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Agenda

- Upgrade to new version of third party connectors
- Evolution of SAP Business Accelerator hub
- Edge integration Cell Announcement
- New features in Migration Assessment and Migration tool
- New features in SAP Application Interface Framework
- Open SAP Course B2B
- Q & A
SAP Integration Suite
Action required: Move previous non-SAP adapters to new adapter versions

As per [SAP note 3001980](#) the following previous adapter versions are deprecated since December 31st, 2020:
- Salesforce, Amazon Web Services, Microsoft Dynamics, SugarCRM

There haven't been any new features or enhancements for these previous adapter versions.

**As of January 1st, 2024, the previous adapter versions will no longer run.**

**Action required**

- **Option 1:** Migrate to updated new adapter versions and benefit from multiple new features
  - Migration support documented in [SAP Work Zone](#), e.g. [Salesforce adapter](#), [Amazon Web Services adapter](#)
  - Request access to [SAP Work Zone](#) at Annemarie Kiefer ([annemarie.kiefer@sap.com](mailto:annemarie.kiefer@sap.com))
  - SAP offers tips and tricks
  - Rojo Consultancy as the adapter expert offers consultancy services. Fees apply.
  - For further question and support, open a ticket on the “LOD-HCI-PI-CON-TPRO” component, subject: “Help with upgrading to the OEM adapters”

- **Option 2:** Purchase new Advantco adapter versions from Advantco with support from Advantco only

- For both options: Delete integration flows using the adapters that are no longer in use and undeploy adapters
SAP Business Accelerator Hub
SAP API Business Hub is now **SAP Business Accelerator Hub**
Marketplace to accelerate the customer’s journey to value

- Enable persona-focused landing pages and simplify the discovery
- Accelerate customer’s journey to value with prebuilt content
- APIs continue to be supported, [https://api.sap.com](https://api.sap.com) remains

Business accelerator for discovering APIs, events, and integrations but also business processes, CDS views, and SAP Build content.
SAP Business Accelerator Hub Value Story

- Reduced TCO and risk
- Maximized ROI from SAP software investment

Customer

- Favorable for fixed-price project
- Bigger market for bespoke projects

Partner

- Activation and adoption
- Showcase for innovation

SAP

Prebuilt accelerators
Challenge: Define a journey to connect the right developer to the right content
A developer browses packages by “category” or “BTP runtime”

But, other content causes “interference” in discovery of the content of interest.
A developer interested in a specific product/industry browses packages related to that specific area.
A developer can also consume content under Apache 2.0 (niche scenarios).
A developer interested in an End 2 End IES scenarios can drill down.

IES Diagram
Domains

API Package

Event Package

CDS View Package

Developer Extensibility Package

Integration Packages

Workflow Management Packages

Business Process Packages

Content Package with multiple artefacts

Content Package with multiple artefacts

Content Package with multiple artefacts

Content Package with multiple artefacts

* Roadmap item, subject to change
Edge Integration Cell
SAP’s hybrid integration platform

Business processes

- Recruit to retire
- Lead to cash
- Source to pay
- Plan to fulfill
- Acquire to decommission
- Idea to market

Accelerators

- 3,400+ Prebuilt integrations
- 250+ Connectors to SAP and non-SAP apps
- 3,800+ APIs and data graphs
- 600+ Business events
- 20+ Industry B2B standards
- AI-assisted integrations
- Automated migrations

SAP Integration Suite

- Integration strategy proposals
- API-based and event-driven integrations
- Service composability
- Low-code integration experience
- Security and governance
- Monitoring and operations

Hybrid Integrations in private landscape

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**Edge Integration Cell**

Next-generation “hybrid” integration runtime

- **Flexible deployment** in customer environments
- **Data compliance and governance** by processing data locally
- **Operations** (installation, software updates...) managed by customer
- **Integration studio** for design and monitoring in the cloud
- Integration flows modeled in cloud Integration that are **compatible**
- **Enablement of design and management of APIs** with policies
- **Routing of business events** from SAP applications to event brokers
- **Configuring and managing multiple cells** with a tenant of SAP Integration Suite
- **Business continuity during temporary connectivity loss (up to 4 hr)** *
- **Migration path** for PI/PO customers

* Private landscape corresponds to on-premise or private cloud.

* Part of the road map, beyond GA

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Personas and tasks

System admin
- Provision, maintain, and decommission Kubernetes resources and systems

Tenant admin
- Activate Edge Integration Cell
- Manage roles
- Create and manage edge nodes
- Deploy Edge Integration Cell solution on K8s
- Monitor system
- Manage upgrades
- Operate Edge Integration Cell

Integration and API developer
- Design APIs and integrations
- Deploy, monitor, and execute APIs and integration
- Test, debug, and troubleshoot integration scenarios
High Level Architecture

Prerequisites

Legend
- Mandatory Prerequisite
- Edge Integration Cell
- Optional Component
- External Services
  - Edge Integration Cell (Optional)
Licensing model

- Edge Integration Cell is included as a part of the existing SAP Integration Suite (for standard and premium editions and CPEA and PAYG).
- Additional Edge Integration Cells can be acquired through a separate add-on SKU.
- Only 50% of the messages that are processed by Edge Integration Cell are chargeable (excluding unmodified standard content for SAP-to-SAP software).

Customers will have to subscribe to minimum 1 unit of standard or premium edition SKU.

Add-on SKU will be dependent on SAP Integration Suite standard edition or premium edition.
Demo Sequence

**Activate Edge Integration Cell**
- Activate and enable Edge Integration Cell.
- Create edge nodes and deploy Edge Integration Cell solution on the Kubernetes platform using the edge lifecycle management component.

**Discover integration**
- Discover prebuilt standard content in tenant for SAP Integration Suite and copy it to the designer.

**Configure and deploy integration**
- Configure the standard content, select the runtime profile, and deploy it to Edge Integration Cell.

**Monitor and execute integration**
- Select Edge Integration Cell runtime, check the deployment status, and retrieve the end point.
- Trigger the message for deployed integration scenario and check the message processing logs.
**Demo Sequence**

Create an API

- Create an API in a package using the HTTP endpoint URL

Add policies and transformation steps and deploy the API

- Manage the access of the API endpoint by configuring authentication and add surge protection policies. Convert the response from XML to JSON. Deploy the API to Edge Integration Cell runtime.

Monitor and access the API

- Select Edge Integration Cell runtime, check the deployment status, and retrieve the end point.
- Call the API endpoint and check the logs.
Road map

1. Offline availability to ensure business continuity during temporary connectivity loss (up to 4 hours)
2. Feature parity with Cloud Integration (for example, simulation, access policies)
3. Support for adapters specific to additional edge integration cell (RFC Sender, OFTP2, File, X400)
4. Extension of Kubernetes platform support with RedHat OpenShift
5. Support for additional policies for API

SAP Road Map Explorer
Integration Suite: Migration Assessment and Migration tool
Migration Assessment and Migration tool improvements at a glance

Migration Assessment
- New assessment rules
- Distinguish between SOAP and XI adapter
- Number of processed messages
- Supporting older releases 7.31 and 7.4
- Enhanced log showing extraction status

Migration tool
- New migration templates
  - For async/sync bridge
  - For mail attachments
  - For content-based routing and recipient list
- Supporting mail and OData adapters
- Supporting older releases 7.31 and 7.4
- Header `SapMessageId` added for scenarios with IDoc Receiver adapter to ensure Exactly Once delivery
Migration Assessment
Extraction status

Data Extractions

2 Requests
0 Error
0 In Progress
2 Completed

Request Name | Created On/At | System Name | Status
--- | --- | --- | ---
REQX-POP | Oct 10, 2023, 10:51:19 AM | POP | Completed

Warning

There are some scenarios which are not fully extracted.

Actions

View Dashboard
Migration Assessment
Extraction dashboard

Request / Data Extractions / Extraction Dashboard

Data Extraction Request:
REQX-J2E

Extraction Status:
Extracted with errors 1 more

Sender Communication Party:

Receiver Communication Component:

Interface:

Sender Communication Component:

Namespace:

Receiver Communication Party:

Extracted Integration Scenarios (3)

<table>
<thead>
<tr>
<th>Interface</th>
<th>Namespace</th>
<th>Sender Communication Party</th>
<th>Receiver Communication Component</th>
<th>Extraction Status</th>
</tr>
</thead>
</table>
SAP Application Interface Framework
New AIF features with SAP S/4HANA 2023

Documentation improvements
- Documentation rebuilt
- New technology matrix
New AIF features with SAP S/4HANA 2023

New app for emergency corrections
- Lets you edit any payload field regardless whether the field is defined as changeable or not

New app to maintain trace level
- Increase the trace level to gather more log details

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 AIF features with SAP S/4HANA 2023
Maintain trace levels app

Depending on trace level, the following data is displayed in the logs:

- Error
- Warning
- Information
- Success
New AIF features with SAP S/4HANA 2023
Alert settings app incl. confirmation of alerts
Latest Features

B2B

- Custom Search Attributes in B2B monitoring
- Process direct adapter in TPM for Sender and Receiver
- Import of customer extended Idocs
openSAP B2B course

- Start: 9th January, 2024
- 3 Weeks
- With exercises

https://open.sap.com/courses/btp4
Q & A
Thank you.