SAP S4/HANA Event Mesh Framework

ABAP RESTful Application Programming Model

PUBLIC

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THE BEST RUN SAP

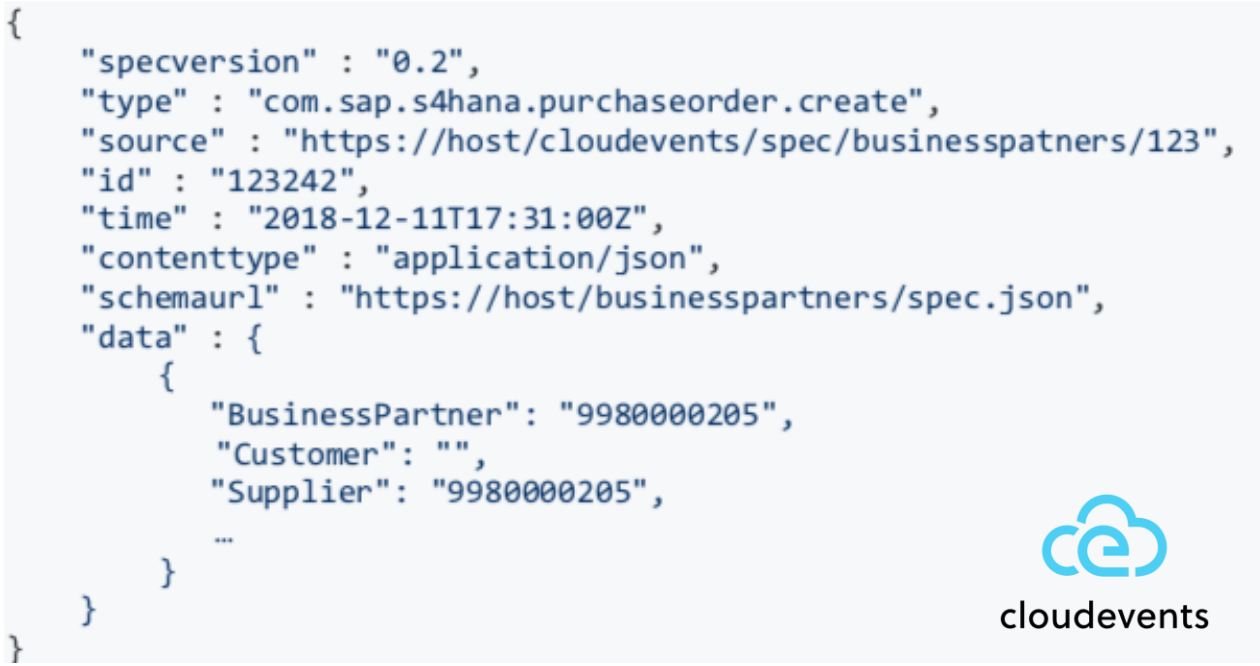
Agenda

- **Messaging: Basics**
- **SAP Event Mesh: Demo**
- **Outlook**
- **Q&A**

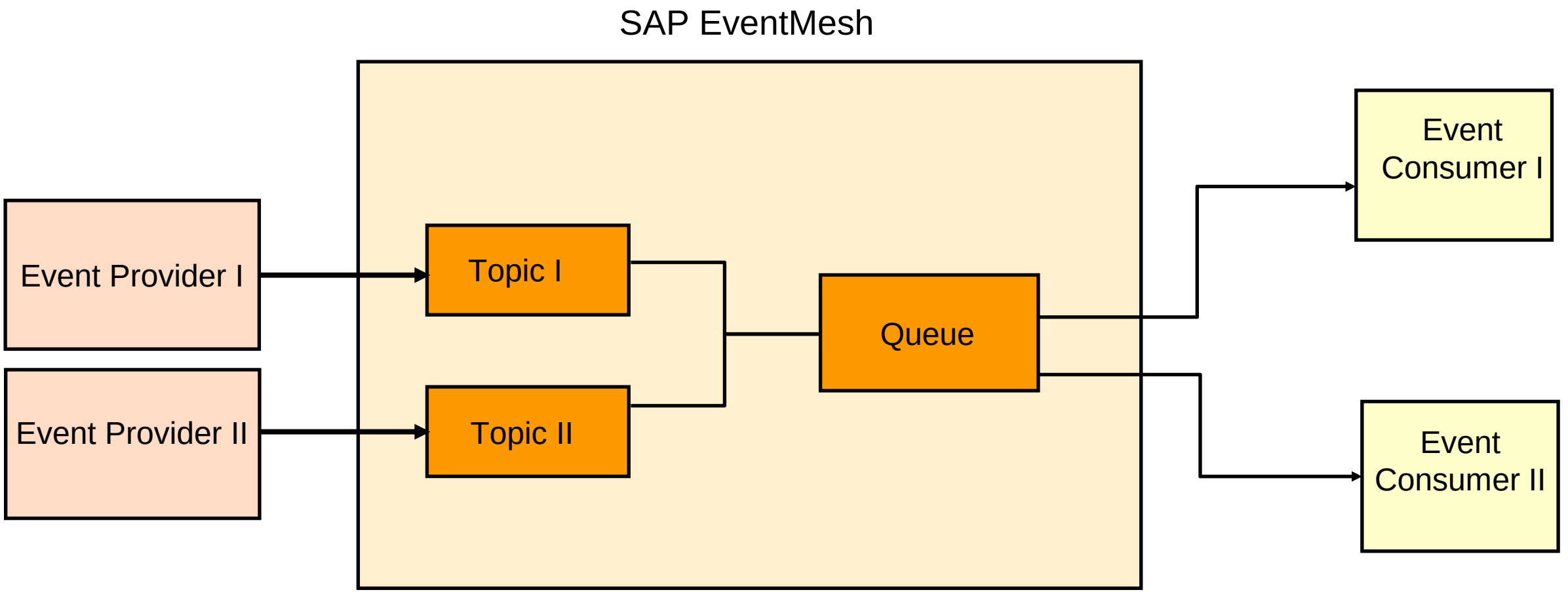
Messaging: Basics

What is an Event?

- "**Occurrence**" – Something happened
  - E.g. an business partner was changed
- "**Event**" – An occurrence and its context
  - E.g. an business partner was changed by system (host) at time ….

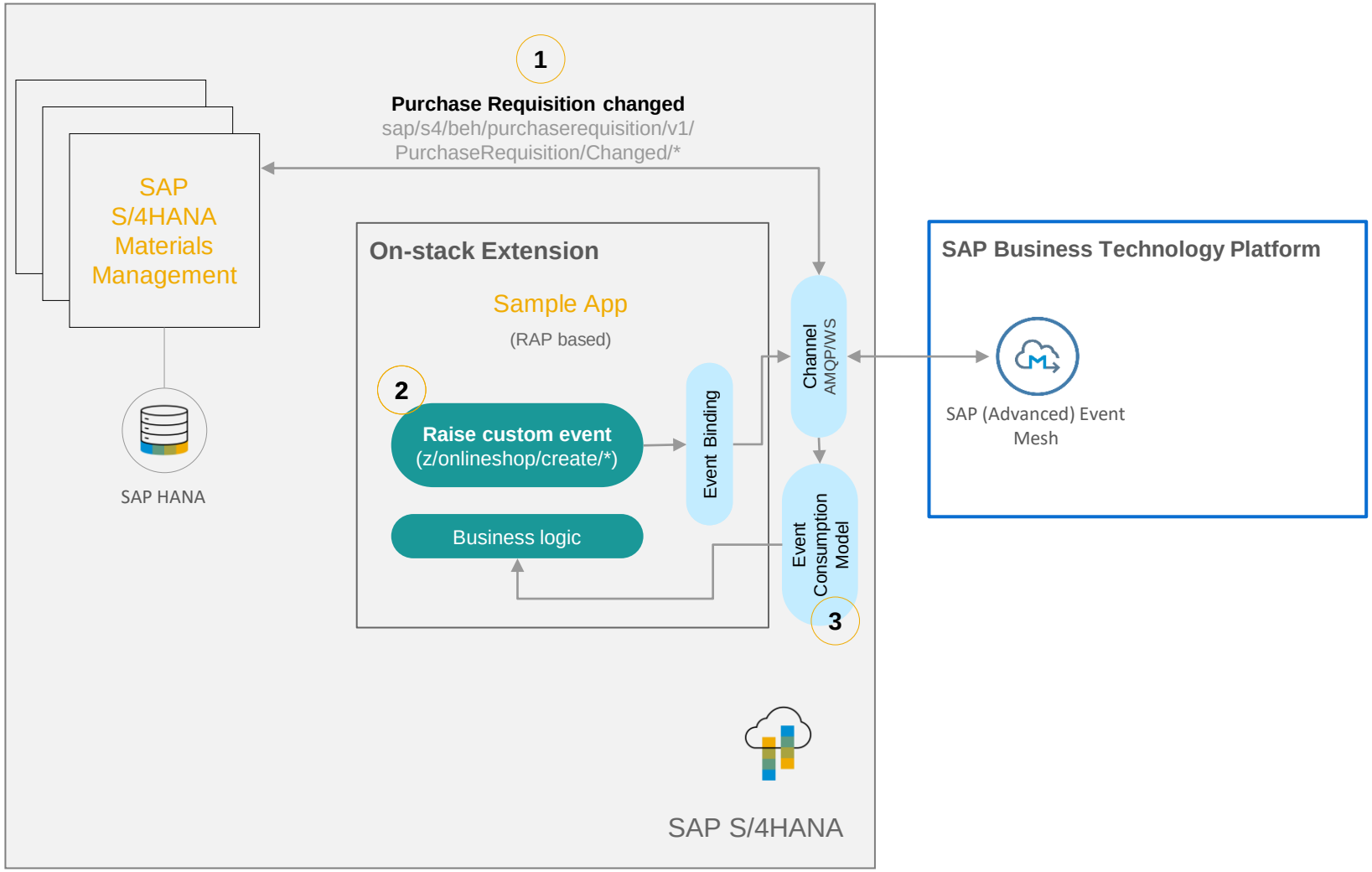


SAP Event Mesh: Messaging Concept (Queue, Subscription, Topics)



SAP Event Mesh: Demo

Demo landscape



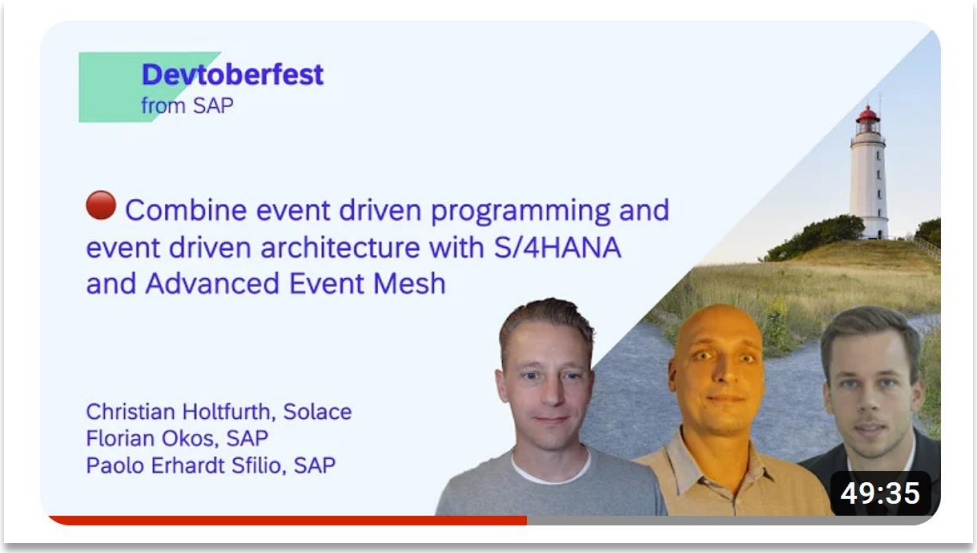
✓ 1 Demo 1: Outbound **Standard Event**

✓ 2 Demo 2: Outbound **Custom Event**

✓ 3 Demo 3: Inbound **Custom Event**

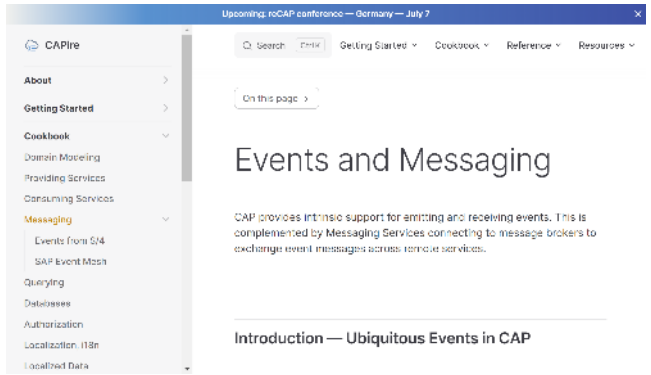
Outlook

Youtube (Live) Session

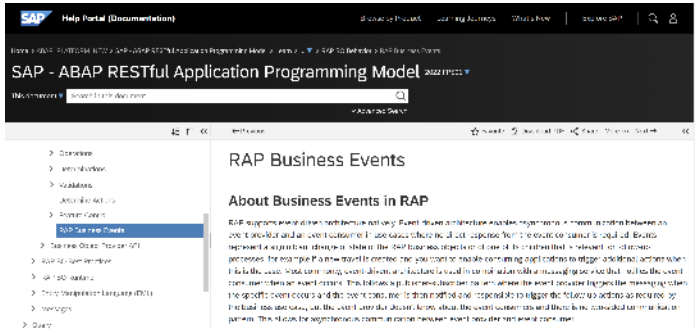


[Link]

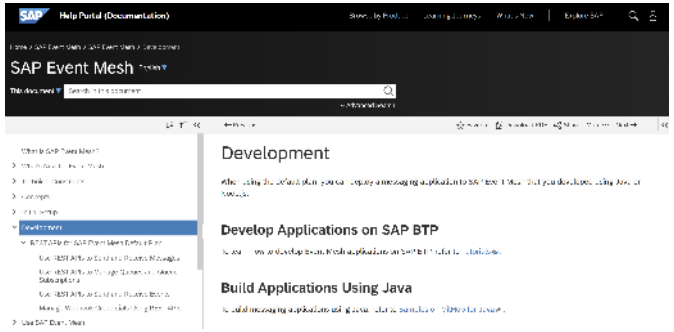
Further topic: Event consumption in (Non-)SAP programming models



[SAP Cloud Application Programming Model
Events and Messaging]



[ABAP RESTful Application Programming Model
Events and Messaging]



[Non-SAP Programming Models
(Java, Node.js & REST)]

More information on S/4HANA Events

Demo 1 – Outbound: Custom Event

How to Create RAP Business Events in SAP S/4HANA On Premise 2022 | SAP Blogs

Maintain Event Publication Scenarios | SAP S/4HANA - Enterprise Event Enablement

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Demo 2 – Outbound: Standard Event

SAP S/4HANA Event Catalog | SAP API Business Hub

Demo 3 – Inbound: Custom Event

Maintain Event Publication Scenarios | SAP S/4HANA - Enterprise Event Enablement

Generating an Event Consumption Model | SAP - ABAP Development User Guide

Consume an Event using Event Consumption Model (for SAP BTP ABAP environment) | SAP Blogs

Other

An Introduction to Enterprise Event Enablement for SAP BTP ABAP Environment | SAP Blogs

CloudEvents specification | Event Metadata

AsyncAPI | Event Metadata

Q&A

Q
&
A

Thank you.

Paolo Sfilio

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