

SAP Integration Suite

Monthly Updates – November 2023

Product Management Team, SAP Integration Suite
November 28, 2023

Public



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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.

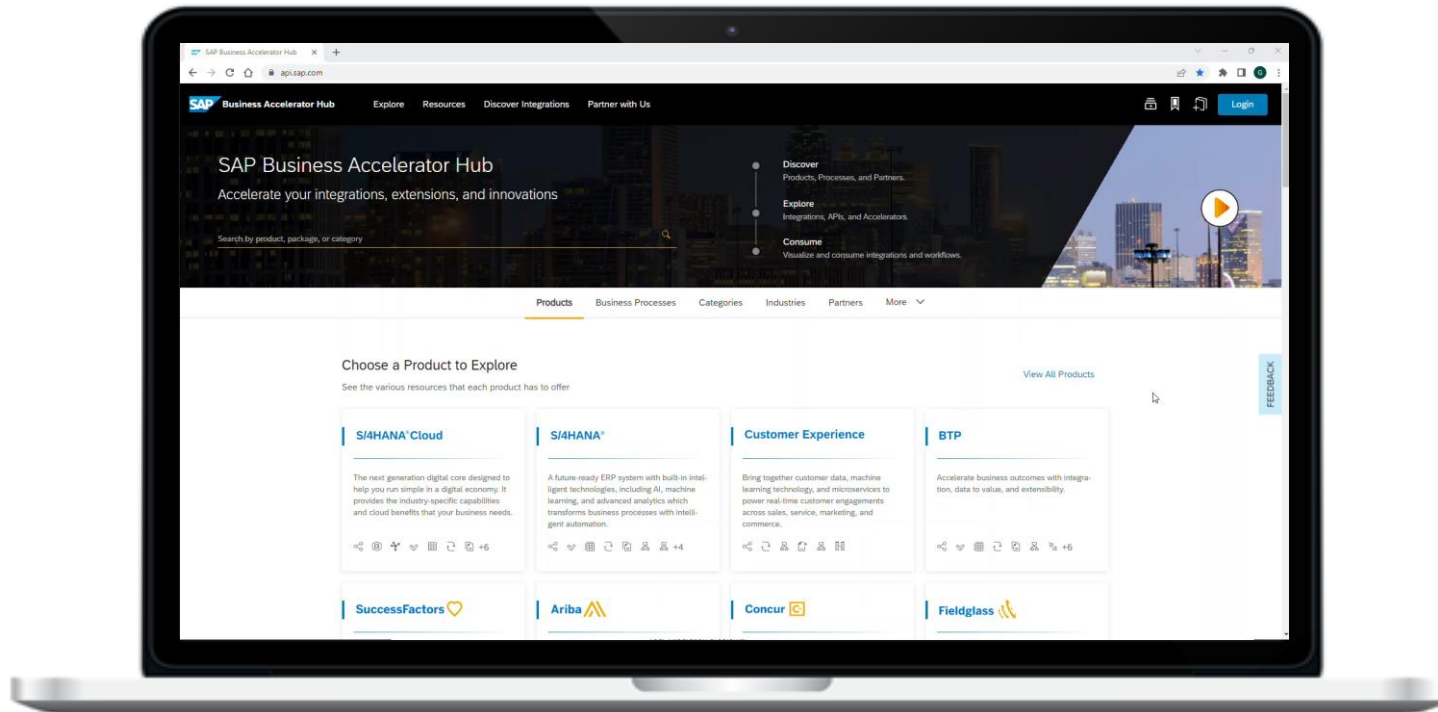
Action required

- 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)
 - 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

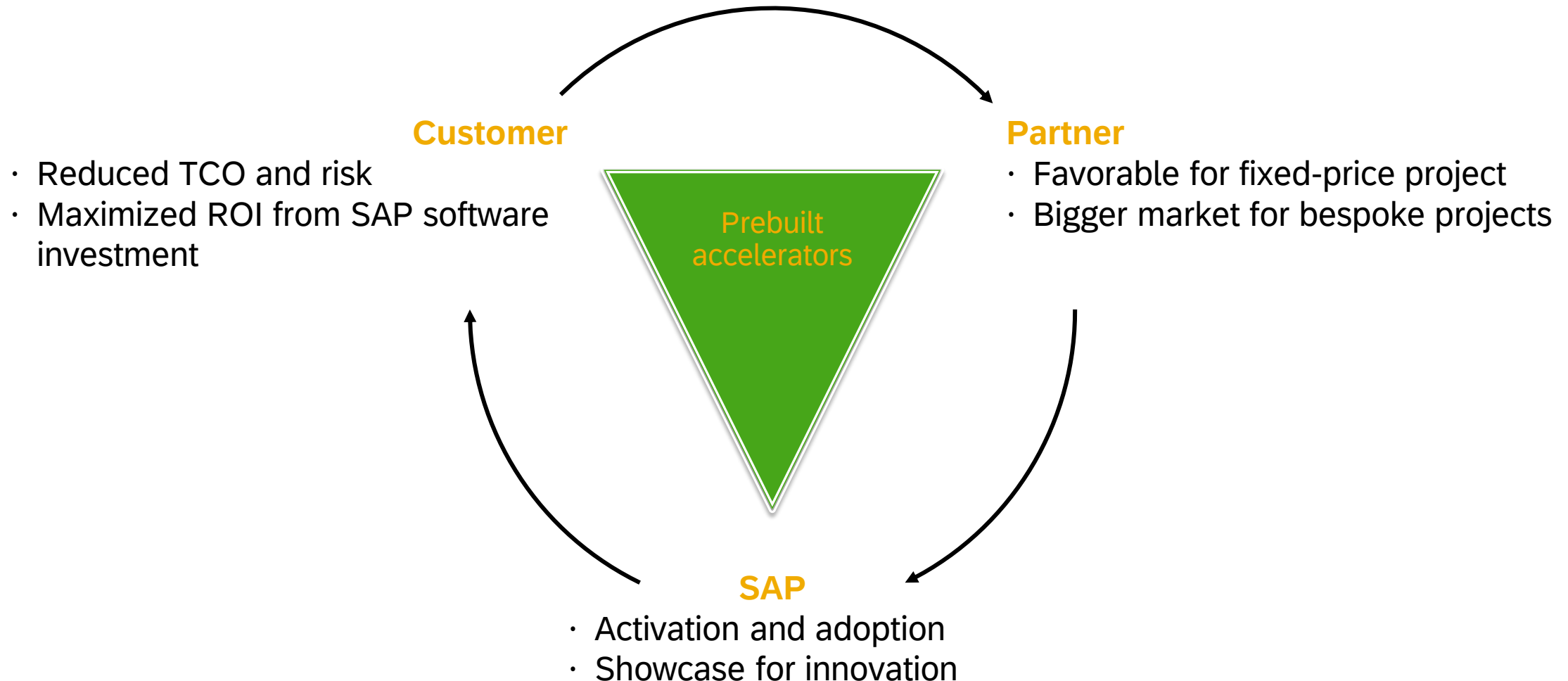


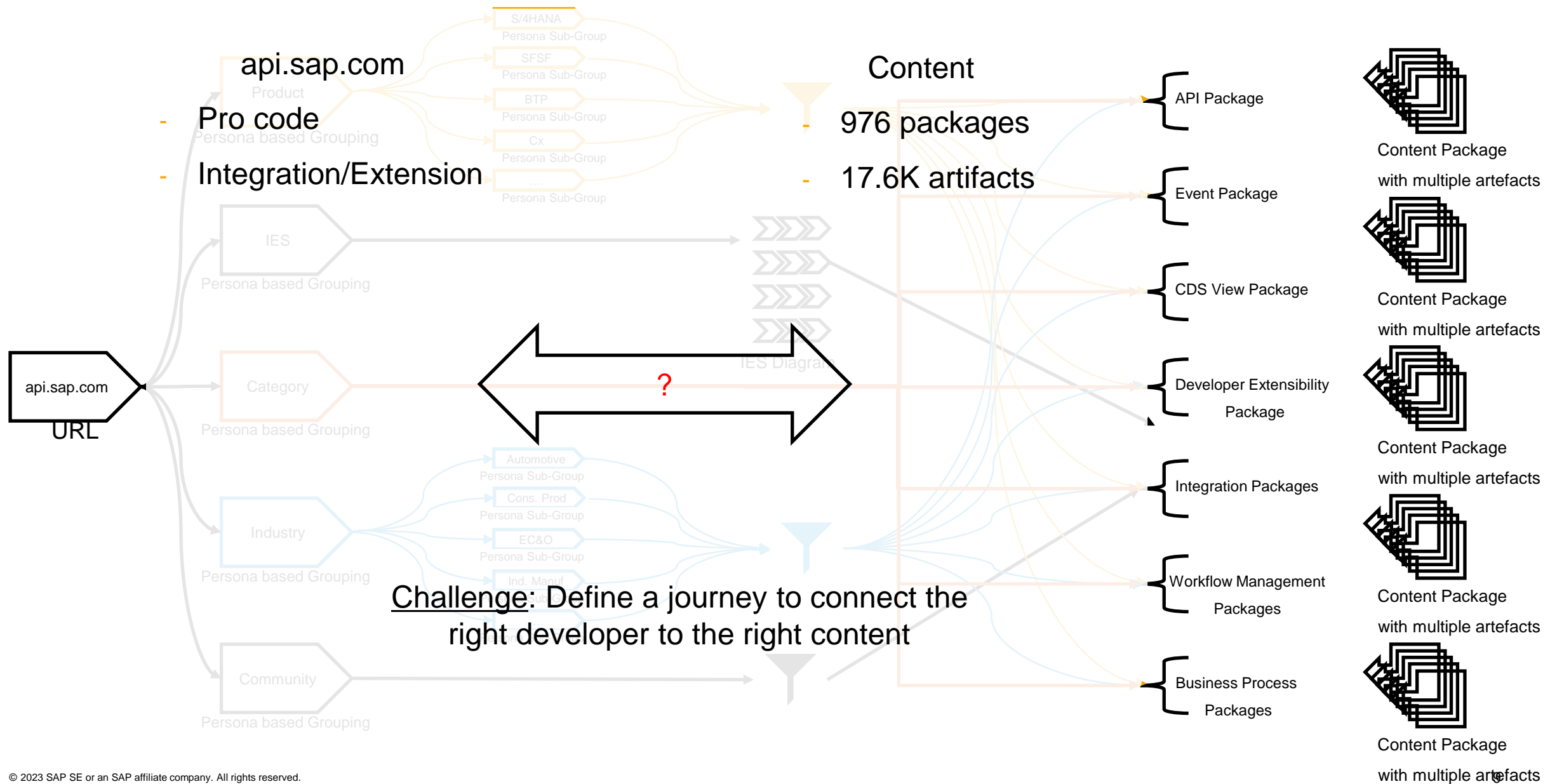
- Enable persona-focused landing pages and simplify the discovery
- Accelerate customer's journey to value with prebuilt content
- APIs continue to be supported, <https://api.sap.com> remains

[Blog](#)

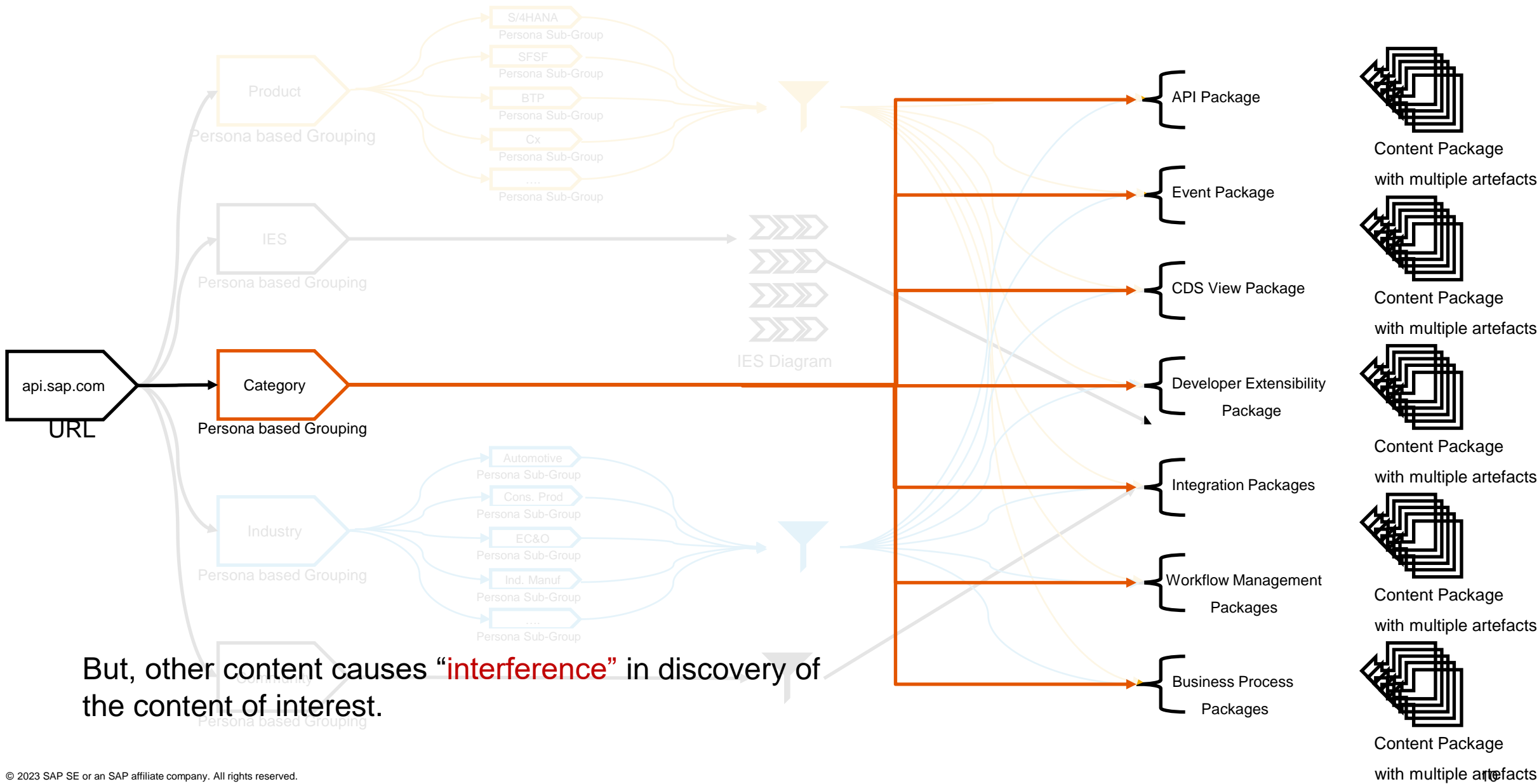
Business accelerator for discovering APIs, events, and integrations but also business processes, CDS views, and SAP Build content.

SAP Business Accelerator Hub Value Story

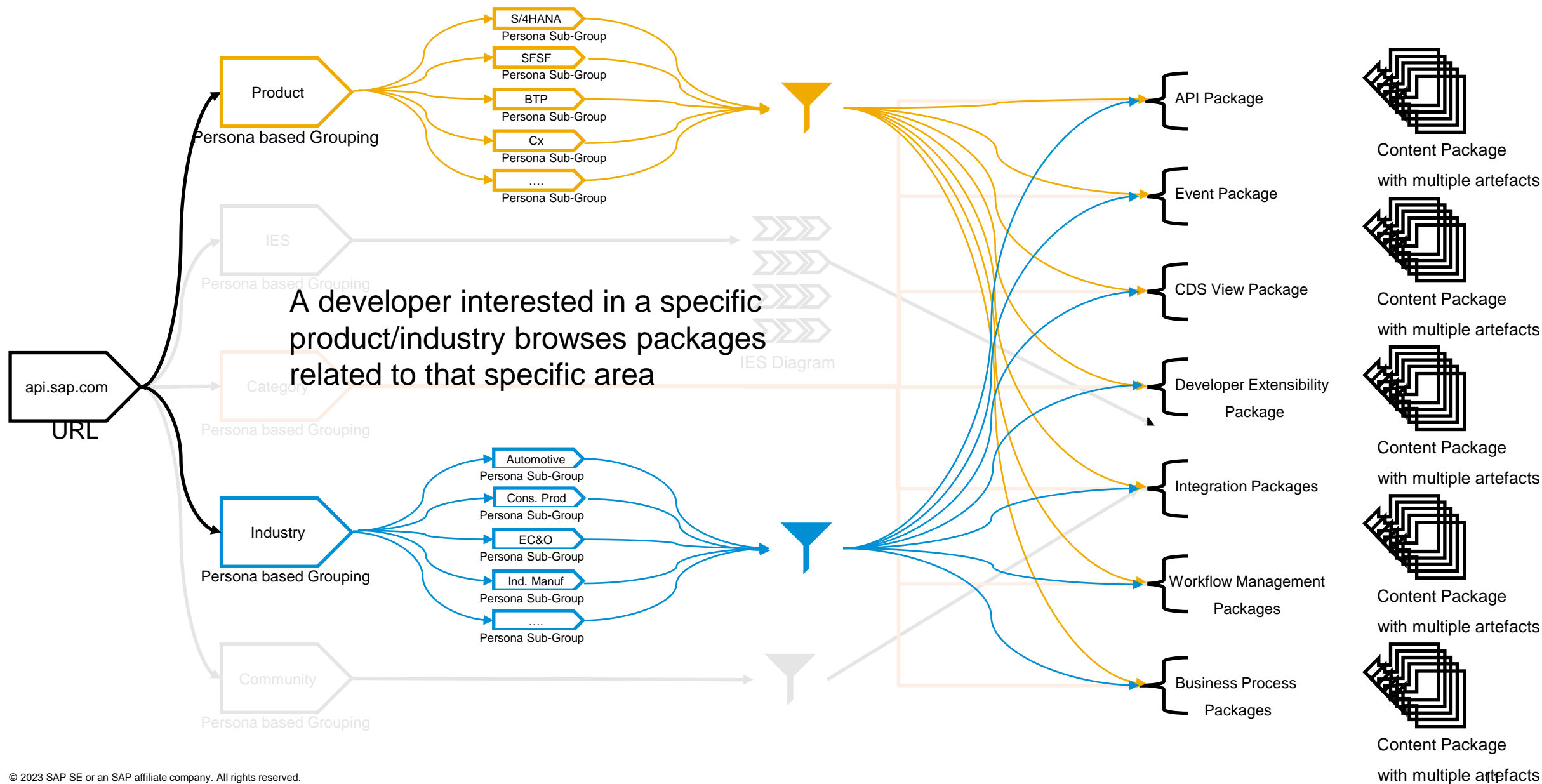


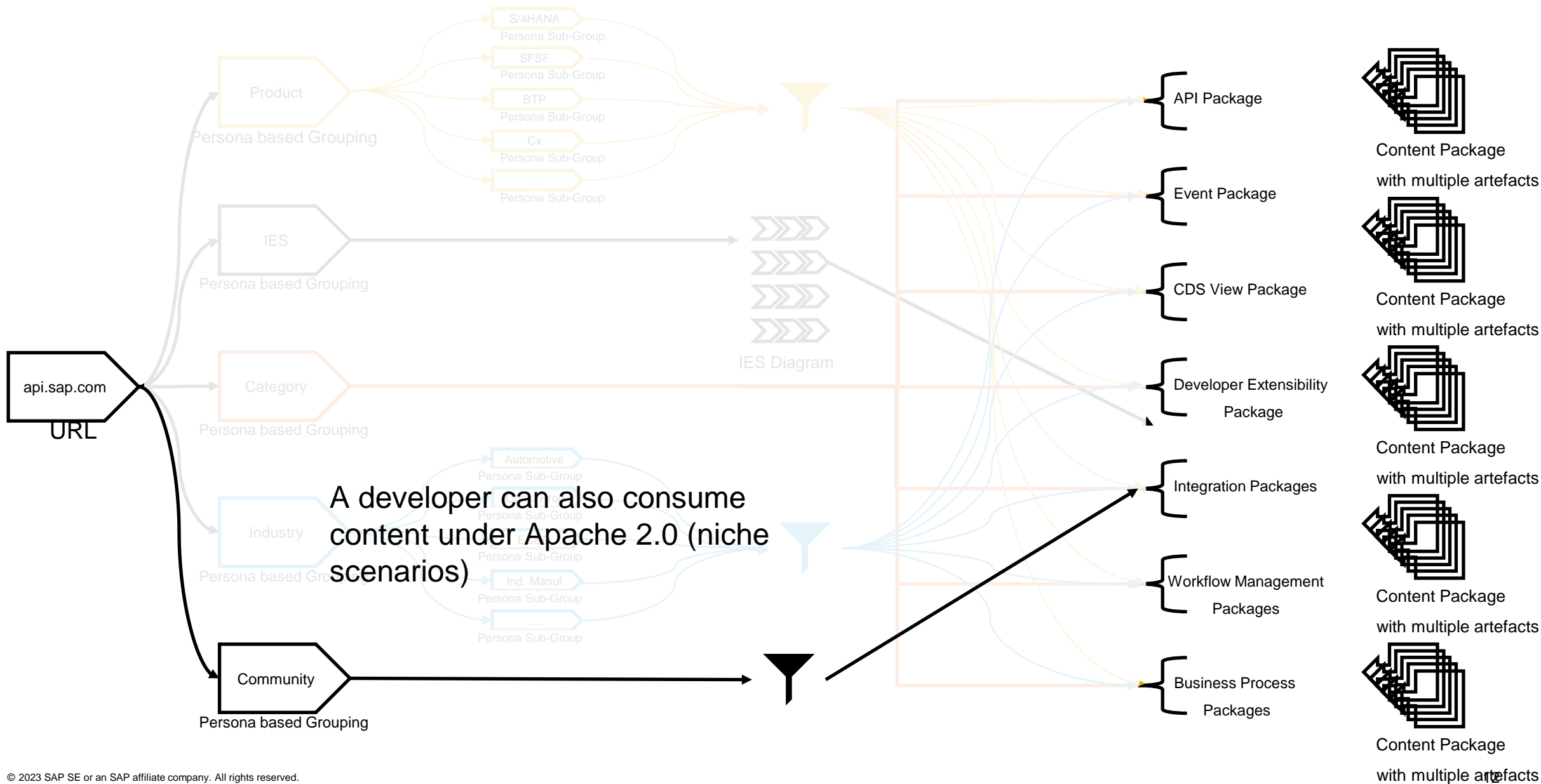


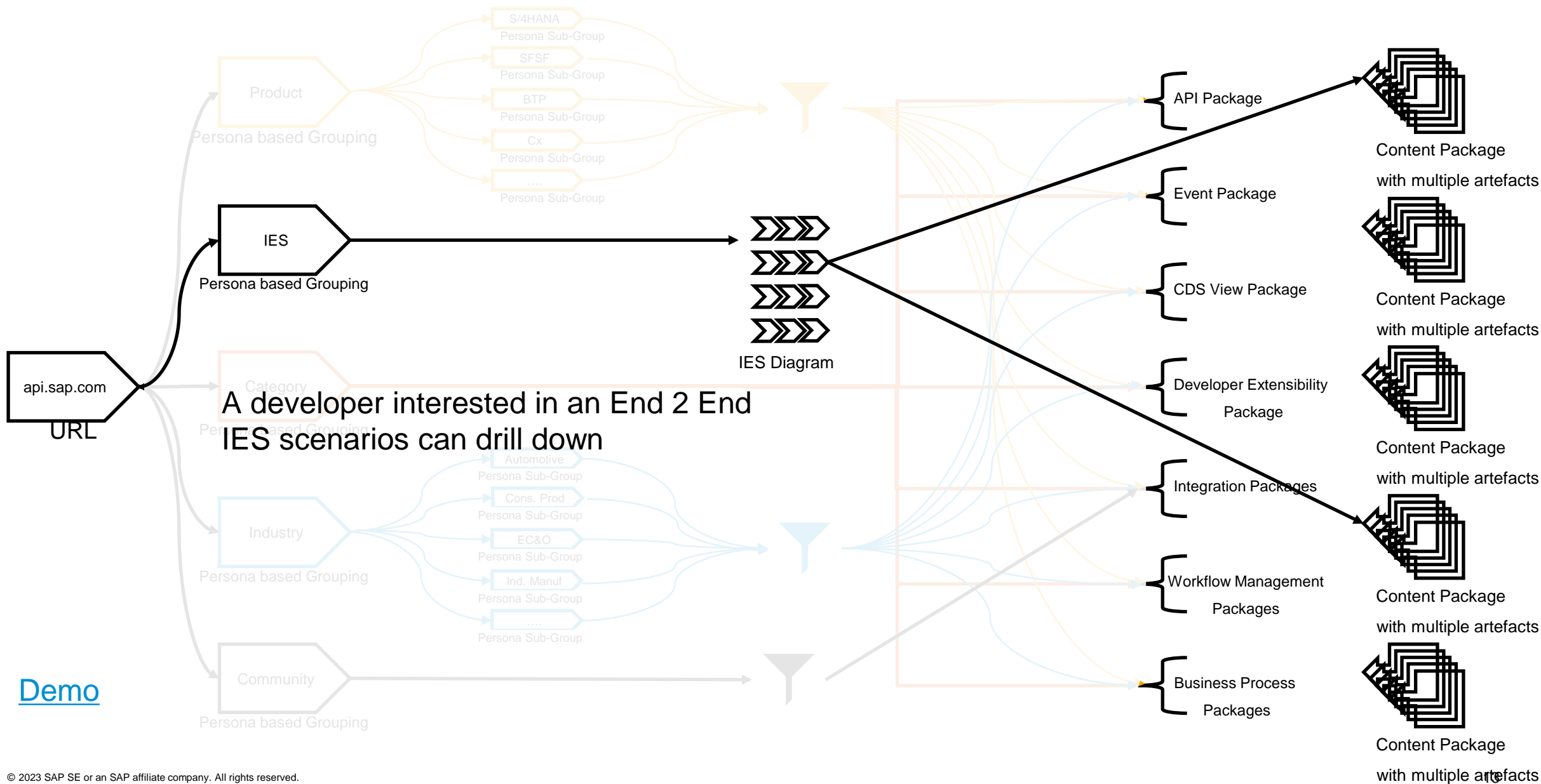
A developer browses packages by “category” or “BTP runtime”



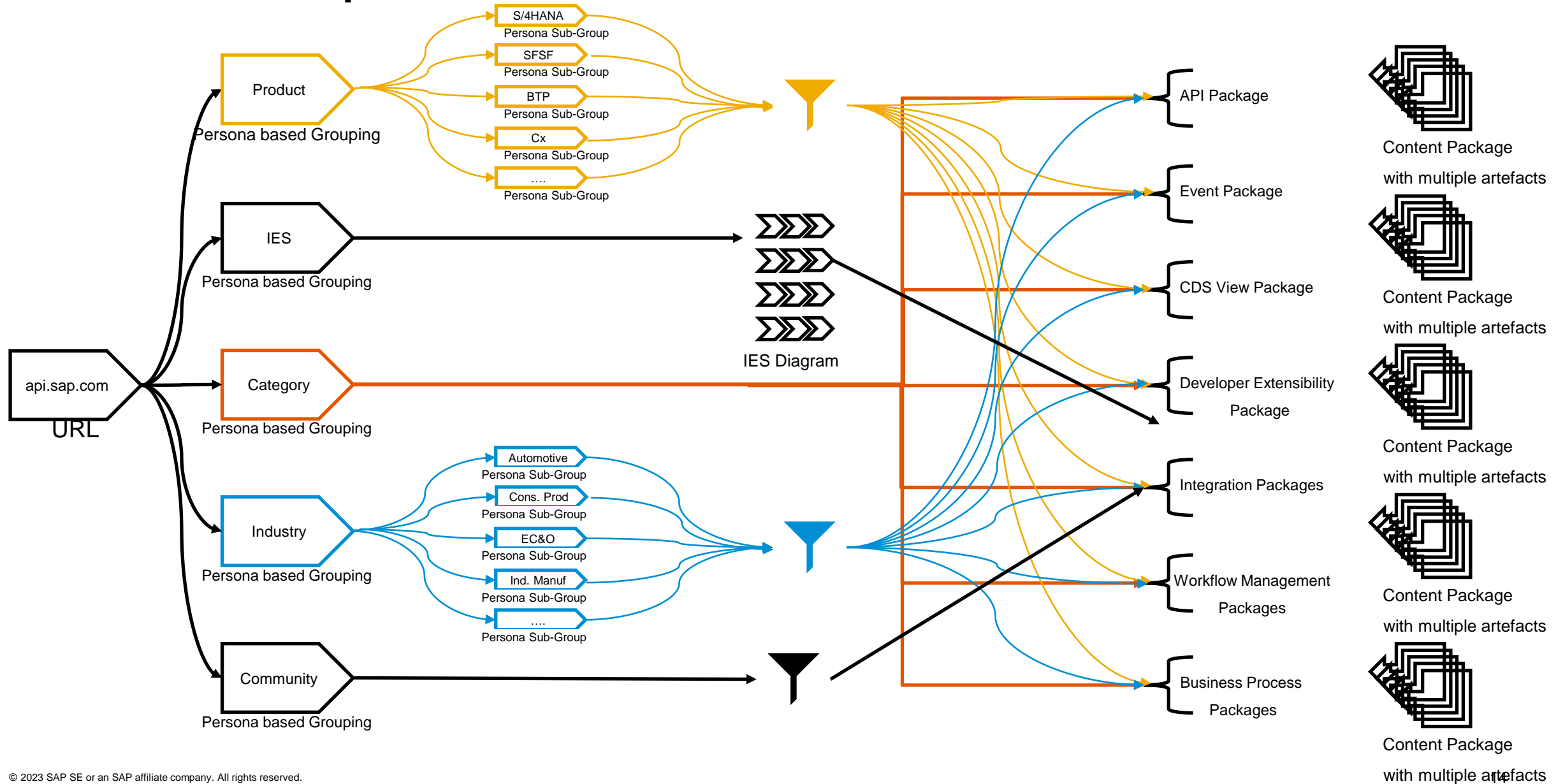
But, other content causes “interference” in discovery of the content of interest.



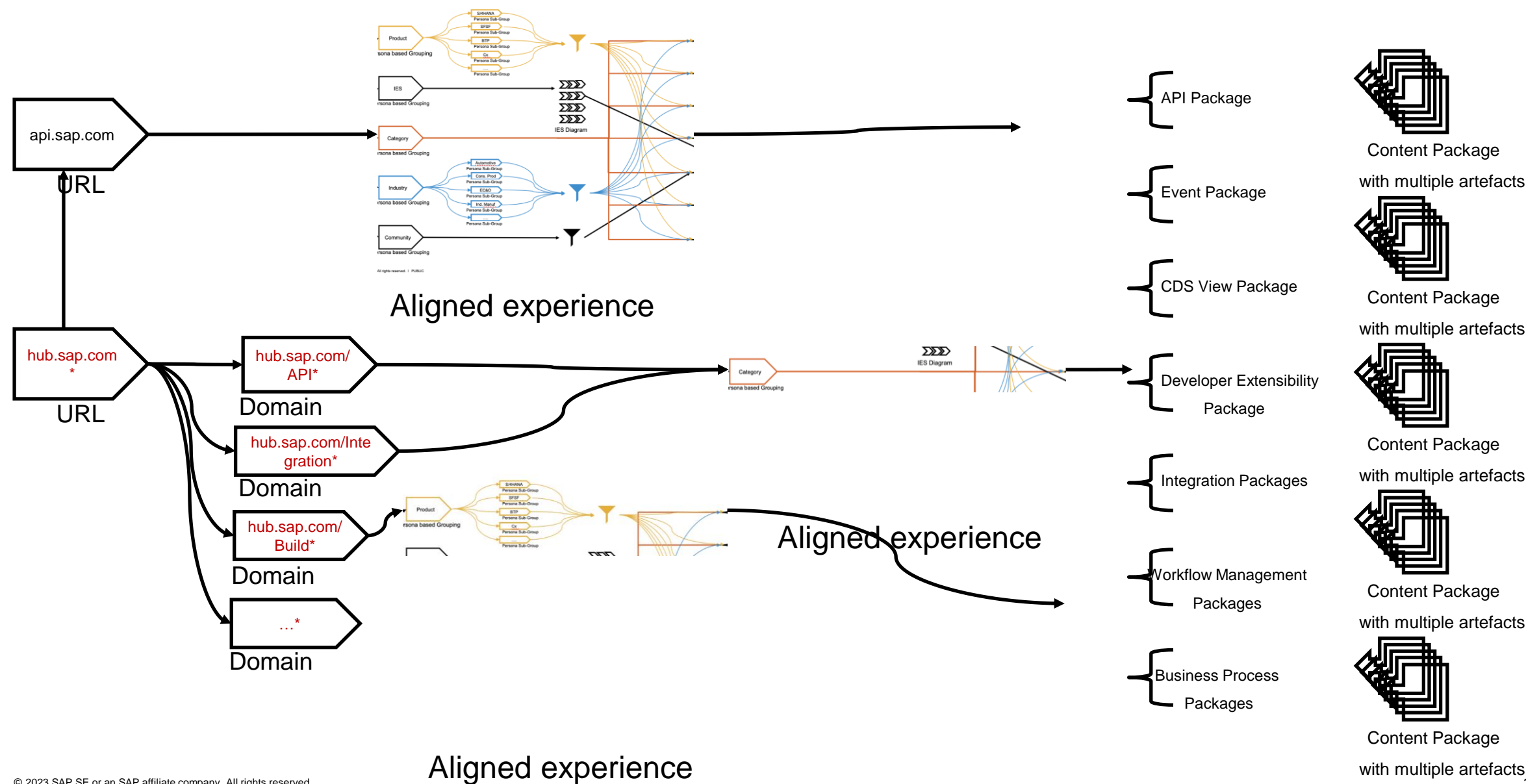




The full experience

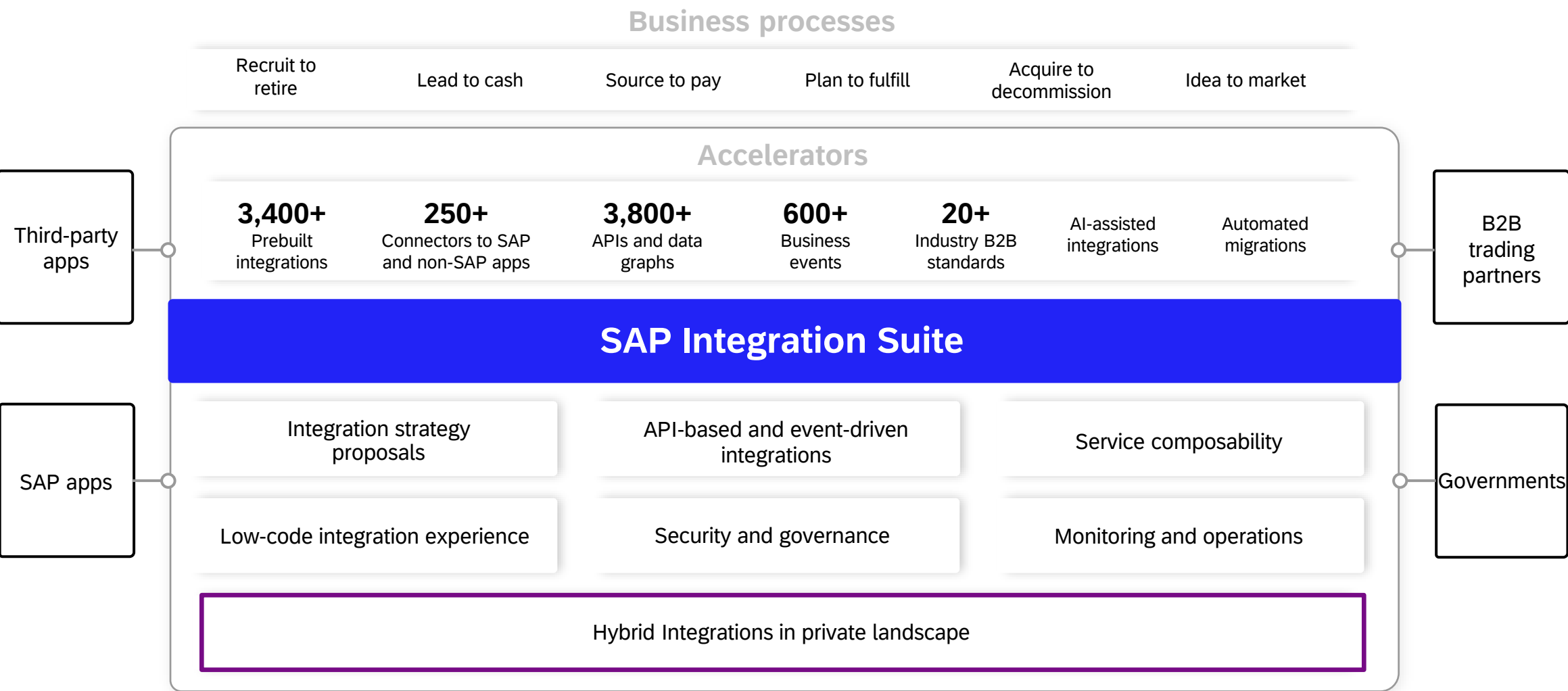


Domains



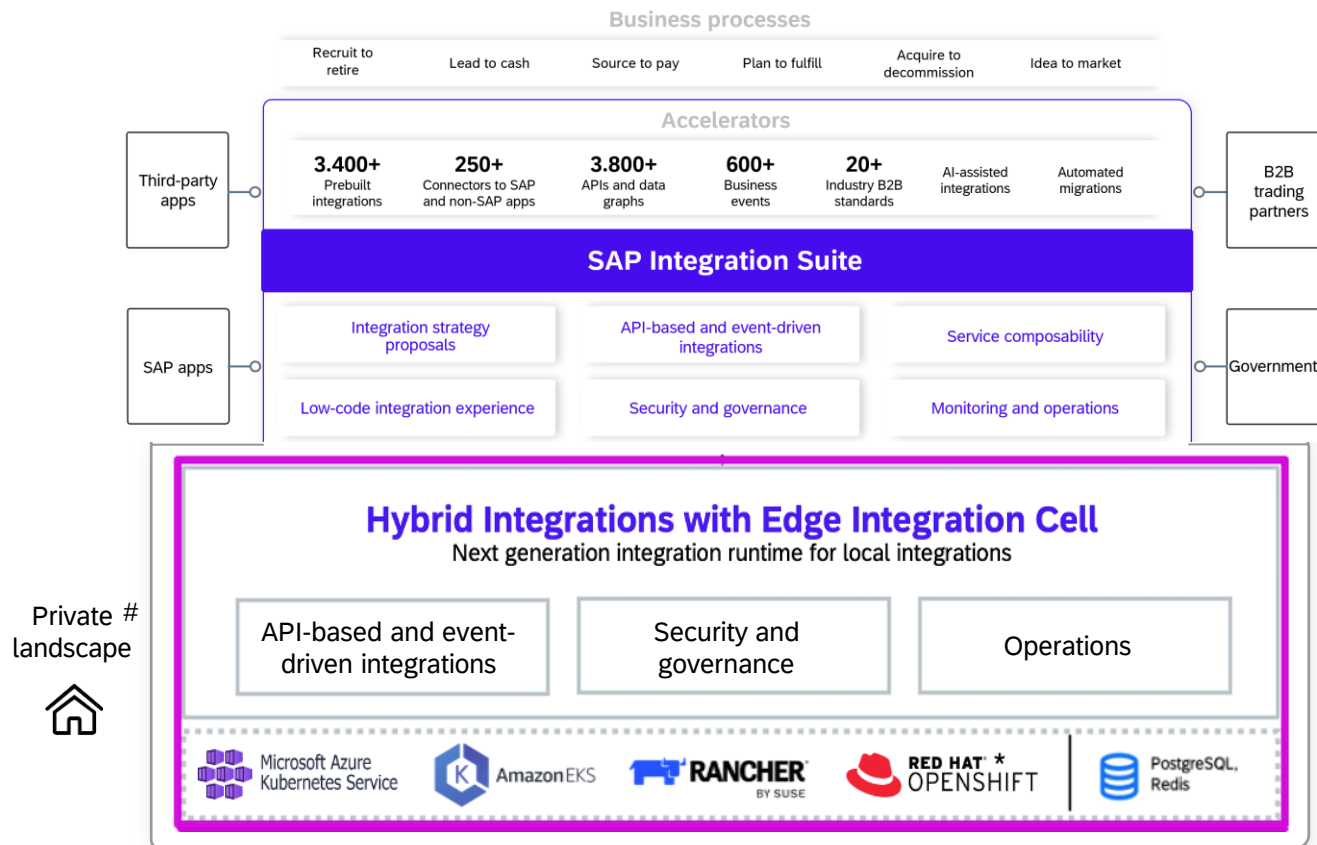
Edge Integration Cell

SAP's hybrid integration platform



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

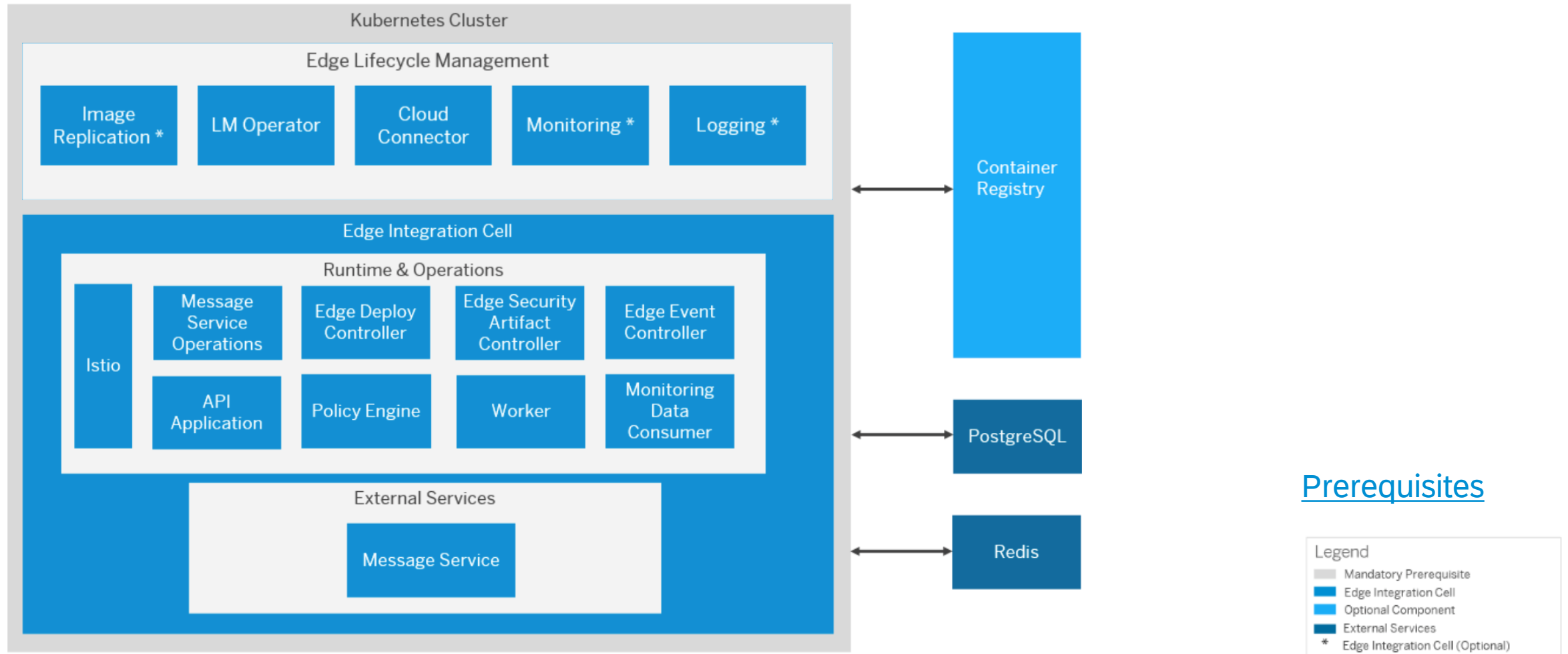
- Activate Edge Integration Cell
- Manage roles
- Create and manage edge nodes
- Deploy Edge Integration Cell solution on K8s
- Monitor system
- Manage upgrades
- Operate Edge Integration Cell



Integration and API developer

- Design APIs and integrations
- Deploy, monitor, and execute APIs and integration
- Test, debug, and troubleshoot integration scenarios

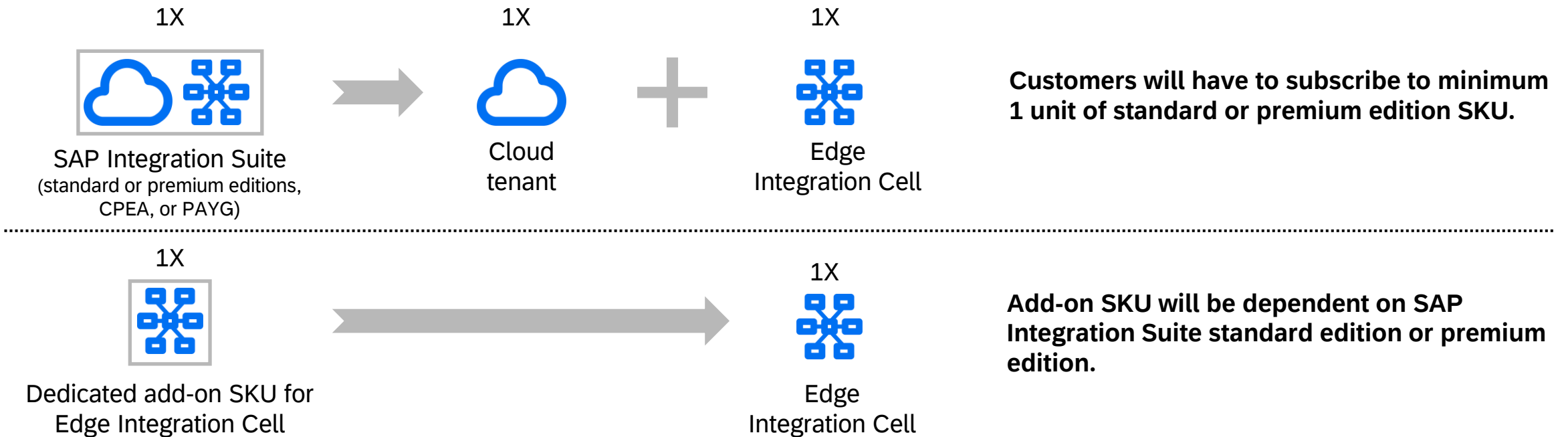
High Level Architecture



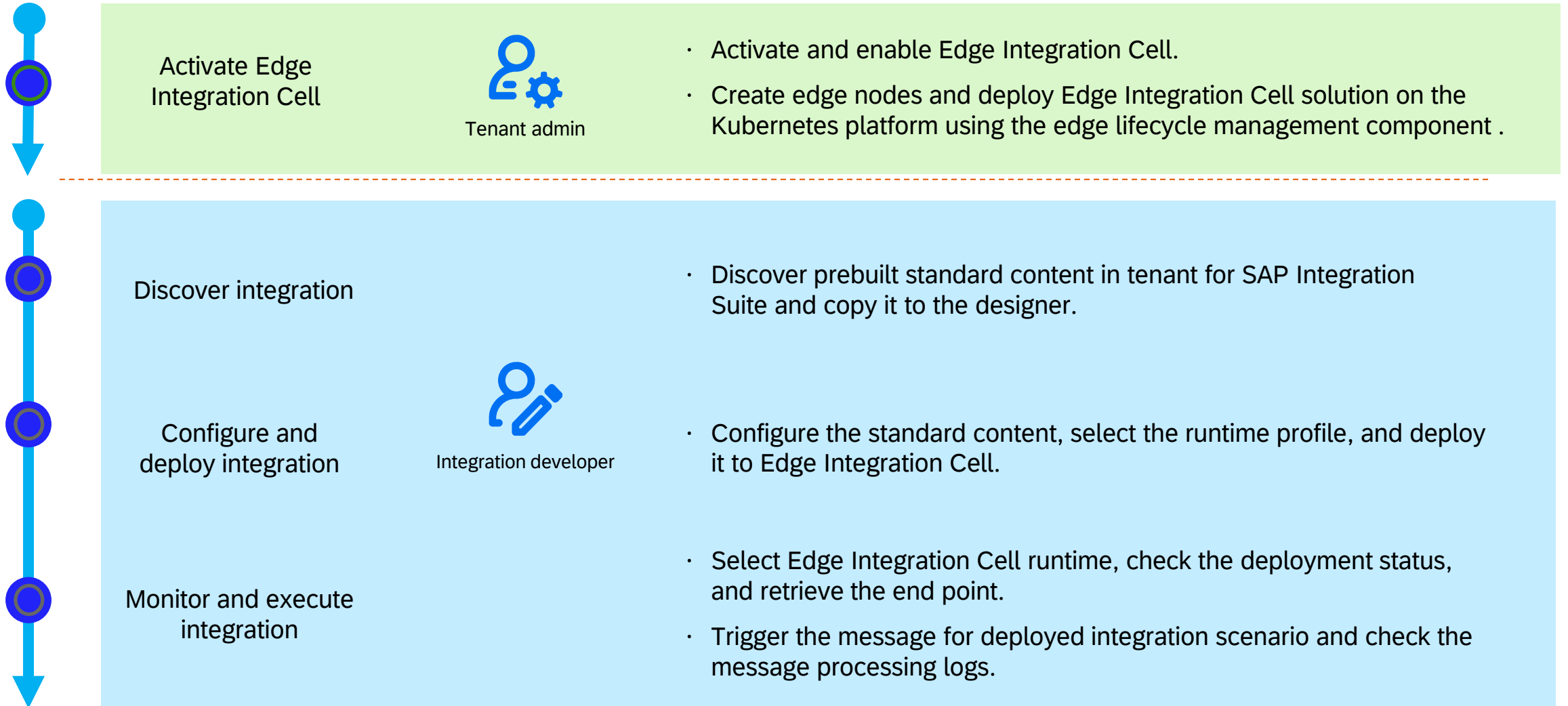
Prerequisites

Licensing model

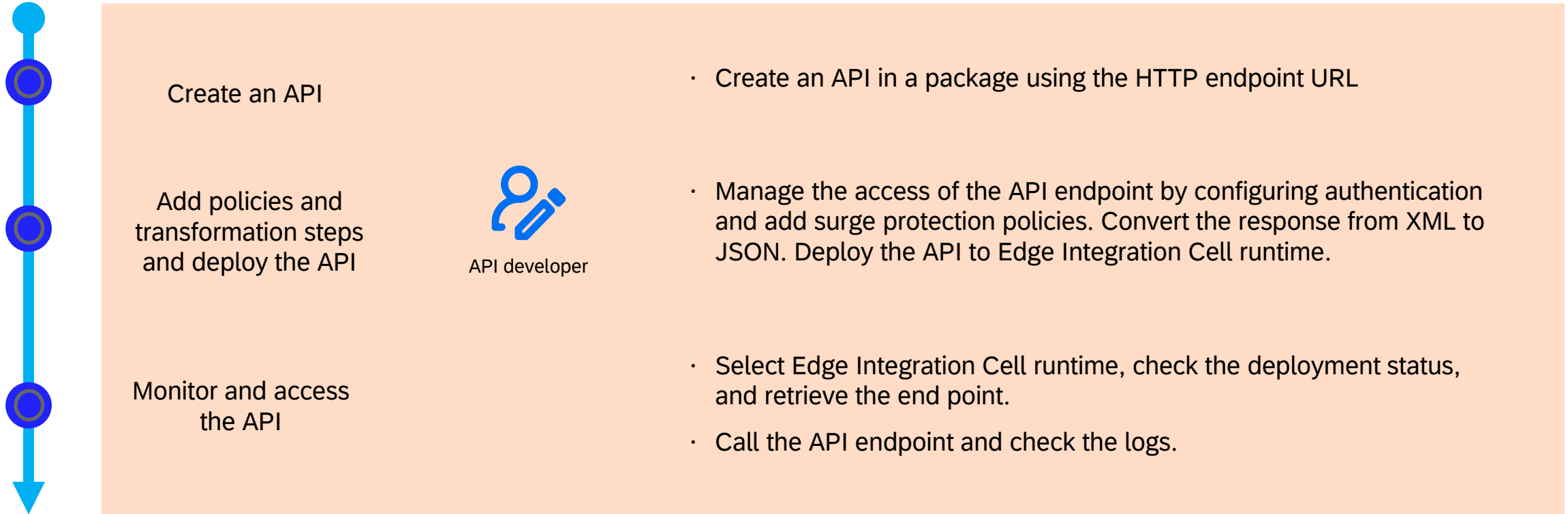
- Edge Integration Cell is included as a part of the existing SAP Integration Suite (for standard and premium editions and CPEA and PAYG).
- Additional Edge Integration Cells can be acquired through a separate add-on SKU.
- Only 50% of the messages that are processed by Edge Integration Cell are chargeable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



Demo Sequence



Demo Sequence



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

Request

Configure

Settings

Request / Data Extractions

Data Extractions

2 Requests

Error

In Progress

Completed

Search

Create

Delete

Request Name	Created On/At	System Name	Status	Actions
REQX-POP	Oct 10, 2023, 10:51:19 AM	POP	Completed	
REQX-J2E	Oct 10, 2023, 1:55:59 PM	J2E	Completed	

Warning

There are some scenarios which are not fully extracted.

View Dashboard

Migration Assessment

Extraction dashboard

Request / Data Extractions / Extraction Dashboard

[Download](#)

Extraction Dashboard

Data Extraction Request:
REQX-J2E

Extraction Status:

x Extracted with errors

Interface:

Namespace:

Sender Communication Party:

Sender Communication Component:

Receiver Communication Party:

Receiver Communication Component:

[Go](#)
[Clear](#)

Extracted Integration Scenarios (3)

Interface	Namespace	Sender Communication Party	Sender Communication Component	Receiver Communication Party	Receiver Communication Component	Extraction Status
EDIBatchMessage	http://sap.com/xi/B2B/Examples/ANSIX12	Party_VAN	VAN_Provider			⚠ Extracted with warning
EDIFACT_CTRL	http://sap.com/xi/B2B/Examples/ANSIX12	PI_Internal_Party	PI_Internal			⚠ Extracted with warning
EDI_X12_997	http://sap.com/xi/B2B/Examples/ANSIX12	PI_Internal_Party	PI_Internal			⚠ Extracted with warning

SAP Application Interface Framework

New AIF features with SAP S/4HANA 2023

Documentation improvements

- Documentation rebuilt
- New technology matrix

The screenshot displays the SAP Help Portal (Documentation) interface. The left sidebar contains a navigation menu with the following items: What is SAP Application Interface Framework?, Glossary, > Initial Setup, Getting Started, > Interface Development, > Technology Support (highlighted), > Interface, Interface Determination, Interface Documentation Maintenance, > Key Fields, Serialization, Defining Recipients, > Preprocessing, Postprocessing Using Customer Exits (BADIs), > Cross-Technology Features, > Tools, > Using SAP Application Interface Framework, > Operations for SAP Application Interface Framework, > Integrations Supported by SAP Application Interface Framework, > Security and Authorizations.

The main content area shows the 'Technology Support' section. It includes a note: **Note** Monitoring: Display includes key fields and custom object (hints, custom texts, custom data links, and custom functions), and Runtime includes mapping, checks, value mapping, and actions.

The following table lists all protocols available in SAP Application Interface Framework and the functions supported for them.

Protocol	Mode	Direction	Monitoring: Display	Monitoring: Restart, Cancel	Monitoring: Edit Payload	Runtime	Serialization	Preprocessing
IDoc	Asynchronous	Inbound/Outbound	Yes	Yes	Yes	Yes	Yes	Yes
Proxy	Asynchronous	Inbound/Outbound	Yes	Yes	Yes	Yes	Yes	Yes
Web Service	Asynchronous	Inbound/Outbound	Yes	Yes	Yes	Yes	Yes	Yes
File	Asynchronous	Inbound	Yes	Yes	Yes	Yes	Yes	No
XML	Asynchronous	Not Applicable	Yes	Yes	Yes	Yes	Yes	No
IRFC	Asynchronous	Inbound/Outbound	Yes	Yes	Yes	No	No	No
qRFC	Asynchronous	Inbound/Outbound	Yes	Yes	Yes	No	No	No
bgRFC	Asynchronous	Inbound/Outbound	Yes	Yes	Yes	No	No	No
bgPF	Asynchronous	Inbound	Yes	Yes	Yes	No	No	No
Events	Asynchronous	Inbound (Consuming from Event Mesh)	Yes	Yes	Yes	No	No	No
OData	Asynchronous	Outbound (Consumption)	Yes	Yes	Yes	No	No	No
OData	Synchronous	Inbound (Provisioning)	Yes	No	No	No	No	No
OData	Synchronous	Outbound (Consumption)	Yes	No	No	No	No	No

The footer of the page contains links for Copyright, Disclaimer, Privacy Statement, Legal Disclosure, Trademark, Terms of Use, Cookie Preferences, Accessibility and Sustainability, System Status, and Ask a question about the SAP Help Portal. It also includes the SAP logo and social media icons for Facebook, YouTube, LinkedIn, and Instagram, along with a 'Find us on' button and a 'Share' button.

New AIF features with SAP S/4HANA 2023

New app for **emergency corrections**

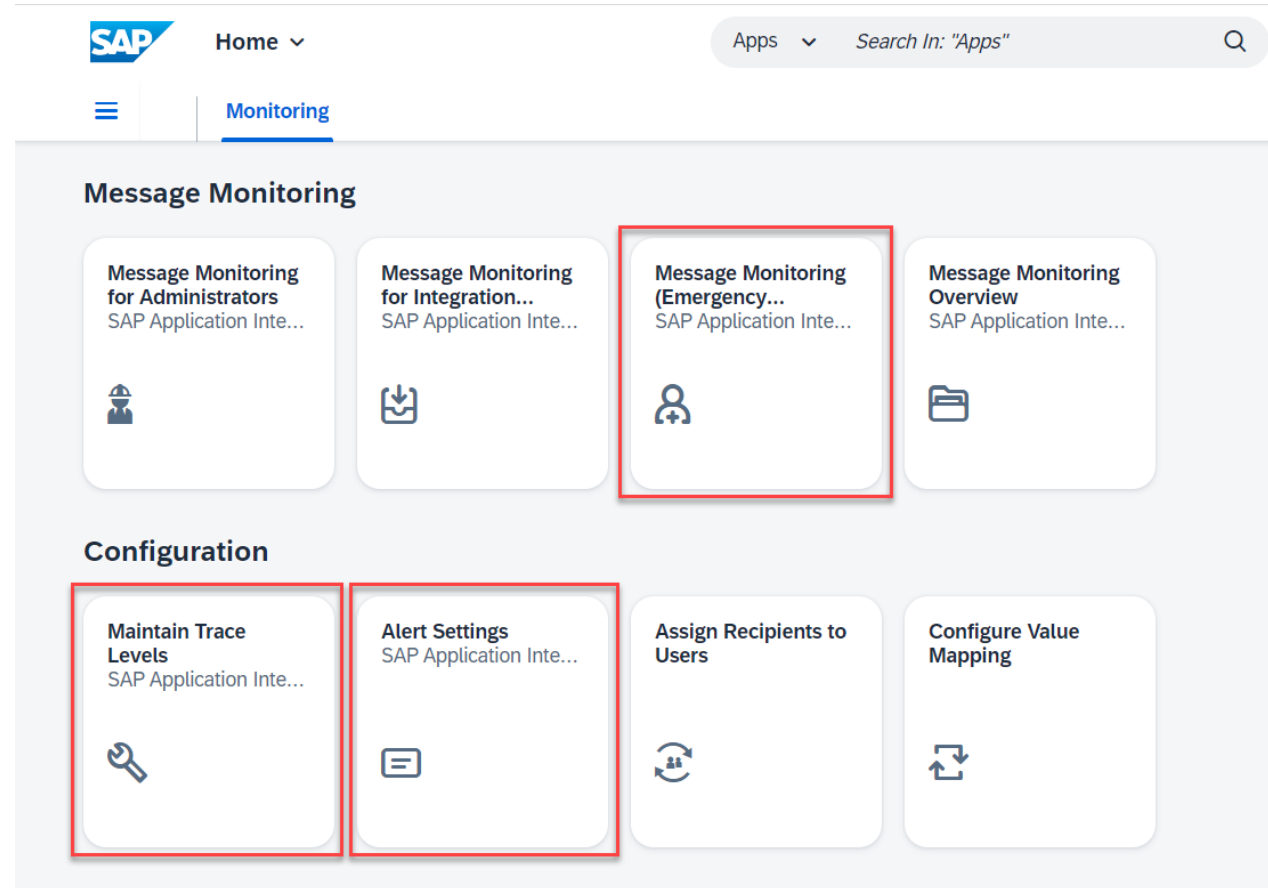
- Lets you edit any payload field regardless whether the field is defined as changeable or not

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

The screenshot displays the SAP 'Maintain Trace Levels' application. At the top, there's a navigation bar with the SAP logo, the title 'Maintain Trace Levels', and a search bar. Below this, the main heading 'Maintain Trace Levels' is visible. The interface includes two dropdown menus: 'Interface' (set to 'Create business partner') and 'Trace Level' (currently showing a dropdown menu with options Level 0, Level 1, Level 2, and Level 3). To the right of these menus are buttons for 'Go' and 'Adapt Filters'. Below the filters is a table titled 'Interface Trace Levels (1)'. The table has four columns: 'Interface', 'Trace Level', 'Expiration Date', and 'Expiration Time'. The first row shows 'Create business partner' for the interface, 'Level 2' for the trace level, '11/06/2023' for the expiration date, and '18:06:07' for the expiration time. A calendar icon is present next to the expiration date, and a clock icon is next to the expiration time.

Interface	Trace Level	Expiration Date	Expiration Time
Create business partner	Level 2	11/06/2023	18:06:07

New AIF features with SAP S/4HANA 2023

Alert settings app incl. confirmation of alerts

<

SAP

Alert Settings ▾

Apps ▾

Search In: "Apps" 🔍

?

🔔¹

AA

Alert Settings

Alert Settings (5)

Interface	Alert Frequency
/AIFAL - ANS_OUT - 00001	Never ▾
Cloud Integration alerts	Never ▾
Create business partner	Once (until Confirmed) ▾
Create flight booking	Once (until Confirmed) ▾
Create flight customer	Once (until Confirmed) ▾

Standard ▾

Time: Past 2 Weeks ▾

From: October 23, 2023 at 3:18:45 PM GMT+02:00

To: November 6, 2023 at 2:18:45 PM GMT+01:00

Interface: ▾

Additional Interface Options: Show interfaces with messages only ▾

Go Adapt Filters

Message Status Overview

Confirm Alert

Message Monitoring

Mass Error Handling

Interface	Alert	All	Error	Warning	Success	In Process	Canceled
<input checked="" type="radio"/> Create business partner	🔔	186	112	0	74	0	0 >
<input type="radio"/> Create flight booking		25	15	0	10	0	0 >
<input type="radio"/> Create flight customer		50	17	0	33	0	0 >

B2B

Latest Features

B2B

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

Trading Partner Management

Manage Trading Partners

Company Profile Trading Partners Agreement Templates Agreements Partner Directory Data Cross Actions Configuration Manager

i The maximum number of Custom Search Attributes is 10. You can assign them on each Transaction. Find more information in [SAP Help Portal](#)

Custom search attribute B2B Monitoring (1)

Name	Description
DocumentId	DocumentId

Library of Custom Type Systems

Type Systems (1) Add

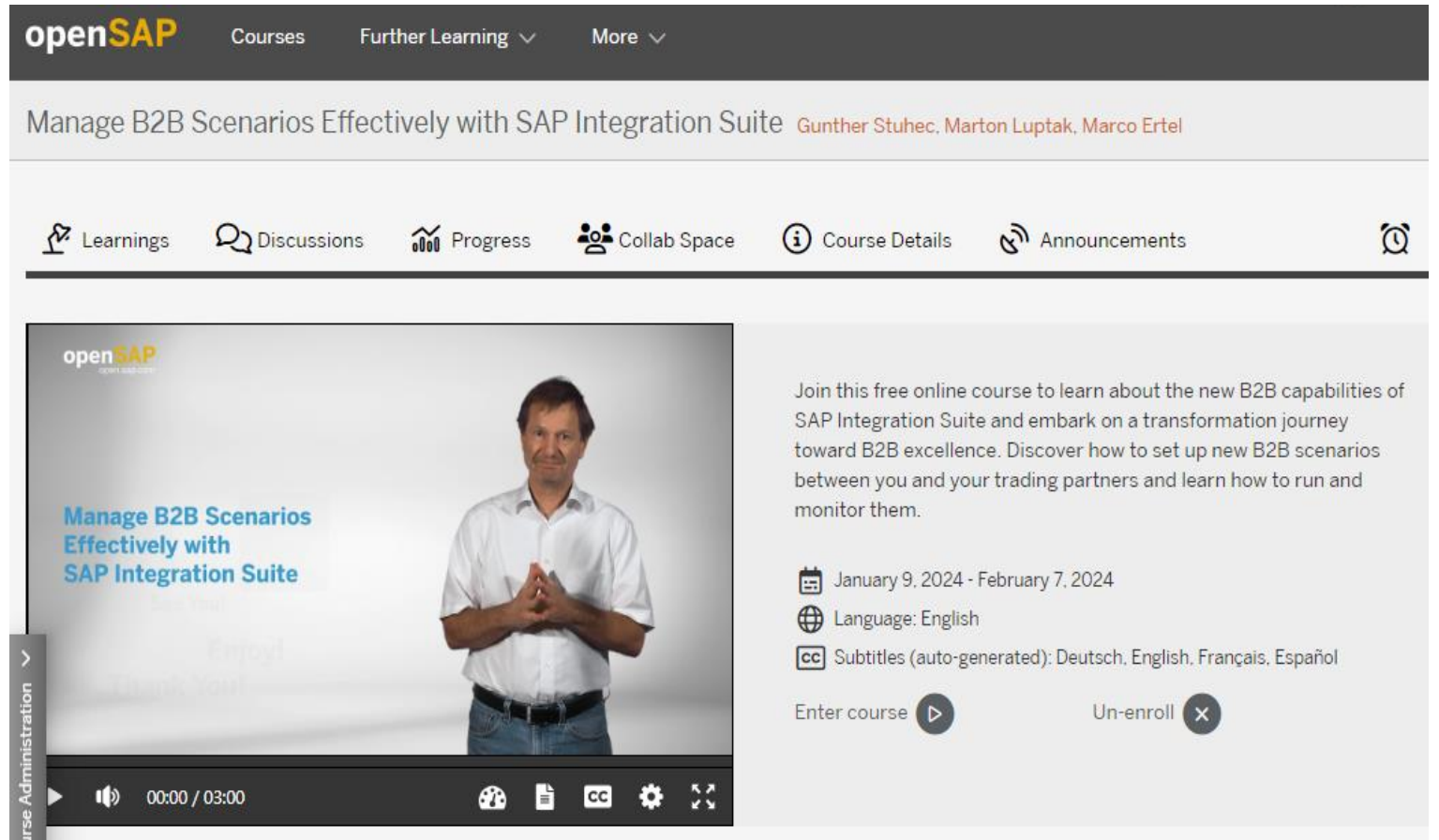
[Custom IDocs](#) – Collection of Custom IDocs

This Type System can be used by customers to upload and use their own Custom IDocs including extended SAP IDocs.

openSAP B2B course

B2B

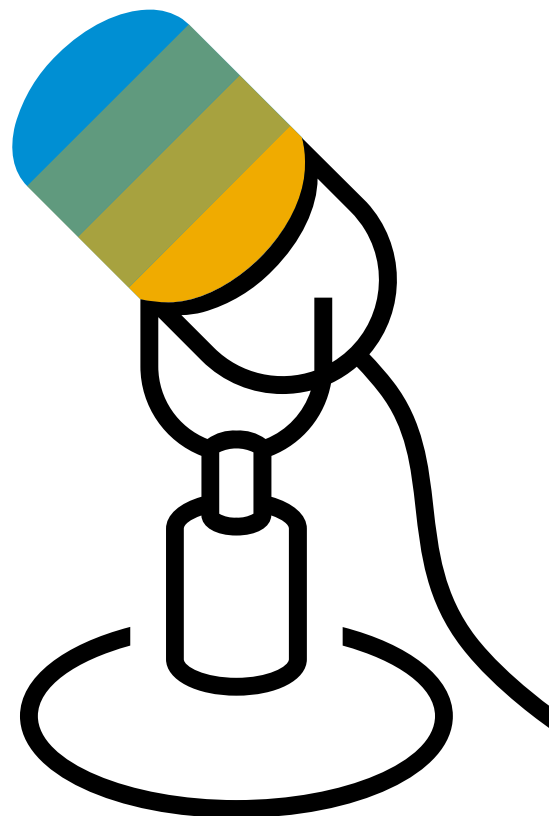
- Start: 9th January, 2024
- 3 Weeks
- With exercises



The screenshot shows the openSAP course interface. At the top, the navigation bar includes 'openSAP', 'Courses', 'Further Learning', and 'More'. Below this, the course title 'Manage B2B Scenarios Effectively with SAP Integration Suite' is displayed, followed by the instructors' names: 'Gunther Stuhec, Marton Luptak, Marco Ertel'. A secondary navigation bar contains icons for 'Learnings', 'Discussions', 'Progress', 'Collab Space', 'Course Details', 'Announcements', and a clock icon. The main content area features a video player on the left with a thumbnail of a man in a white shirt and blue jeans, with the text 'Manage B2B Scenarios Effectively with SAP Integration Suite' overlaid. To the right of the video player, there is a description: 'Join this free online course to learn about the new B2B capabilities of SAP Integration Suite and embark on a transformation journey toward B2B excellence. Discover how to set up new B2B scenarios between you and your trading partners and learn how to run and monitor them.' Below the description, the course dates 'January 9, 2024 - February 7, 2024' and the language 'English' are listed. A subtitle option is also available: 'Subtitles (auto-generated): Deutsch, English, Français, Español'. At the bottom of the right section, there are two buttons: 'Enter course' with a play icon and 'Un-enroll' with a close icon. The video player controls at the bottom show a progress bar at 00:00 / 03:00 and various icons for playback, volume, and settings.

<https://open.sap.com/courses/btp4>

Q & A



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