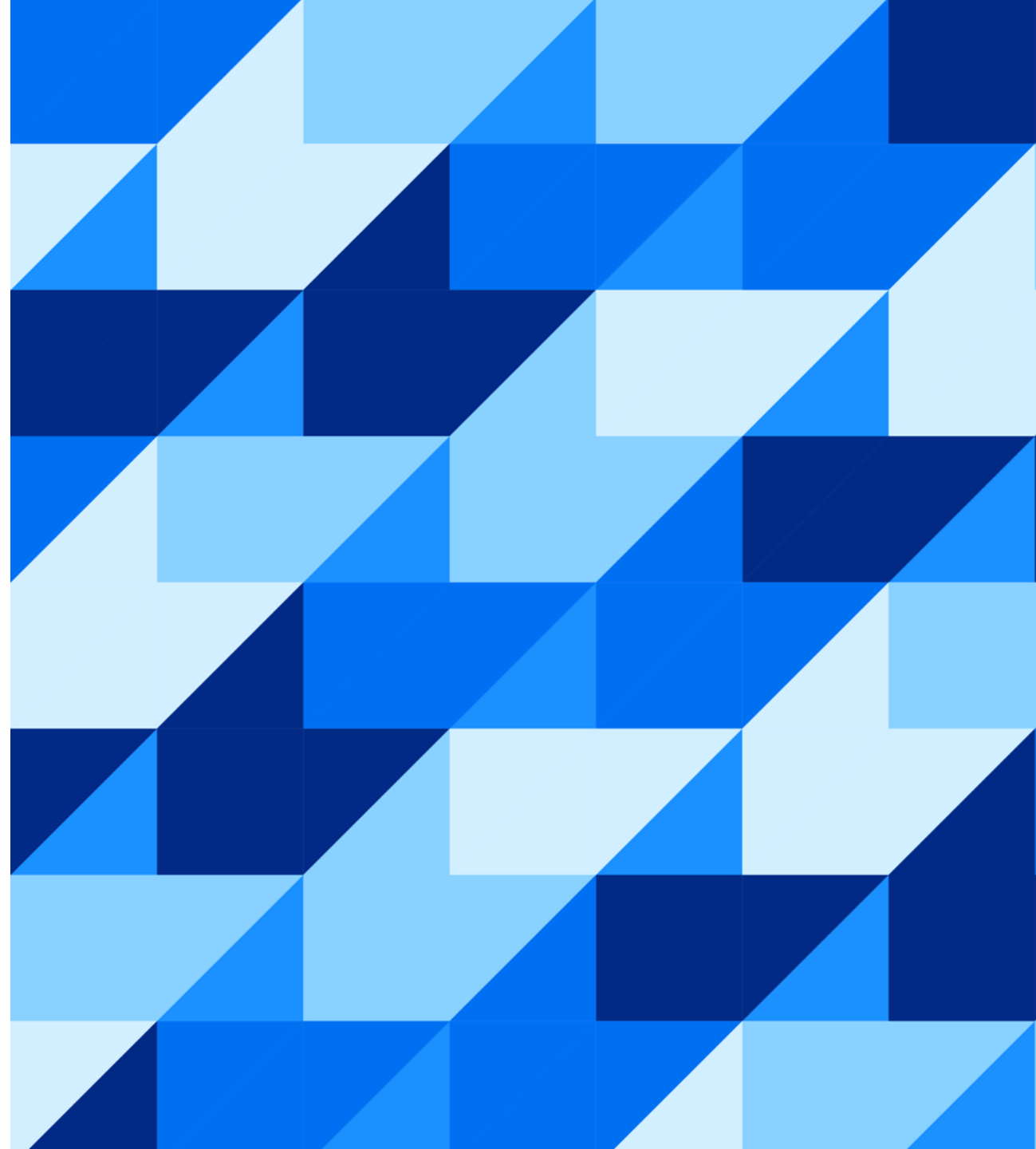




# SAP Integration Suite Monthly Updates – May 2025

Product Management Team, SAP Integration Suite  
May , 2025

PUBLIC



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# Agenda

Topic	Presenter
Onboarding	Joerg
IBMMQ Adapter for Integration Suite	Swati Singh
Cloud Integration	Jannis Maier
Edge Integration Cell	Jannis Maier
Event-driven Integration	Karsten Strothmann

# **3<sup>rd</sup> Party Connectivity with Integration Suite**

# 3<sup>rd</sup> Party Connectivity Adapters

## Recently Released

- Google Cloud Storage
- Salesforce Pub Sub
- IBM MQ Series (REST)
- Google Pub/Sub
- LeanIX
- MS Teams
- IBM MQ Series (JMS)

## Coming Soon

- DocuSign
- Google Big Query
- Azure Service Bus
- Microsoft Outlook

# IBMMQ Adapter for Integration Suite

IBMMQ is a high-performance, security-rich and assured delivery messaging solution for businesses.

# IBM MQ Adapter REST - Features



## Authentication

---

Basic Authentication  
Token Based Authentication  
Certificate based  
Authentication\*



## IBM Version Supported

---

9.2  
9.3  
9.4  
Cloud



## Message Protocol

---

REST



## Runtimes

---

Cloud Integration  
EIC

\* Coming soon

# IBM MQ Adapter JMS - Features



## Authentication

---

Basic Authentication  
Certificate based  
Authentication\*



## IBM Version Supported

---

9.2  
9.3  
9.4  
Cloud



## Message Protocol

---

Receiver - JMS  
Sender - JMS Polling  
Sender - JMS Subscribe \*



## Supported Runtimes

---

Cloud Integration  
EIC

\* Coming soon



# Sender Adapter

Operation:

- Poll Messages from the queue

Destination:

- Queue
- Topics

Camel Expression support

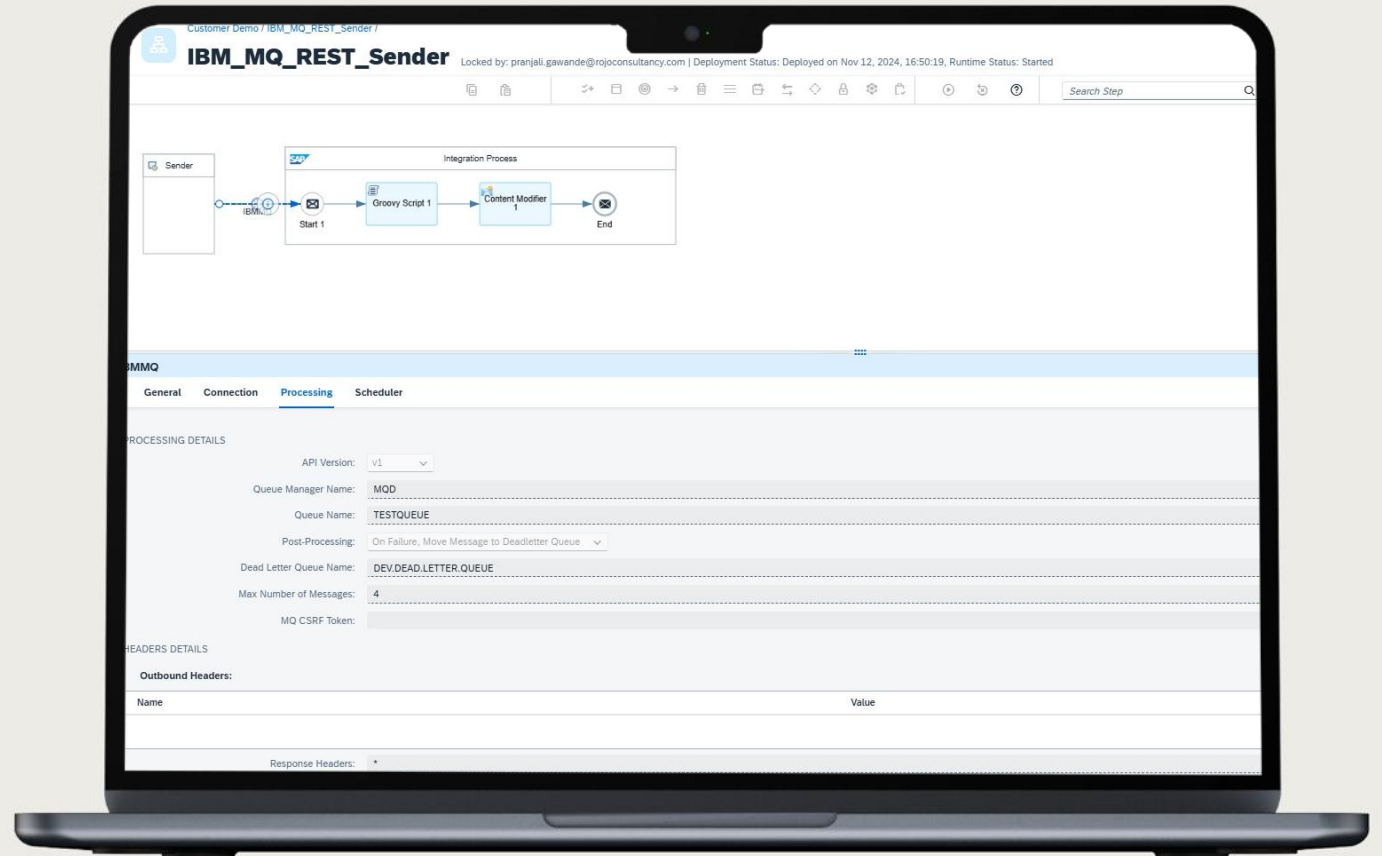
Support for multiple message poll at the same time

Support for all the possible request headers/query parameters on the UI

Support for custom Request and Response headers

Support for duplicate check

Support for various post processing handling



# Receiver Adapter

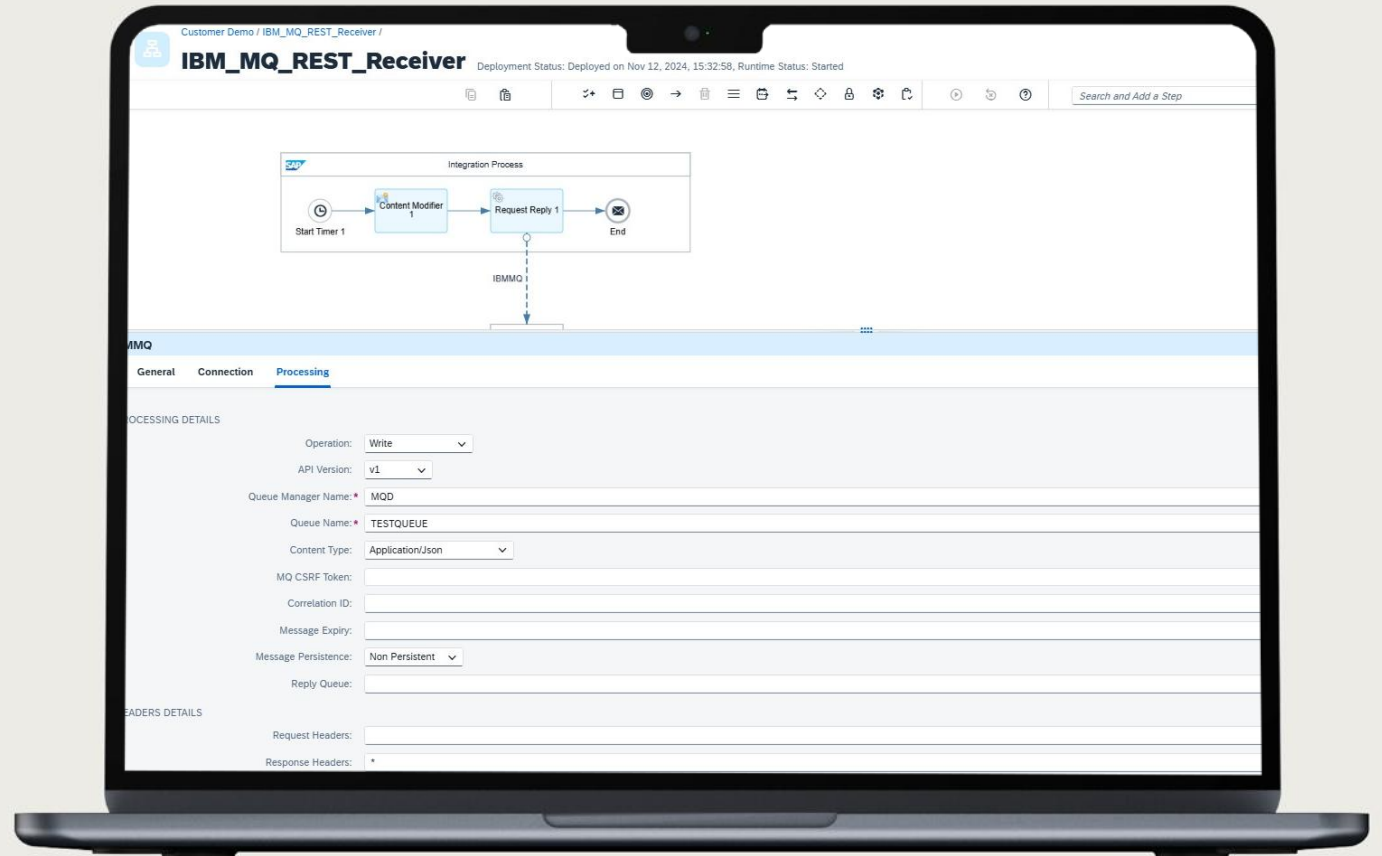
## Operation:

- Write(JMS & REST)
- Delete
- Read
- Read and Delete

Dynamic headers/property support

Support for all the possible request headers/query parameters on the UI

Support for custom Request and Response headers



# Demo



# Cloud Integration

# Updates

- You can now configure the namespace and prefixes for externally referenced schema in the External Namespace Handling in Message Mapping
  - See [Creating Message Mapping as a Flow Step](#)
  - SAP Cloud Integration customers, see [Creating Message Mapping as a Flow Step](#)
- In the Cloud Foundry environment, the AS2 and AS2 MDN Sender Adapter response includes the **header X-content-type-options**, which does not comply with the AS2 protocol. This header will be suppressed from all versions of the AS2 and AS2 MDN Sender Adapter.

# Edge Integration Cell Runtime

# RFC Sender & Receiver Adapter for Edge Integration Cell

- RFC adapter for Edge Integration Cell enables direct, on-premise communication with SAP and third-party systems without relying on SAP Cloud Connector
- New Destination Type “Local” for RFC Destinations in BTP Cockpit introduced
- RFC sender adapter supports Synchronous RFC (sRFC) and Transactional RFC (tRFC), see [SAP Help](#).
- RFC receiver adapter supports Synchronous RFC (sRFC), tRFC is not supported.
- New RFC Adapter card in the Operations cockpit
  - You can now monitor the underlying JCo entities of the integration flows deployed with the RFC adapter.
  - See: [RFC Adapter Monitor](#)



# Event-Driven Architecture With SAP

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# Event-Driven Architecture with SAP

## May 2025 Updates

**Karsten Strothmann**

**SAP SE**

Lead Product Manager Event-Driven Integration



# 25+1 Event-Driven Uses Cases

Industrial Maintenance	Data lake updates	Digital Twin	HR Across Multiple Environment	Personalized Apps
Weather-based Supply Chain	Supply chain visibility	Mobile Workforce Connectivity	Smart Water Platform	Real-time inventory
Sales Order Shock Absorber	Business Process Documentation	Meter to Cash	Oil well monitoring	Demand-based supply chain
Water Quality Monitoring	S/4HANA Extensions	Real Time HR	Medication delivery and tracking	Across Vendor Mesh
Price Distribution	Predictive maintenance	Real-time order management	Regulatory Reporting	Document update notification



**365x**

increase in in-house leak detection, from a yearly to a daily cadence.

**1 day**

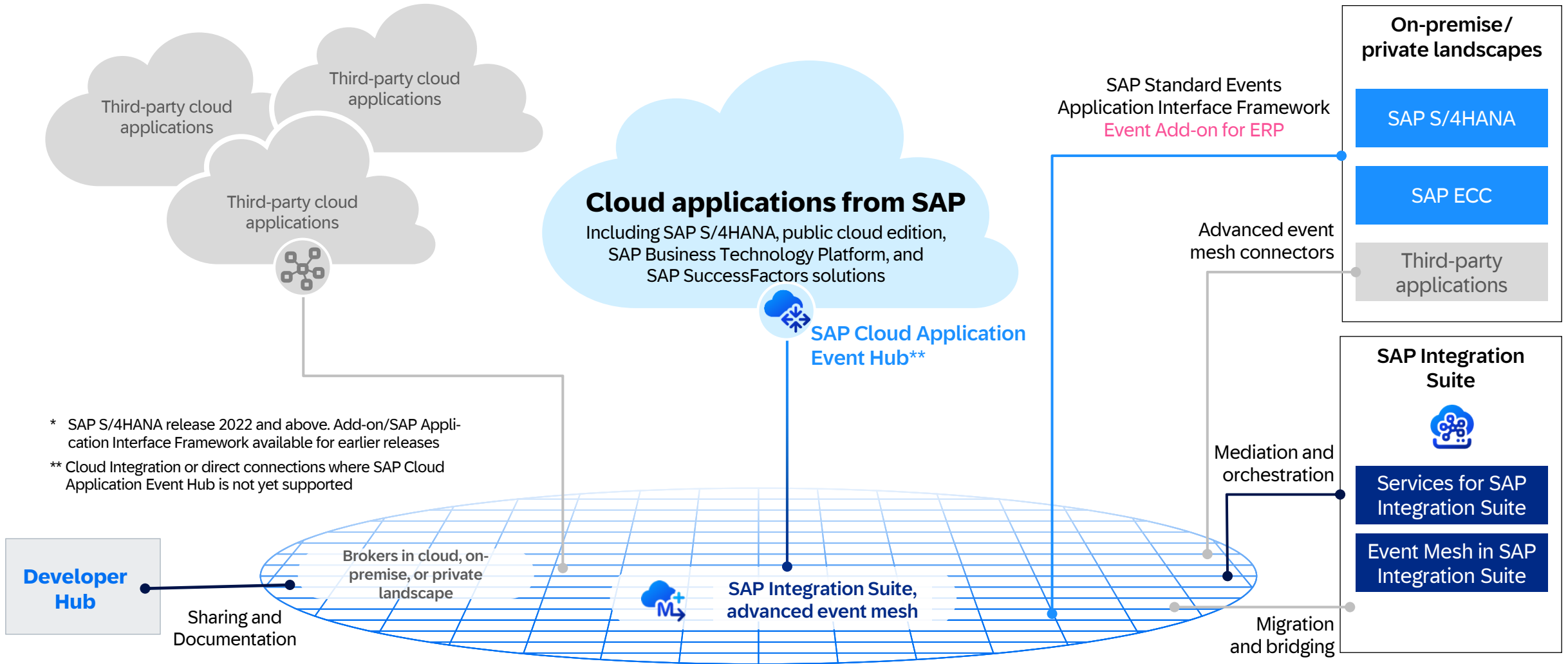
lead time for annual invoice generation, down from weeks.

**30%**

cost reduction potential, thanks to more efficient processes.



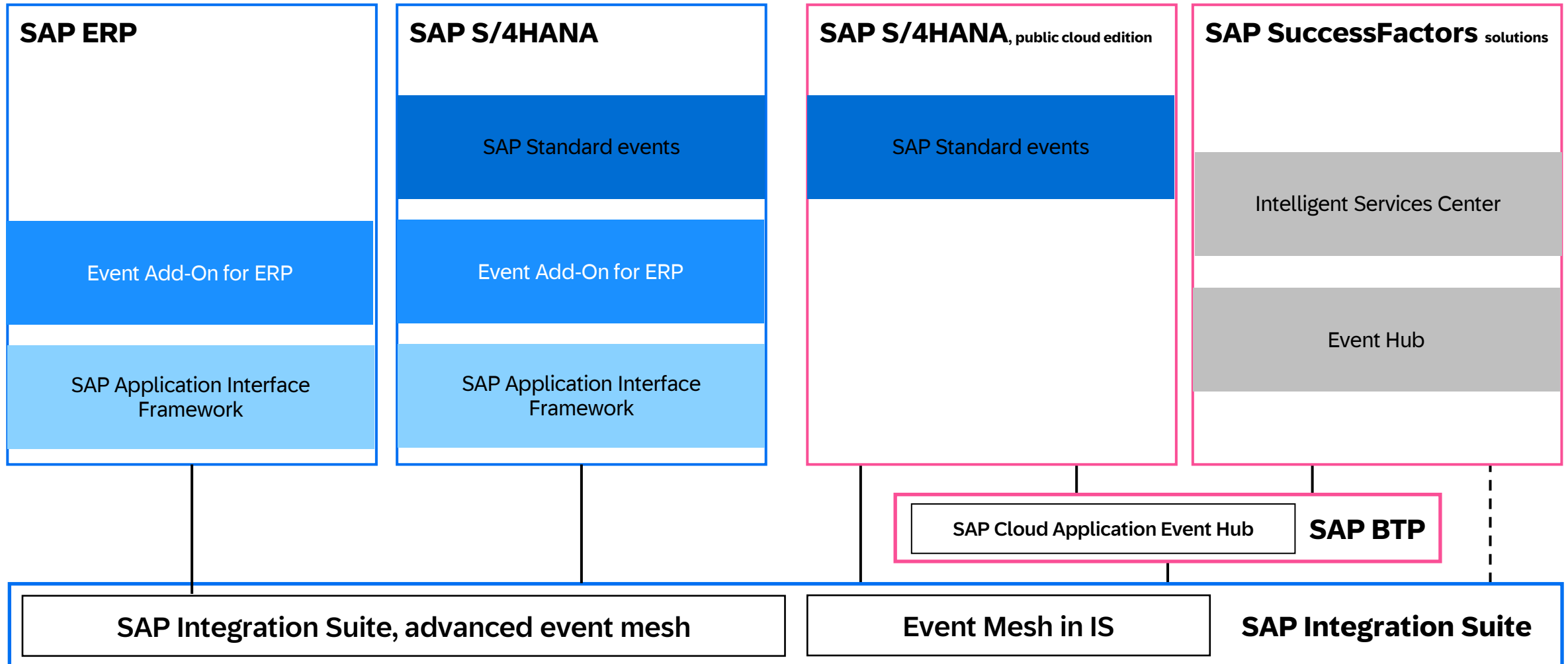
# SAP's Event-Driven Technical Ecosystem and Strategy




\* SAP S/4HANA release 2022 and above. Add-on/SAP Application Interface Framework available for earlier releases

\*\* Cloud Integration or direct connections where SAP Cloud Application Event Hub is not yet supported



# Selected Event sources for AEM



# New SuccessFactors Events in Business Accelerator Hub

 **Business Accelerator Hub**

IntegrationsData ProductsSAP BuildAnalyticsTransformation

Explore

SAP SuccessFactors

A global, cloud-based human resource management software system, evolving to help people and businesses thrive in the experience economy.

Overview

APIs

Events

Integrations



Process Blueprints

Build


VPUC


Event Objects

Packages

Sort by: Updated 

Search




 Event Object

Onboarding Process Step

Informs about the initiation and completion of SAP SuccessFactors Onboarding process tasks.


Version 1.0.0ACTIVE

 Event Object

SuccessFactors Alumni Process

Informs about initiated and revoked Alumni Process events.


Version 1.0.0ACTIVE

 Event Object

Employee Central Position Notification Events

Notifies about creation and modification of SAP SuccessFactors Employee Central Position Data.

Version 1.0.0ACTIVE

 Event Object

Employee Central Person Notification Events

Informs a remote system when there is a creation or modification of Person Data in SAP SuccessFactors Employee Central.

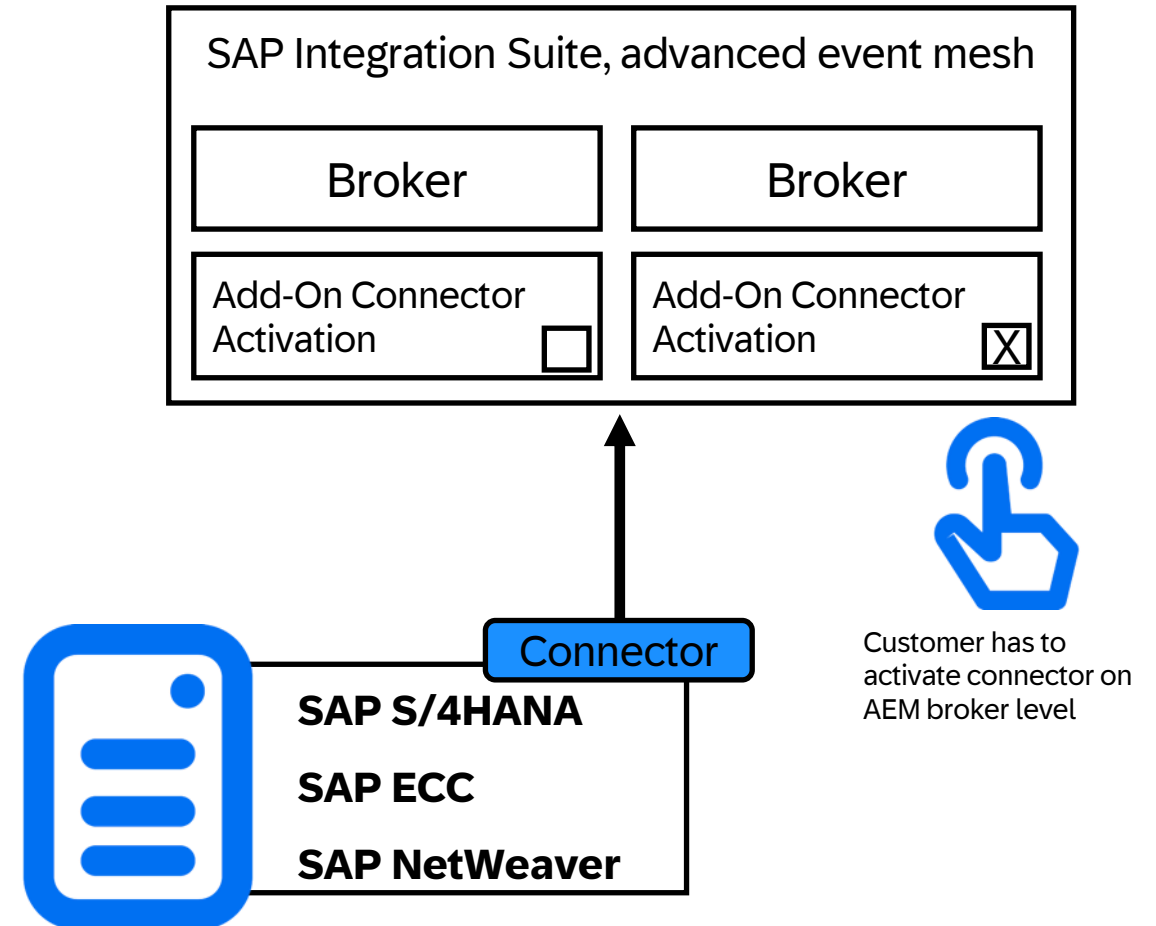
Version 1.0.0ACTIVE

# Event Add-On for ERP: Availability and Technical Setup

**Event-Add on for ERP** is available **via CPEA, BTPEA and Subscription via SAP Store**

Works for **SAP S/4HANA and ECC** to create custom events in a low code / no code way

**Important: Works only in combination with Advanced Event Mesh**



# Event Add-on for ERP Highlights

## EVENT-DRIVEN

Unified approach for ECC and S/4HANA  
2,500+ event triggers  
Predefined + custom data possible

## REAL-TIME + BI-DIRECTIONAL

For outbound and inbound data  
Real-time events or batch processing  
Any deployment (On-prem, IaaS, RISE with SAP)

## CODE-LESS + EXTENSIBLE

No-code + low-code tooling  
Easy configuration

## DIRECT

High Performance  
Monitoring  
Post-processing, Alerting

SAP S/4HANA®  
SAP ECC®  
SAP NetWeaver®

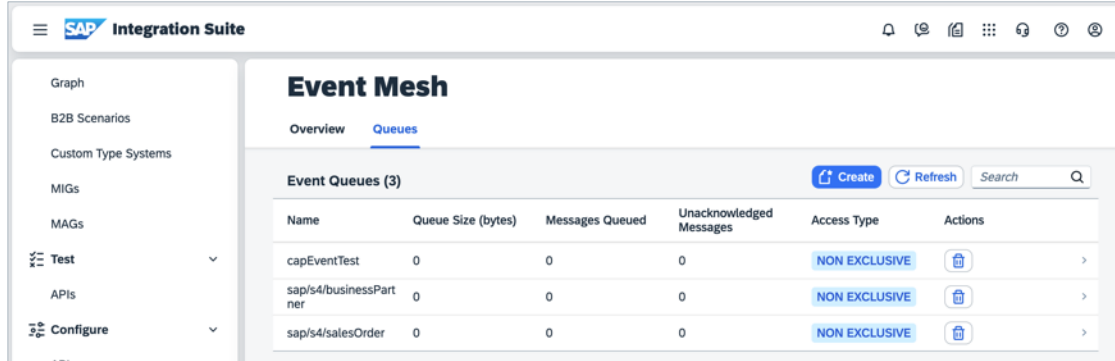
SAP  
Event Add-on  
for ERP

# Comparison RAP based, AIF, and Add-On based event enablement

Criteria	RAP based	Event Add-On for ERP	AIF
Target Scenario	Standard SAP / Go To Approach for SAP S/4HANA environments 2022+	Great choice for all on-prem and private cloud backends	Good choice for older backends specifically for existing AIF customers
Event Type	Extensible Standard Notification and Custom Notification or Data Events	Custom Events (data and notification)	Custom Events (data and notification)
Event Trigger	RAP BOs	BOR Objects, Idocs, BAPIs/RFC , RAP BOs	BOR Objects, Idocs, BAPIs/RFC
Commercials	Free usage with EM, EMIS and AEM	Paid SAP Add-On (BTPEA, CPEA, SAP Store)	Free usage with AEM
Supported Backends	<b>SAP S/4HANA</b> (2022 and 2023) <b>SAP S/4HANA, public cloud edition</b> <b>SAP S/4HANA, private cloud edition</b>	<b>SAP ECC</b> <b>SAP S/4HANA</b> SAP S/4HANA, private cloud edition	<b>SAP ECC</b> <b>SAP S/4HANA</b> SAP S/4HANA, private cloud edition
Delivery	Included in SAP S/4HANA	Add-On for SAP ECC, SAP S/4HANA and SAP S/4HANA, private cloud edition	Included in SAP S/4HANA Add-on for ECC
Product Highlights	<ul style="list-style-type: none"> <li>• <b>600+ ready to use standard events</b></li> <li>• Very high scale out</li> <li>• <b>Standard RAP Framework approach</b></li> <li>• A lot of sophisticated features</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Great time to event</b></li> <li>• <b>Pre-delivered custom content</b></li> <li>• <b>Strong Low Code / No Code</b></li> <li>• Allows for combining all different event creation technologies</li> <li>• Initial/Mass Load</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Huge installed AIF base</b></li> <li>• Great Monitoring and Reprocessing</li> <li>• Different event creation technologies</li> <li>• <b>Commercials</b></li> </ul>



# Event Brokers – EMIS and Advanced Event Mesh



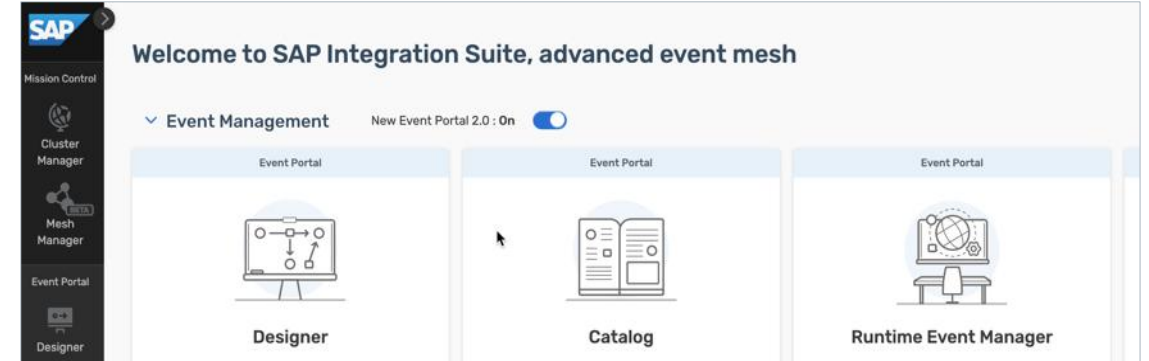
The screenshot shows the SAP Integration Suite Event Mesh interface. On the left is a navigation menu with options: Graph, B2B Scenarios, Custom Type Systems, MIGs, MAGs, Test (selected), APIs, and Configure. The main area is titled 'Event Mesh' with tabs for 'Overview' and 'Queues'. Below the tabs is a table titled 'Event Queues (3)' with columns: Name, Queue Size (bytes), Messages Queued, Unacknowledged Messages, Access Type, and Actions. The table contains three rows of data.

Name	Queue Size (bytes)	Messages Queued	Unacknowledged Messages	Access Type	Actions
capEventTest	0	0	0	NON EXCLUSIVE	[Icon] >
sap/s4/businessPartner	0	0	0	NON EXCLUSIVE	[Icon] >
sap/s4/salesOrder	0	0	0	NON EXCLUSIVE	[Icon] >

## ☆ Event Mesh in SAP Integration Suite

- Low-entry hurdle and shared infrastructure
- Focused feature set, limited to extension and smaller integration
- Notification events and limited amount of data events
- Frequent migration to advanced event mesh once use cases get more demanding

→ Great for basic and “isolated” small to medium use cases



## ☆ SAP Integration Suite, advanced event mesh

- Leading event broker with almost no scale limits (# of brokers, broker size)
- Sophisticated features
- Platform includes Event Portal, Insights, DT, Deployment options ...
- All kinds of events and 3rd-party integration
- Small to extremely large event meshes
- Future-ready for AI and employee-initiated EDA

→ Great for EDA use cases offering distributed EDA

# Roadmap Highlights and Direction



**Connection and Migration** options  
from EMIS to AEM  
Q2/2025



**Integration into SAP Standard Tooling**  
e.g. CALM monitoring Q1 2025+



**End-to-End Visibility**  
Distributed Tracing between  
SAP S/4HANA and AEM



**Developer Hub** for  
APIs and Events  
Q1/2025

More **Extensible Events** in SAP  
S/4HANA

**SuccessFactors Events**

# Thank you.

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