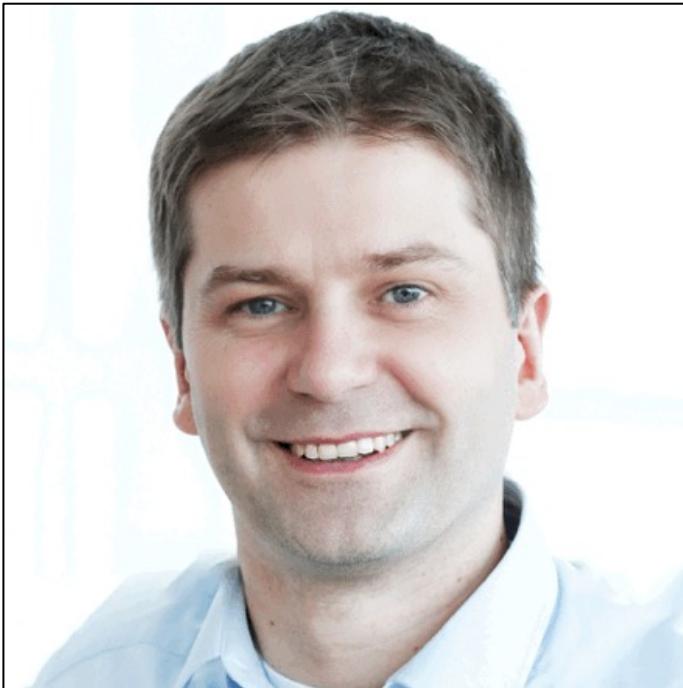




Experience Event-Driven Integrations Hands-On with SAP Integration Suite

Public

Today's Speakers



Karsten Strothmann
Lead Product Manager
SAP Event Mesh and SAP
Integration Suite, advanced event
mesh



Marco Ertel
Product Management
SAP Integration Suite



Scott Dillon
Vice President, SAP and
Global Ecosystem
Solace

Before we get started ...

This session is categorized Advanced:
we cover a lot of ground E2E

You have **admin roles**: please use them
responsibly specifically when deleting

UIs shared between you: use **search / filtering features** if needed



Agenda

Build an event-driven end-to-end scenario and gain hands-on experience with SAP's event brokers, namely the SAP Event Mesh capability and SAP Integration Suite, advanced event mesh.

Introduction and Orientation: EDAs, Ecosystem, EM and AEM

API Business Hub and S/4HANA Events (Quick Demo)

SAP Event Mesh E2E Scenario with an Extension Application

SAP Integration Suite, advanced event mesh

Introduction



Event-Driven Architecture is a Team Sport



We want our ERP to be a team player

Derrick, Customer

Player skills multiply

Talent wins games,
teamwork wins championships

Event-driven integrations in a nutshell



Event-driven integrations

Events are **significant changes in state** (such as business partner changed in SAP S/4HANA).

Event brokers inform **event consumers** of events in **event sources**.

Events can be **notification events** or **data events**.

Event-driven integrations use **asynchronous patterns** and **loose coupling**.

In an SAP solution context, we typically talk about **event-driven extensions** and **event-driven integrations**.

Benefits

Business **real-time** updates on events in other business applications

Loose coupling, resulting in increased **flexibility and scalability**

Easy reuse of existing eventing infrastructure, providing more **comfort**

Open standards, allowing you to **cross vendor boundaries**



SAP's event-driven ecosystem today

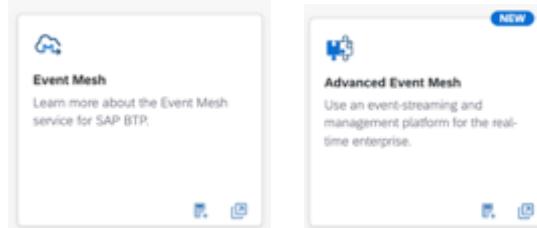
Event sources

SAP S/4HANA
SAP S/4HANA Cloud
SAP ERP
SAP SuccessFactors solutions
SAP Marketing Cloud
SAP Fieldglass solutions
SAP Data Intelligence
SAP CPQ
Other SAP solutions
Third-party solutions

Eventing infrastructure

SAP Integration Suite

- SAP Event Mesh
- Advanced event mesh



- Event routing services
- Event catalogs

Event consumers

SAP Integration Suite
SAP Build
SAP BTP: services and apps
SAP software back ends
(SAP S/4HANA Cloud and SAP S/4HANA,
SAP ECC, and SAP S/4HANA using add-on)
SAP BTP, Kyma runtime
SAP Data Intelligence
Azure Event Grid
(beta program)
Third-party solutions

Know-how

Guidance (SAP Integration Solution Advisory Methodology and more) and learning materials (SAP Discovery Center missions and more)



SAP Event Mesh & SAP Integration Suite, advanced event mesh

Fully-managed services for enabling enterprise-grade event-driven architectures



SAP Event Mesh

- **Low entry barrier** to event-driven architectures with **pay per use-based pricing**
- **Integrate and extend SAP applications** in an event-driven way based on SAP Integration Suite
- **SAP BTP Deployment** and **native event broker** for SAP S/4HANA, free add-on for custom ECC events
- **Openness and focus** combined by supporting open standards and providing extra benefits for SAP ecosystem
- **Scales well** with certain **set limits**

Advanced Event Mesh

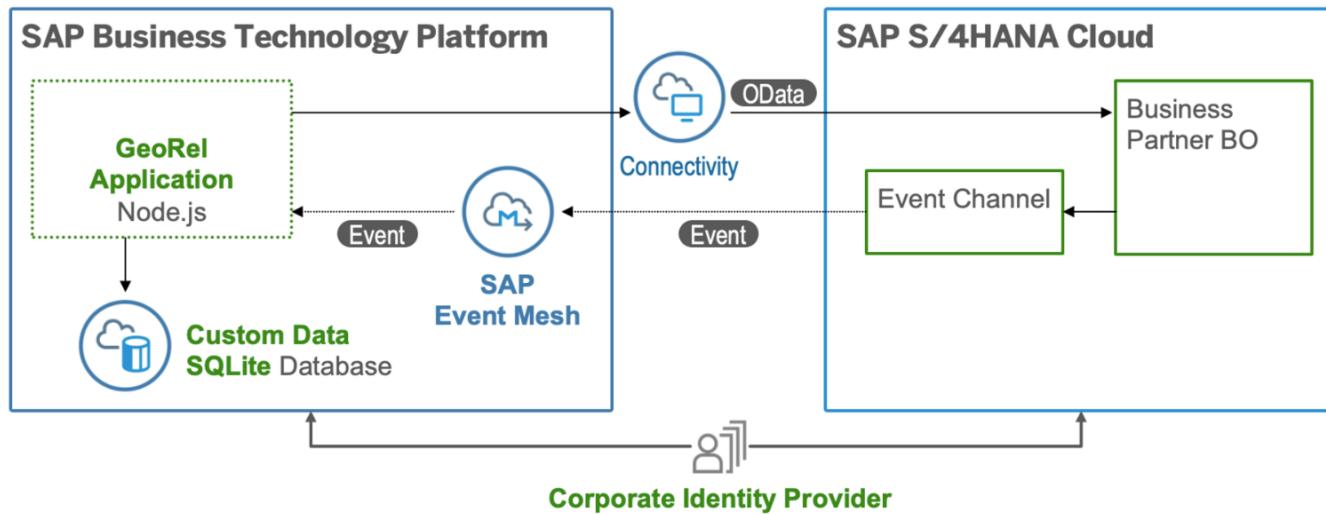
- **Complements SAP Event Mesh** for more demanding scenarios
- **Enterprise-grade** performance, reliability, security and governance; scales to **very large use cases**
- **Distributed mesh of event brokers** deployed **across environments** in **private or public clouds**
- Full purpose set of **eventing services** including event streaming, event management and monitoring
- **Advanced features** like dynamic message routing and fine-grained filtering

Orientation: Business Case and Architecture



Existing Business Case: Event-Driven Extension for SAP S/4HANA Cloud

Extend SAP S/4HANA Business Processes

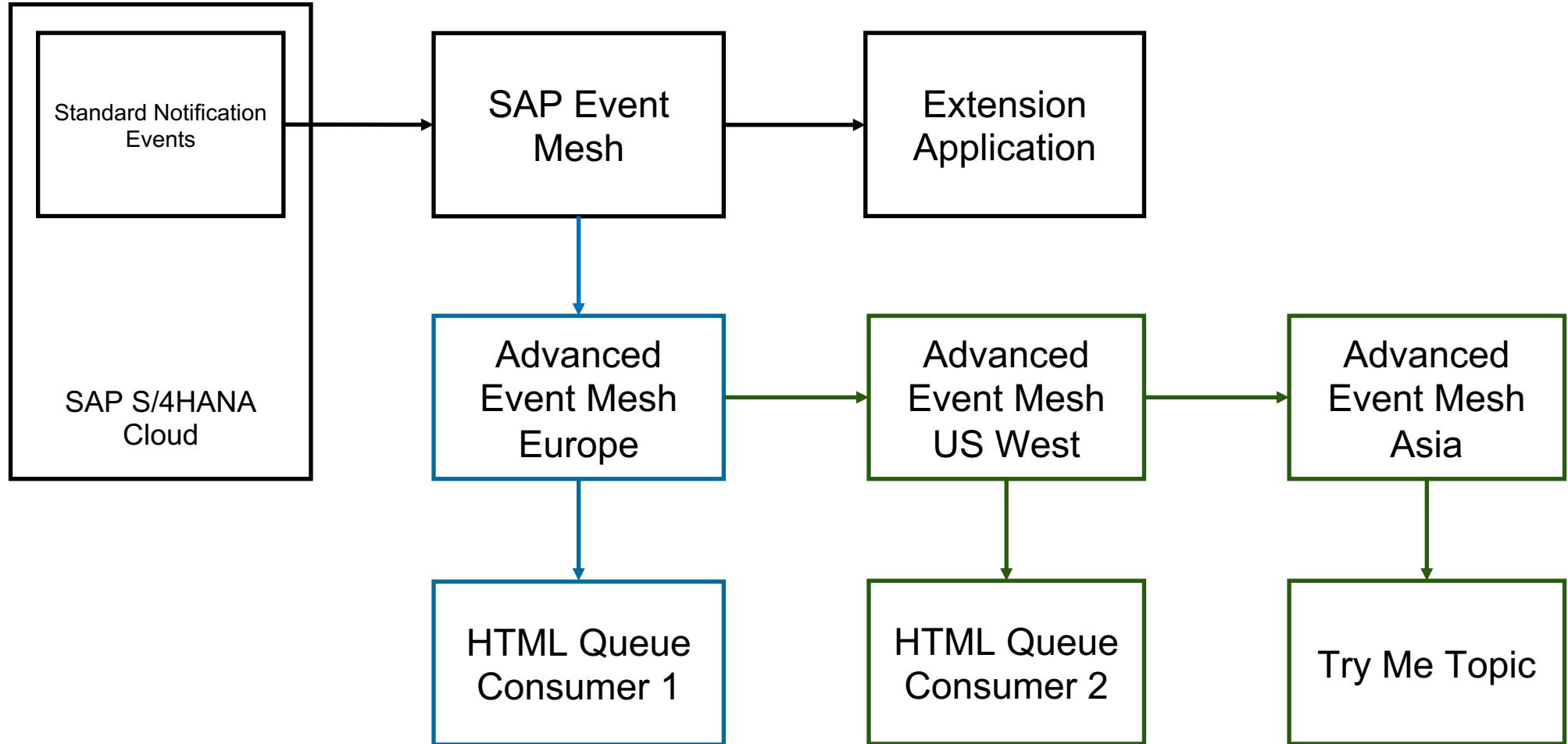


Discovery Center Mission

Allows call center employees to work supplied in real time with data from an S/4HANA backend system

Use of BusinessPartner notification events mean that for every event an API call has to take place

Advanced Business Case: Event-Driven Extension for SAP S/4HANA Cloud



Hands-On Steps

1. Play around with **SAP Event Mesh** in pre-configured GeoRel Scenario based on notification event
2. **Connect SAP Event Mesh to Advanced Event Mesh**
3. Consume event in **Advanced Event Mesh**
4. Consume event in **two other brokers** in your mesh using different approaches
5. **Play around with Advanced Event Mesh**

Execution



IN261 - Experience Event-Driven Integrations Hands-On with SAP Integration Suite



Description

Build an end-to-end integration scenario and gain hands-on experience with SAP's event brokers, namely the SAP Event Mesh capability and SAP Integration Suite, advanced event mesh.

Learn how you can improve your situational awareness by having your SAP backends, namely SAP S/4HANA and SAP ECC, act as a real-time teamplayer.

Wrap Up



You have

Experienced how event-driven architectures with SAP Integration Suite work

Had a chance to experience event-enabling SAP backends with standard SAP notification events

Have played around with both SAP Event Mesh and SAP Integration Suite, advanced event mesh

Have consumed events from SAP Event Mesh

Have consumed your events across an event mesh

Have looked into features like Insights or the Event Portal in Advanced Event Mesh



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61%

Get promotions¹

91%

Increase
confidence in abilities¹

>71%

Increase
problem-solving skills²



Become an SAP solution expert –
now as easy as 1,2,3 in one place:

- Follow expert-led **learning journeys and live sessions** for various development roles to upskill and **prepare for certification**
- Benefit from the **event-exclusive certification offer**



Expand your
conference experience:

- Connect with experts, share your knowledge, expand your network, and collaborate with peers in **SAP Community**
- Network with other participants in the group for **SAP TechEd** and join the **SAP Learning Groups** to get your learning questions answered

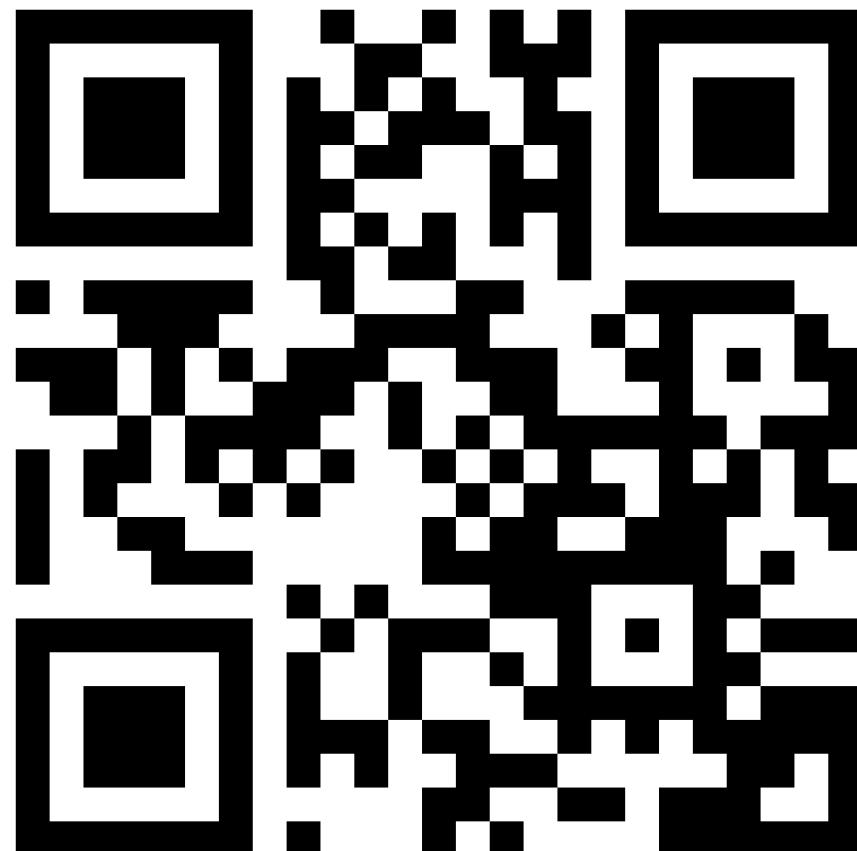


1. Pearson VUE's Latest "Value of IT Certification" Study Highlights Benefits of IT Certification in Challenging Times," Pearson Education Inc., May 25, 2021.

2. Chuck Cooper, [Why Get IT Certified? The Value of IT Certification: An IT Certification White Paper](#), IT Certification Council, March 2021.

Session Survey- Tell us how we did!

Please take a moment to tell us what you thought of this session – scan the QR Code to complete the session survey, and have your voice heard.



Thank you.

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