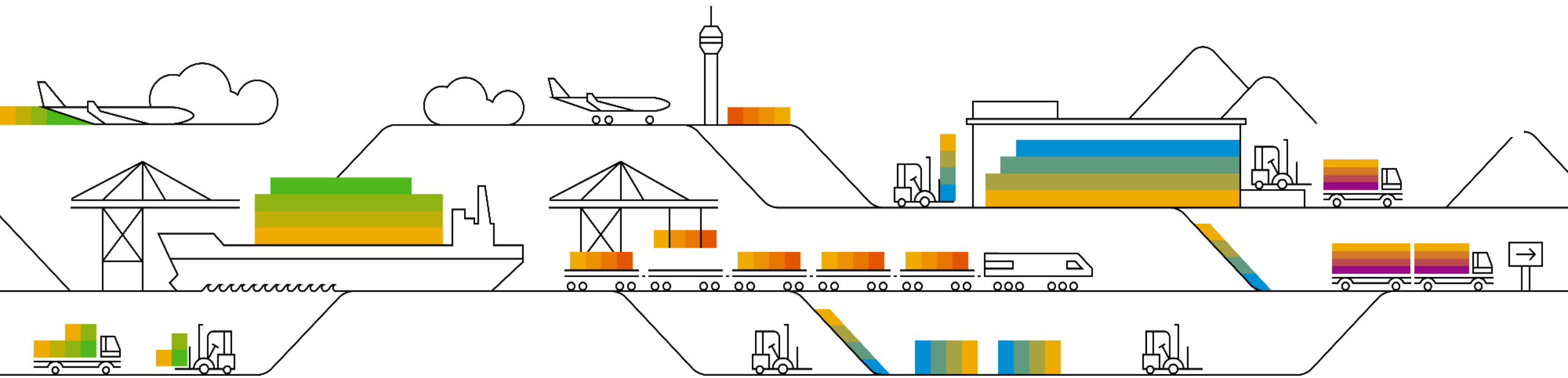
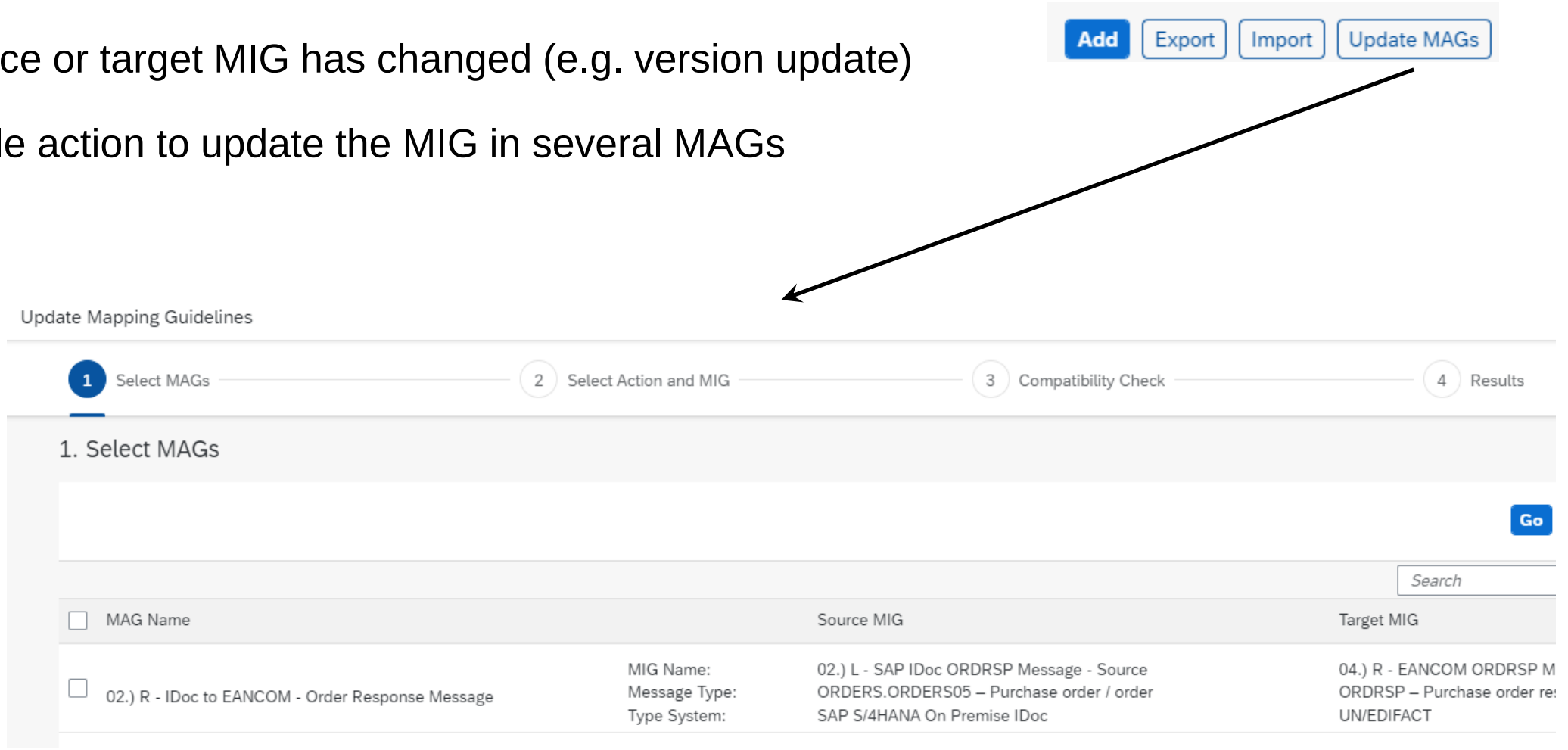
B2B



Integration Advisor: Mass updates

- Several MAGs using the same source or target MIG
- Source or target MIG has changed (e.g. version update)
- Single action to update the MIG in several MAGs



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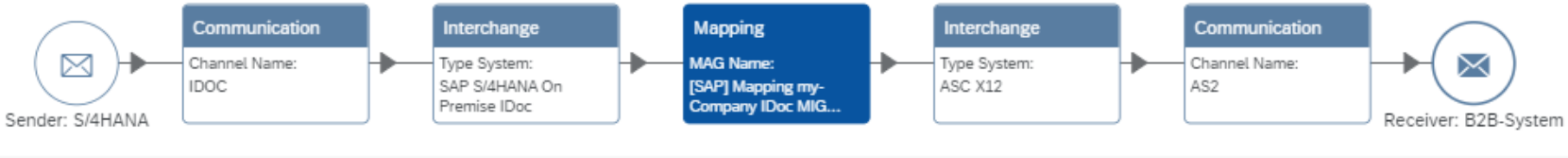
TPM: Parameters

- Influences envelopes and mapping
- Mapping influence via overwriting global parameters of a MAG
- Envelop influence via overwriting envelope parameters
- Parameters can be inherited from company, trading partner or manually created



Parameters(3)

Search

Activity	Role	Data Source	Private Key	Private Value
OutBound			SAP_EDI_REC_Usage_Indicator	development
			CurrencyFunction	EUR
			SAP_EDI_REC_Sender_ID	123456798012345

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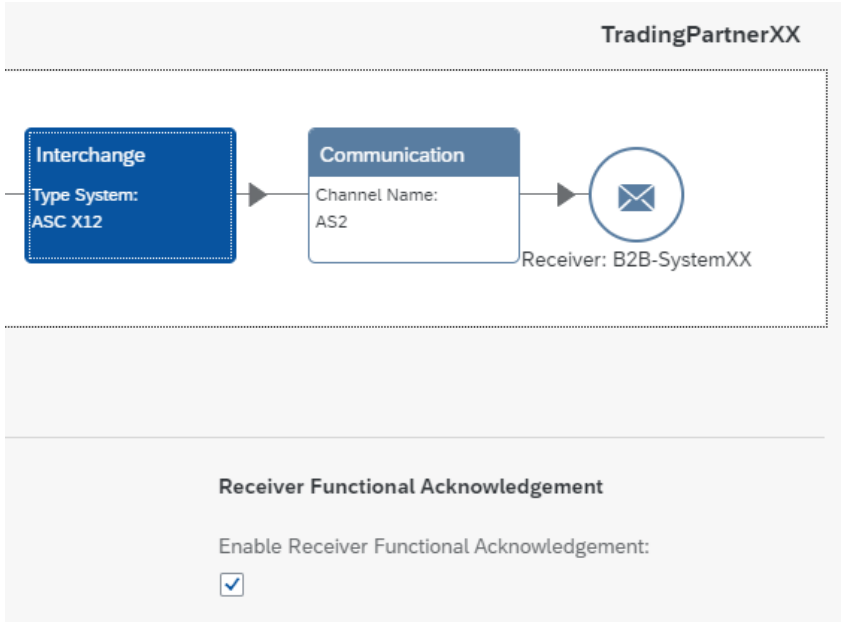
TPM: Functional Acknowledgements

- Can be enabled per Trading Partner Agreement
- Visualized in the monitoring



Interchange 6e32b0ece93343b896c9d3085387924c

Status:
Failed

Processing Status:
Failed

Interchange Creation Date Time:
February 24, 2023 at 12:30:28 PM GMTZ

Receiver Technical Acknowledgment Status:
Acknowledged

Receiver Functional Acknowledgment Status:
Rejected

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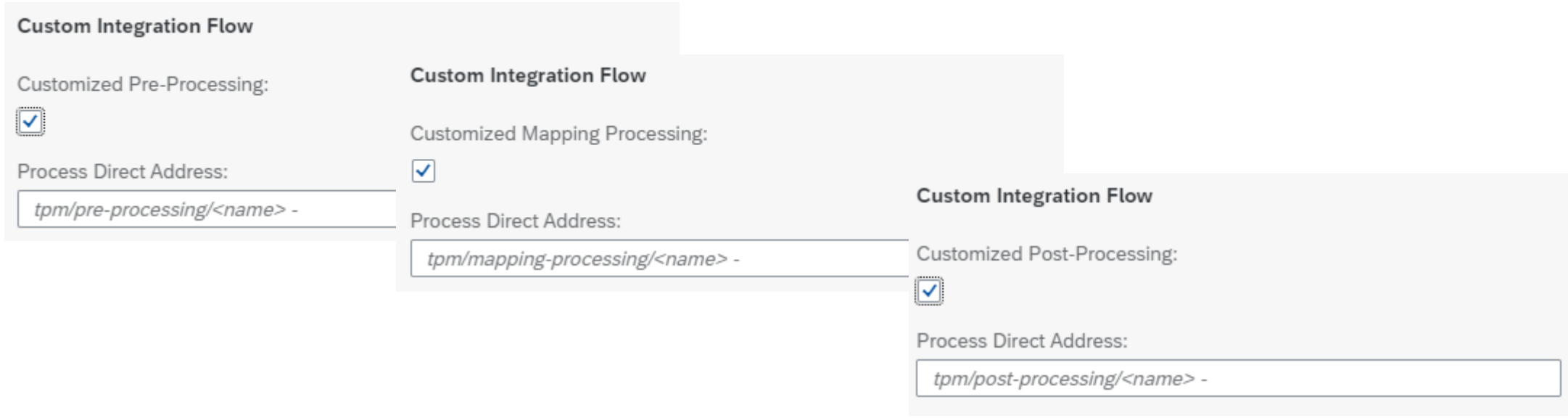
TPM: Process Direct extensions

- Customized pre-processing
- Customized mapping processing
- Customized post-processing

additional iflows can be called with process direct



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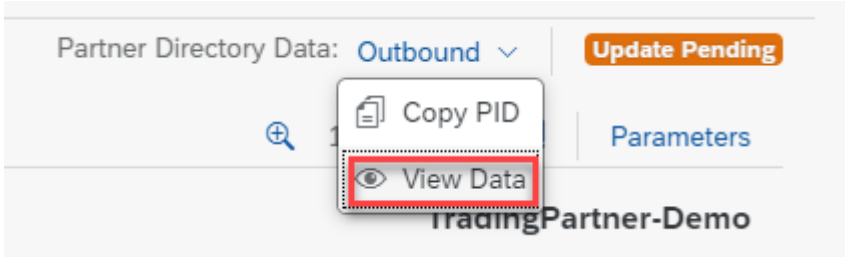
TPM: Partner Directory entries

- All TPM relevant PD entries can be shown
- Navigation in both directions



Partner Directory Data

Search

Partner Directory ID	Activity Plain ID	Agreement Link	Created Date	Last Modified Date
SAP_TPM_d83dd6a56798d4e2f3c8de1c7d10bd63	IDOC-SAP_IDoc--1809_FPS02-GPR_020-----S4-UserXX-----ORDERS ORDERS05	[SAP]Send Purchase Order XX	February 7, 2023 at 10:17:09 AM GMTZ	February 7, 2023 at 10:17:09 AM GMTZ

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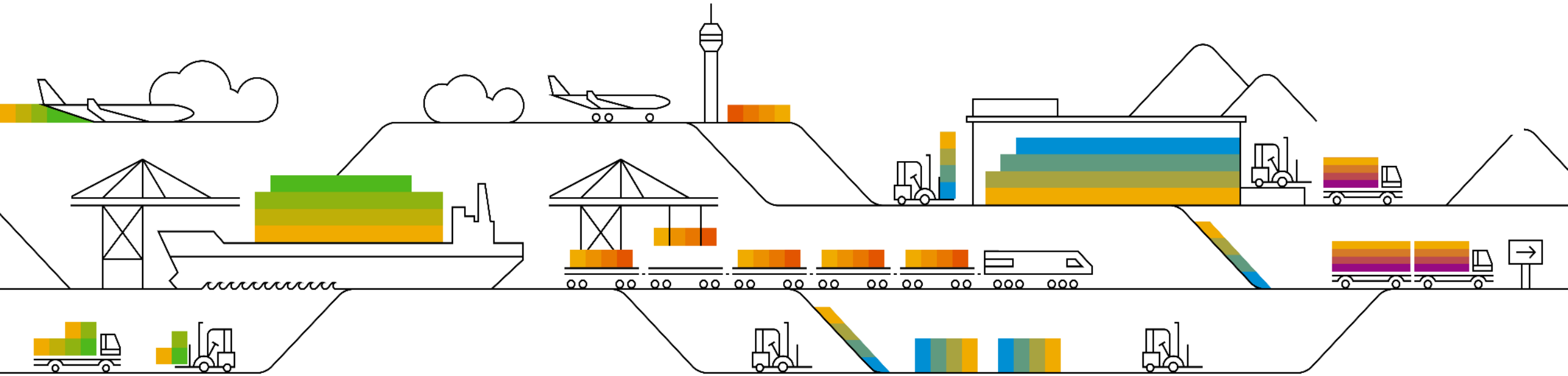
Process Orchestration and AIF



New AIF features with SAP S/4HANA Cloud 2302

New app to **setup alert notifications**

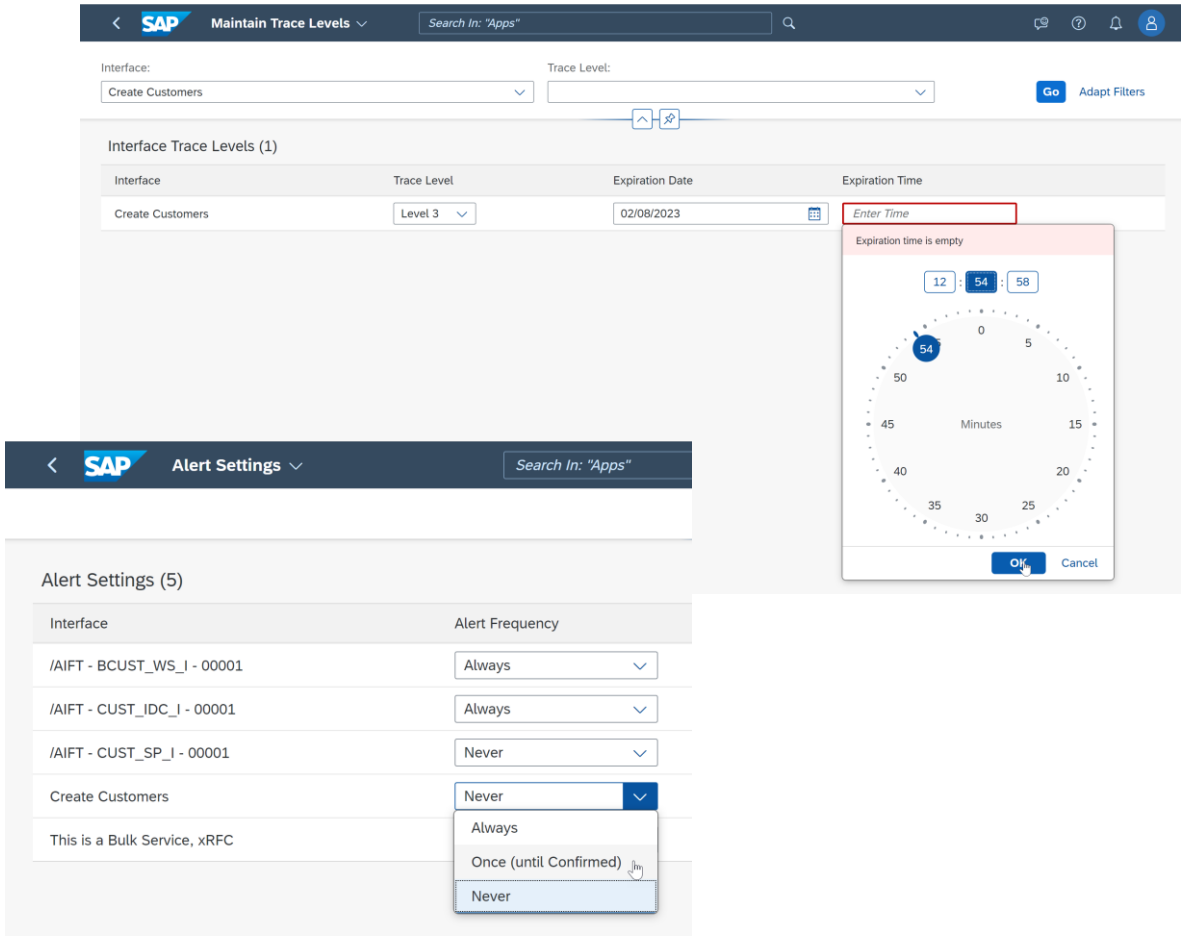
- For each interface that you are assigned to, decide how you get alerted
- Choose between always, once, never

New app to **maintain trace level**

- Increase the trace level to gather more log details

New app for **emergency corrections**

- Lets you edit any payload field regardless whether the field is defined as changeable or not



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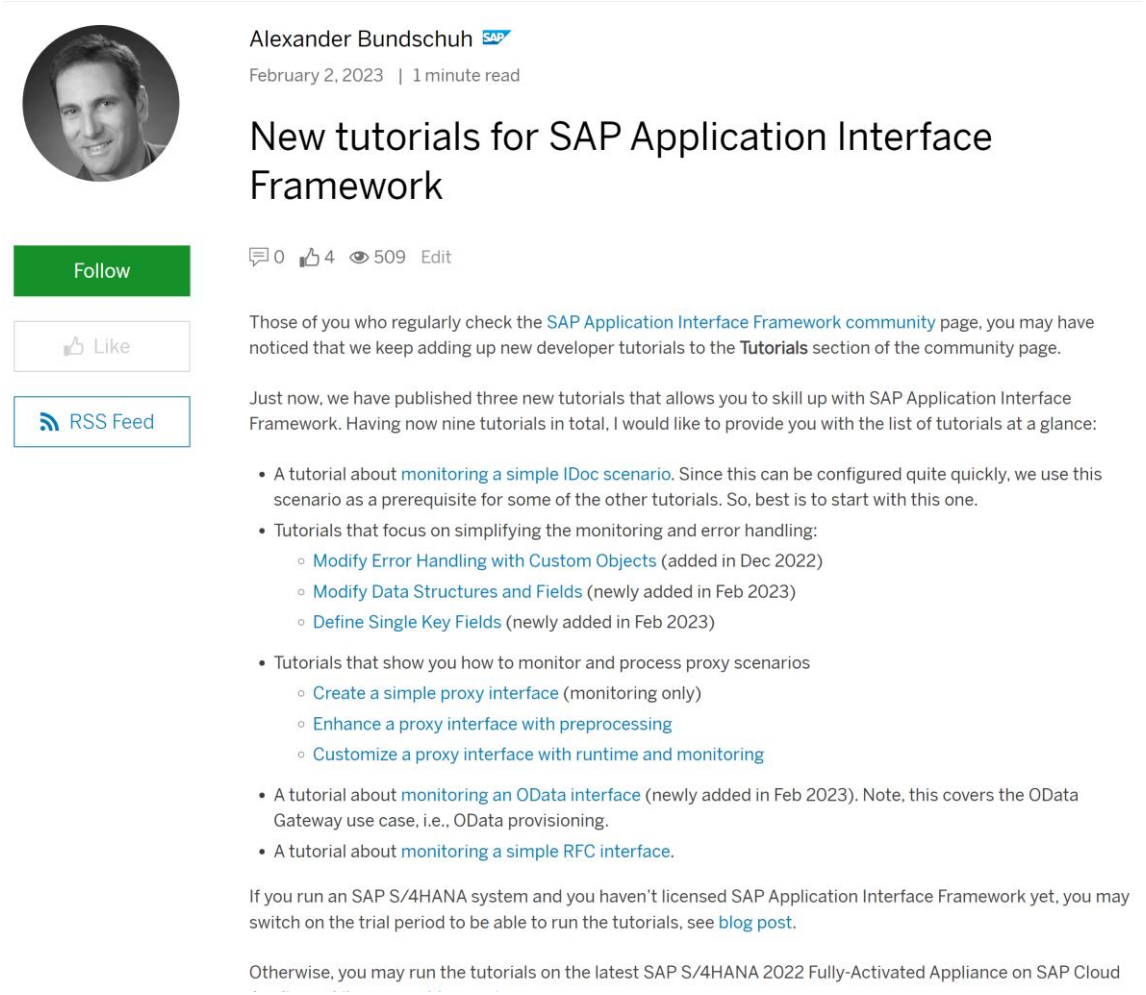
New AIF tutorials

Learn how you can simplify the error handling

- Modify Error Handling with Custom Objects
- Modify Data Structures and Fields
- Define Single Key Fields

Learn how to monitor OData interfaces

Check out tutorial section at the AIF community



Alexander Bundschuh

February 2, 2023 | 1 minute read

New tutorials for SAP Application Interface Framework

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Those of you who regularly check the SAP Application Interface Framework community page, you may have noticed that we keep adding up new developer tutorials to the **Tutorials** section of the community page.

Just now, we have published three new tutorials that allows you to skill up with SAP Application Interface Framework. Having now nine tutorials in total, I would like to provide you with the list of tutorials at a glance:

- A tutorial about monitoring a simple IDoc scenario. Since this can be configured quite quickly, we use this scenario as a prerequisite for some of the other tutorials. So, best is to start with this one.
- Tutorials that focus on simplifying the monitoring and error handling:
  - Modify Error Handling with Custom Objects (added in Dec 2022)
  - Modify Data Structures and Fields (newly added in Feb 2023)
  - Define Single Key Fields (newly added in Feb 2023)
- Tutorials that show you how to monitor and process proxy scenarios
  - Create a simple proxy interface (monitoring only)
  - Enhance a proxy interface with preprocessing
  - Customize a proxy interface with runtime and monitoring
- A tutorial about monitoring an OData interface (newly added in Feb 2023). Note, this covers the OData Gateway use case, i.e., OData provisioning.
- A tutorial about monitoring a simple RFC interface.

If you run an SAP S/4HANA system and you haven't licensed SAP Application Interface Framework yet, you may switch on the trial period to be able to run the tutorials, see blog post.

Otherwise, you may run the tutorials on the latest SAP S/4HANA 2022 Fully-Activated Appliance on SAP Cloud

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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 palak.garg@sap.com

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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: Palak (palak.garg@sap.com)

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

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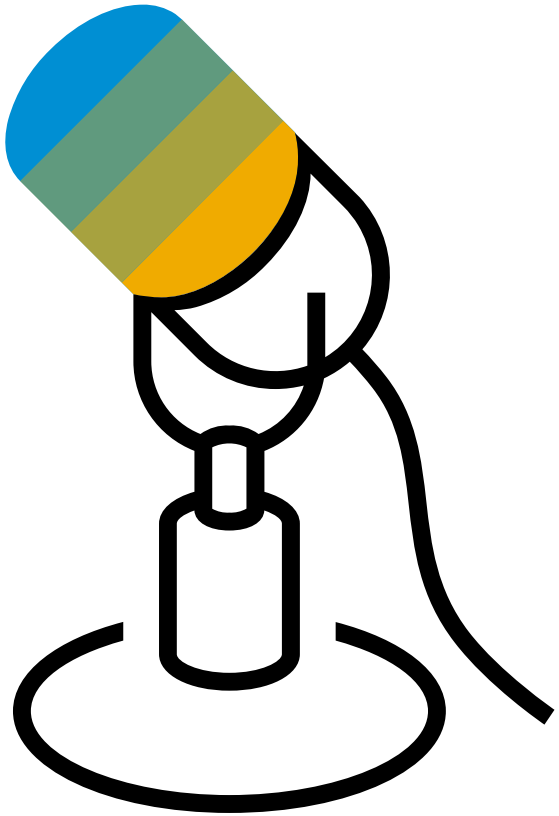
Q & A



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