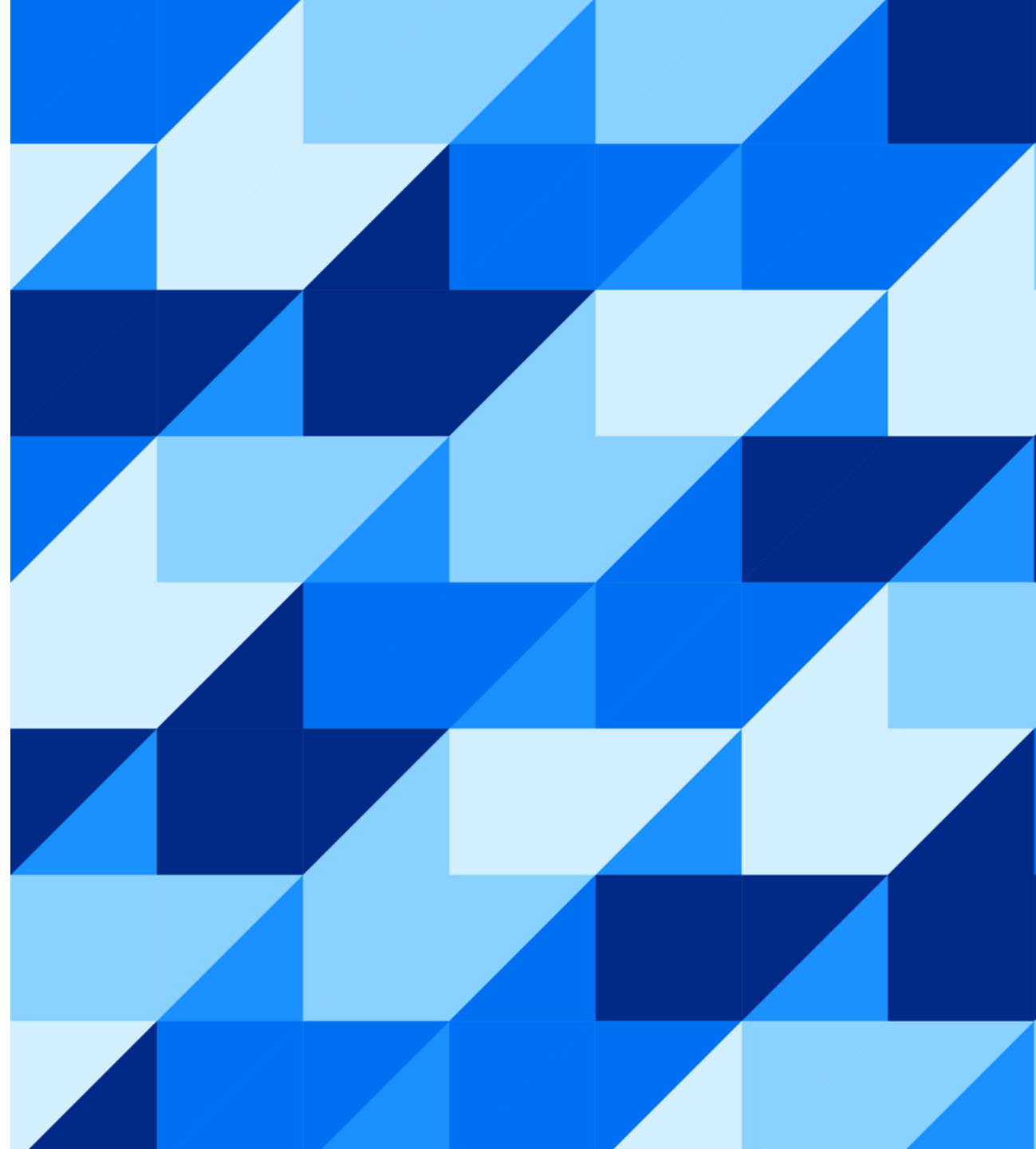




SAP Integration Suite Monthly Updates – February 2024

Product Management Team, SAP Integration Suite
Month 02, 2024

PUBLIC



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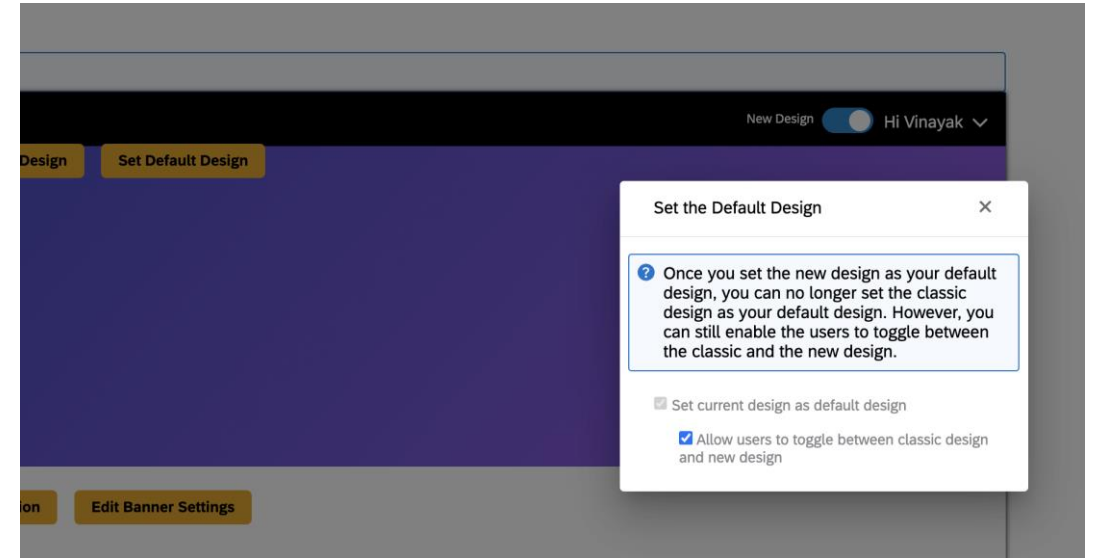
All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

- APIM updates
- Event Mesh| Advanced Event Mesh
- B2B updates
- Upgrade to new version of third party connectors

API Management with Graph

Significant API Business Hub Enterprise (ABHE) / Developer Portal updates

- **Default design:** effective March 2024, the new design of the ABHE will become the default design.
- The classic design of the ABHE will be deprecated in June 2024, you'll still be able to toggle between the new and old design until June 2024 using the **Set Default Design** feature in **Site Editor**.
- **Auto-Registration** of developers to ABHE. If the *AuthGroup* *.API.ApplicationDeveloper* role is directly assigned to developers by the BTP Cockpit Admin , they will get automatically registered as an application developer upon first time login.
- **Manage External Content** option in Enterprise Manager enables the visibility of Business Data Graphs (BDGs)



Significant API Administration (erstwhile API Portal) updates

- API Security: Enhanced **security schemes** available while enabling *API* access across all service plans of API Management. Use cases - ability to generate multiple (& unique) client secrets, ability to use x.509 client certificates instead of client secrets.
 - *API* access for API-Portal
 - *API* access for Developer Portal
 - *API* access for On-Premise connectivity
- Deprecation of weak Client Certificate Chains when uploading certificates to the Trust Store for mTLS handshake, Ref : [3418201 - Deprecation of Weak Client Certificate Chains in API Management \(sap.corp\)](#)
- Policy templates will honor default fault rules or a post-client flow when available within an API proxy.

Event Mesh | Advanced Event Mesh

Fifty-Five Event-Driven Use Cases

HR across multiple systems	Data Lake Updates	Medication Delivery and Tracking	Flight Tracking	Production Line Analysis	Demand Based Supply Chain	Attendance Tracking	Financial Market Data Distribution	Global Event Localization and Distribution	Inventory Management	Event-Driven Forecasting
Weather based Pricing	Water Quality Monitoring	Harbour Management	Elevator Emergency Service	Real Time Inventory	Sales Support	Budgeting and Forecasting	Smart Order Routing	Meter to Cash	Ticketing	Document Update Notification
Supply Chain Control Tower	Digital Twin	Supply Chain Visibility	Customer Guidance	Shipment Notification and Tracking	Credit Card Authorizations	Automatic Ordering	Food Quality Tracking	Sales Order Shock Absorber	Oil Well Monitoring	Mobile Workforce Connectivity
Industrial Maintenance	Real Time Trading	Real Time Loyalty Points	Luggage Tracking	Buffering when Offline	Smart Financial Order Routing	Across Vendor Business Processes	Regulatory Reporting	Online Store Buffering	Smart City	Event Log / Kafka Data Updates
Smart Meter Readings	Predictive Maintenance	Real Time Order Management	Connected Car	Real Time Test Data	Across Vendor Integration	Airport Management	Real Time Payments	Point of Sale	Smart Trashcans	Business Process Documentation

SAP Integration Suite, advanced event mesh: Details

	SAP Integration Suite, advanced event mesh
Fully managed cloud service	✓
Infrastructure model	Exclusive in T-Shirt Sizes
Deployment options	Private and Public Clouds
Connecting SAP and non-SAP systems	✓
Out-of-the-box support for SAP event sources	✓
Support of standard protocols	✓
Message size and storage	Up to 30MB / Up to 6TB
Typical use case size	Small to Ultra Large
Network of event brokers	✓
Advanced event monitoring and analysis	✓
Dynamic event routing	✓
Filtering	✓
Event replay	✓
Event management	✓
Distributed Tracing	✓



Advanced Event Mesh Update

New AEM Bundles

- Distributed Tracing
- Regions
- Connectors

Direct Connectivity between SAP S/4HANA and AEM

- SAP S/4HANA 2308 available now
- Downport for 2022 available in the summer
- SAP S/4HANA Public Cloud in February

New Features for Events in SAP S/4HANA

- 600+ Extensible Standard Events in S/4HANA
- Derived Events
- Local Events
- Source Side Filtering
- Context Extensibility

CAP to support AEM

Integration Suite and AEM – Connector allowing Mediation and Orchestration

More to come ...



AEM Standard Service Plan

Inclusion of **Distributed Tracing** into every broker service

- All broker tiers in the Standard Plan will have Distributed Tracing included

Inclusion of **Deployment Regions** (Dedicated or Customer Private) into every broker service

- Customers can choose Shared / Dedicated / Private Regions for their broker services at no additional cost

Extend the **spool size** of a broker up to 6 TB (separate SKU at additional cost)

- In increments of 500GB per broker

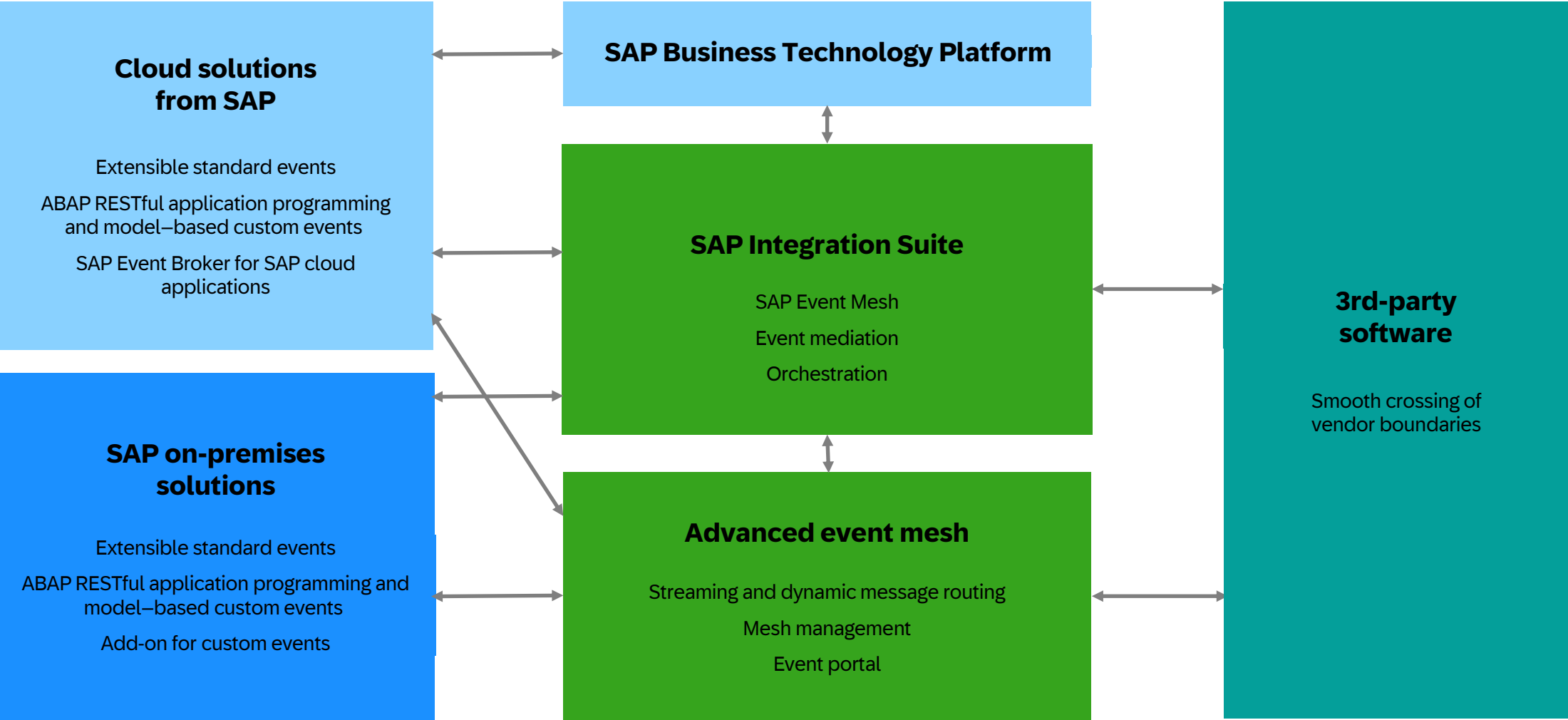
Subscriptions now available via "Standard" Service Plan

CPI AEM Adapter available via [Business Accelerator Hub](#)

Kafka Bridging to connect AEM to Apache / Confluent Kafka



Intelligent enterprise EDA from SAP



Hybrid, heterogenous customer landscapes across SAP and non-SAP solutions



B2B : Trading Partner Management | Integration Advisor

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B2B updates

- TPM: TRADACOMS
- IA: Duplicate nodes
- IA: Custom type systems changes
- IA: Code Value Mapping additions
- IA: Mapping Conditions

TRADACOMS

- TRADACOMS now completely supported over the Integration Suite
 - CI: added functionality in Converters (EDI2XML, XML2EDI, EDI Splitter)
 - IA: added as an additional Type System
 - TPM: usable as Type System for Company and for Trading Partner


EDI to XML Converter

General EDIFACT X12 **TRADACOMS**

Source Encoding: ▼

Conversion Preference: ▼

Create Message Implementation Guideline

 **TRADACOMS** – Tradacoms EDI Standard

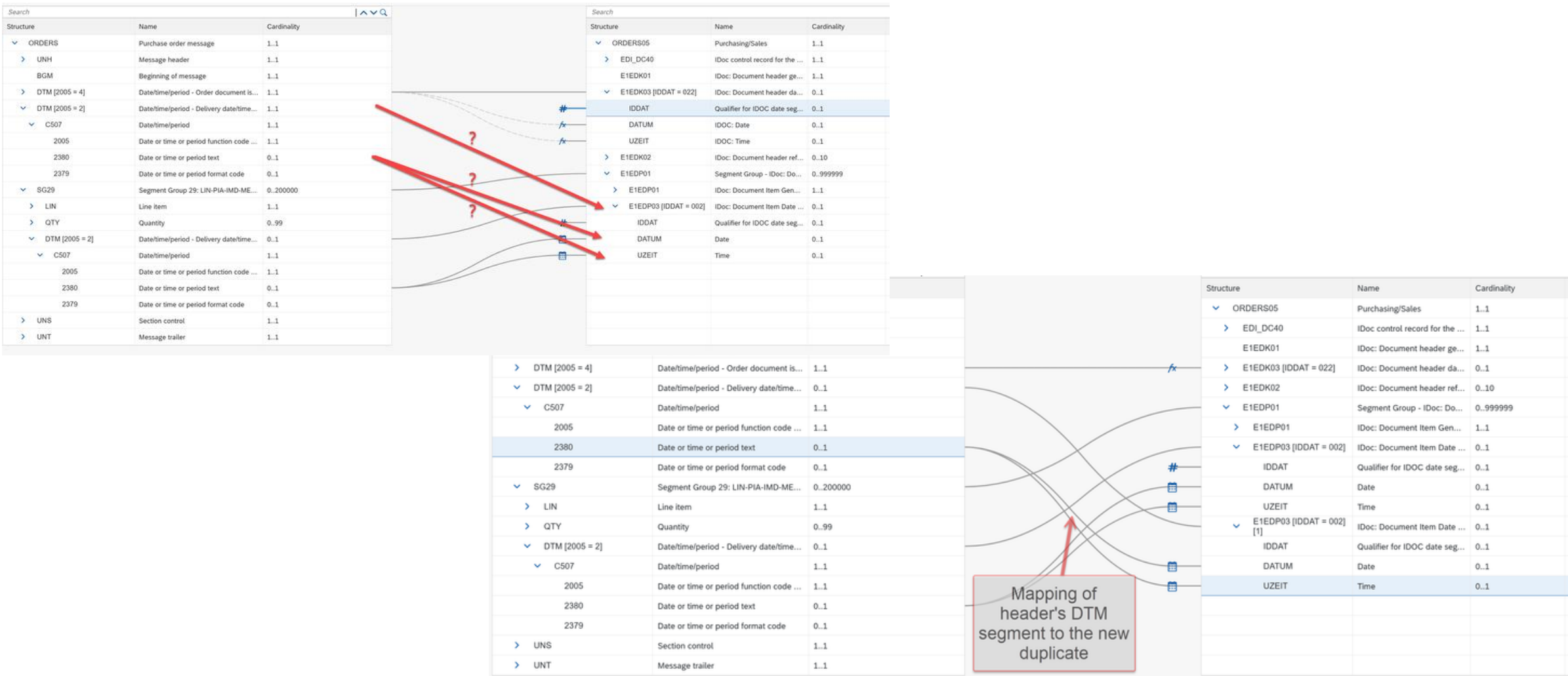
TRADACOMS was the core UK message standard used by retailers and wholesalers for EDI order and suppliers. However, since 1998, existing users have...

Create Type System

Name: * ▼

Version: * ▼

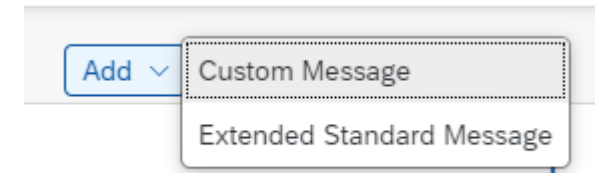
IA: duplicate Nodes



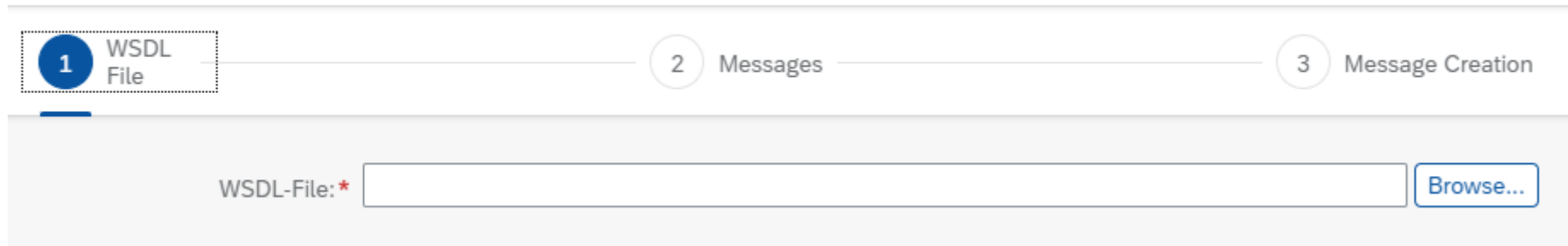
More information: [Duplication of Target Nodes in Integration Advisor](#)

IA: News for custom Type Systems

- Custom messages can be created (as already known) from xsd
- Custom message can be custom IDocs or extended IDoc Message
- Custom SOA message with WSDL file



Create Custom Message



The screenshot shows a form titled 'Create Custom Message'. At the top, there is a progress bar with three steps: 1. WSDL File, 2. Messages, and 3. Message Creation. Step 1 is currently active, indicated by a blue circle and a blue underline. Below the progress bar, there is a label 'WSDL-File: *' followed by a text input field. To the right of the input field is a blue button labeled 'Browse...'.

IA: Code value mapping extension

- Combination of multiple source elements can be mapped to a target

Source Element	Target Element
itemStat	itemStat
CountryC	CountryCode
Address	Address

Mapping List Status Properties Notes (0) **Code Value Mapping**

Code Value Mapping [Switch to Function](#) [Copy](#) [Assign Global Mapping](#) [Create Global Map](#)

Default Value: * ACCP -- Accepted by Seller

	Source Code Values: itemStatus	Source Code Values: CountryCode	Target Code Values
	CONF -- Confirmed by Seller	(any value)	ACCP -- Accepted by Seller
	CONF -- Confirmed by Seller	AD -- Andorra	ACCP -- Accepted by Seller

IA: Mapping Conditions

- Helpful if existence of a target element depends on conditions (without XSLT functions)

Structure	Name	Cardinality
Order	Purchase Order...	1..1
message	Message Instan...	1..1
version	Message Versio...	1..1
OrderData	Order Data	1..1
Order	Order Identificat...	1..1
Order	Date and Time ...	1..1
Item	List of Order Ite...	1..*

Structure	Name	Cardinality	Status
Order	Purchase ...	1..1	
message	Message I...	1..1	
version	Message V...	1..1	
OrderData	Order Data	1..1	
Order	Order Ident...	1..1	
Order	Date and T...	1..1	
Item	List of Ord...	1..*	

Mapping List Status Properties Function **Condition** No

Source	Source No...	Cardinality	Mapping	Condition
/Order/me...	Message I...	1..1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
/Order/ver...	Message ...	1..1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
/Order/Or...	Date and ...	1..1	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Definition

☒ Local Code ☐ Shared Code

XPath Code

(: The content below is only a placeholder and can be replaced. :)

(: It allows node creation if at least one of the conditional nodes exists. :)

boolean(\$nodes_in/*)



SAP Integration Suite

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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 March 1st, 2024, the previous adapter versions will no longer run.

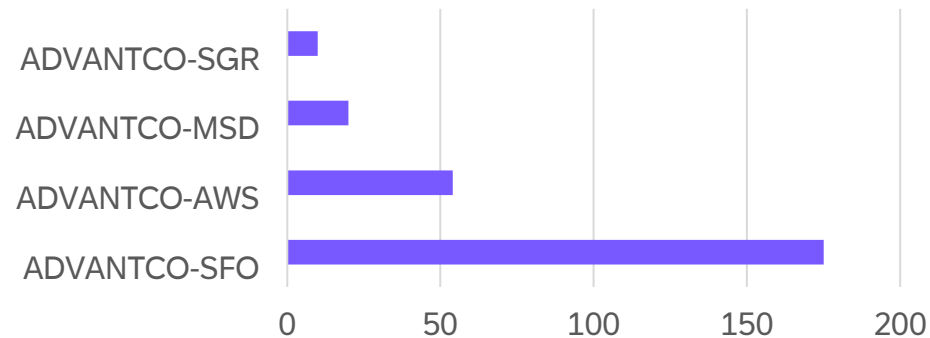
Action required

- 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)
 - 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

Getting ready for the Apache Camel upgrade

Check your Cloud Integration tenants for deployed Advantco adapters and undeploy and delete them:

Adapter instances



If you not sure, contact me and I (annemarie.kiefer@sap.com) can provide the details.

Notification in your Cloud Integration tenant

The screenshot displays the SAP Integration Suite user interface. At the top, a dark blue header bar contains the SAP logo, the text 'Integration Suite', and a series of icons including a bell (notifications), a chat bubble, a document, a grid, a question mark, and a user profile. A notification dropdown menu is open, highlighted by a red rectangular border. The menu has a title 'Notifications (1)' and a close button (X). The notification itself is titled 'Apache Camel Upgrade' and contains the text: 'Apache Camel 3.14 runtime will soon replace the existing 2.24 version. Validate your custom integration adapters in the new runtime before your production tenants are updated. To know more, see SAP Note [3326553](#)'. The main content area of the interface features a large blue banner with the text 'Welcome to SAP Integration Suite' and 'Simplify and accelerate enterprise integration'. Below this, a 'Recent' section is visible with the text 'View recently accessed artifacts.' and a list of artifacts.

Notifications (1)

Apache Camel Upgrade

Apache Camel 3.14 runtime will soon replace the existing 2.24 version. Validate your custom integration adapters in the new runtime before your production tenants are updated. To know more, see SAP Note [3326553](#)

Welcome to SAP Integration Suite

Simplify and accelerate enterprise integration

Recent

View recently accessed artifacts.

Getting ready for the Apache Camel upgrade

You migrated your integration scenarios to use the SAP Integration Suite OEM adapters*.

Adapter Name	Technical Name	Download Zip File Name	Latest Version
Amazon Web Services	AmazonWebServices	CPISADPTAWS	1.0.8
Salesforce	Salesforce	CPISADPTSFO	1.0.18
Microsoft Dynamics CRM	MicrosoftDynamicsCRM	CPISADPTMSD	1.0.6
SugarCRM	SugarCRM	CPISADPTSGR	1.0.2

The adapters are Camel 2.x-compatible.

Camel 3.x-compatible adapter versions are available for the **latest adapter version** on SAP for Me.

Do do: Check your adapter version and migrate to the latest adapter version first.

*Find the adapters on SAP Business Accelerator Hub, for example: <https://api.sap.com/package/SalesforceAdapter/overview>

OEM Adapter Upgrade in SAP Cloud Integration and SAP Integration Suite

- Goto Settings >> Camel 3.14 Upgrade
- Select the checkbox *Enable porting of your existing OEM adapters to Apache Camel 3.14 runtime*

Allows automatic porting of OEM adapters into your tenant once the tenants are migrated

You can also do it manually, by downloading OEM adapters from *SAP for Me* and then uploading them here.

If you do both, the automatic porting option wins.

SAP Integration Suite

Runtime Profiles Transport System Custom Tags Malware Scanner **Camel 3.14 Upgrade** More

Upload Custom Adapter

Apache Camel 3.14 runtime will be available soon, replacing the existing 2.24 version. You can request a test tenant to validate and upload the adapted custom integration adapters before the software is updated with the new runtime version. Learn more about [Custom Integration Adapter](#).

Upload the custom integration adapters, which are compatible with Apache Camel 3.14 runtime.

Adapters (0) **Upload**

Adapter Name	Version	Description	Actions
No adapter uploaded			

☐ Enable porting of your existing OEM adapters to Apache Camel 3.14 runtime.

OEM Adapter Versions on SAP for Me

<https://me.sap.com/softwarecenter> >> SUPPORT PACKAGES & PATCHES >> By Alphabetical Index (A-Z) >> C >> look for “SAP CP IS ADAPTER ADVANCE PACK” & “SAP CP IS ADAPTER BASE PACK”

SAP CPIS SALESFORCE ADAPTER

DOWNLOADS

INFO

ECCN INFO

Multispanning: Packages that are larger than 4 GB will be packed in an archive, which is split into 4 GB parts. All archives need to be downloaded and unpacked. For more details on multispanning and how to extract the multi-part .exe archive on UNIX See [SAP Note 886535](#).

Items Available to Download (2)

OS INDEPENDENT

Selected Items (0)

<input type="checkbox"/>	Name	Patch Level	File Type	File Size	Release Date	Change Date	Related Info
<input type="checkbox"/>	CPIADPTSFO_32-70006141.ZIP						
<input type="checkbox"/>	SP 00 PL 32 for SAP CPIS SALESFORCE ADAPTER - Camel 3x			Camel 3.x compatible version	01.2024	01.01.2024	
<input type="checkbox"/>	CPIADPTSFO_18-70006141.ZIP						
<input type="checkbox"/>	SP 00 PL 18 for SAP CPIS SALESFORCE ADAPTER			Camel 2.x compatible version	01.2024	01.01.2024	

Do do: Download the Apache Camel 3.x compatible adapter version.

Last step and where to find more information

After the Apache Camel upgrade, the Apache Camel 2.x-compatible adapter is still part of the design time.

To do: Delete the Apache-Camel 2.x-compatible version from the **design time** and upload the Apache Camel 3.x-compatible version.

Further Information:

- [Apache Camel Upgrade documentation for Neo](#)
- [Apache Camel Upgrade documentation for CF](#)
- [3326553 - Apache Camel Runtime 3.14.7 Upgrade - SAP for Me](#)

Adapter	Latest Version
ServiceNow	1.0.3
Workday	1.0.5
Dropbox	1.0.5
Slack	1.0.1
Splunk	1.0.3
Azure	1.0.3
Microsoft SharePoint	1.0.1
Rabbit MQ	1.0.4



Q&A

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