

SAP Cloud Platform Integration Suite

Monthly Updates – April 2020

Alexander Bundschuh, Finny Babu
Product Management, SAP Cloud Platform Integration Suite

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Agenda



- Product Updates
 - Team based development using Access Policies
 - Support for GS1 EANCOM Libraries
 - Latest Integration Content
 - Process Orchestration Maintenance Extension



- Interact with Integration Black Belt
- Q&A

Team based development using Access Policies

- In general, user permissions are granted based on tasks that can be performed on all artifacts and data (like Integration Developer, Tenant Admin, Business Expert, etc)
- **Access policies** provide a way to additionally protect a subset of artifacts and data.
- Current Scope: Restrict access to business data collected during execution of integration flows i.e. Message Processing Log Attachments and Trace Data
- Next Increments:
 - Extend the scope to artifacts in monitoring
 - Integration Flow Design time

Configuring Access Policy

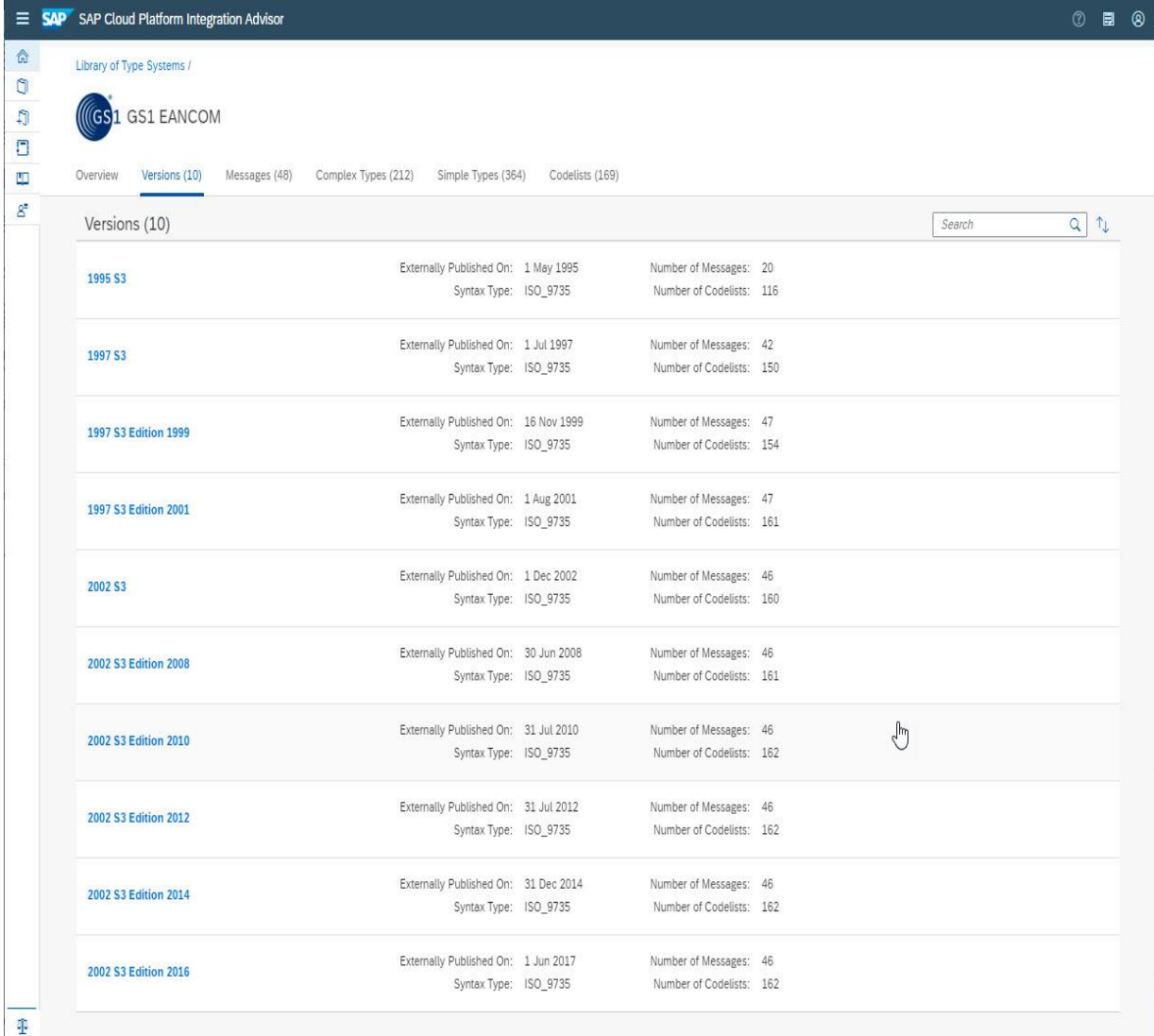
1. Create a Custom Role on SAP Cloud Platform for your TMN application
2. Assign this role to users who are to get access once the access policies are active
3. Create an access policy containing references to all integration flows of the group
4. Add artifacts to the Access Policy



Demo

Support for GS1 EANCOM Libraries

- GS1 EANCOM® is a GS1 subset of the UN/EDIFACT standard (United Nations Electronic Data Interchange for Administration, Commerce and Transport)
- It contains only the message elements required by business applications for domains supported by the GS1 organizations such as retail, consumer products, transport and logistics.
- Current Scope: Supports overall 10 versions (EANCOM Editions) from *1995* up to *2002 Edition 2016*



Version	Externally Published On	Syntax Type	Number of Messages	Number of Codelists
1995 S3	1 May 1995	ISO_9735	20	116
1997 S3	1 Jul 1997	ISO_9735	42	150
1997 S3 Edition 1999	16 Nov 1999	ISO_9735	47	154
1997 S3 Edition 2001	1 Aug 2001	ISO_9735	47	161
2002 S3	1 Dec 2002	ISO_9735	46	160
2002 S3 Edition 2008	30 Jun 2008	ISO_9735	46	161
2002 S3 Edition 2010	31 Jul 2010	ISO_9735	46	162
2002 S3 Edition 2012	31 Jul 2012	ISO_9735	46	162
2002 S3 Edition 2014	31 Dec 2014	ISO_9735	46	162
2002 S3 Edition 2016	1 Jun 2017	ISO_9735	46	162

Latest Integration Content

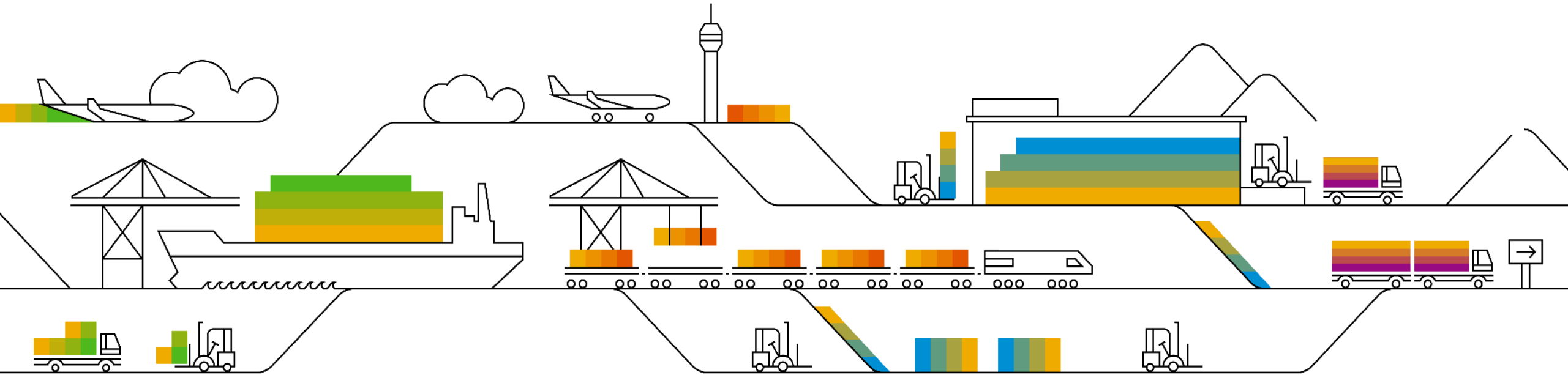
New Integration & API's

- [SAP SuccessFactors Employee Central Integration With SAP S/4HANA Public Sector](#)
- [SAP Document Compliance:Electronic Invoicing option for China](#)
- [SAP Cloud Platform Malware Scanning Service](#)

Updated Integrations

- [e-Filing of Employees' Payments and Deductions for UK- FPS, EPS, EYU & EXB: 2020-2](#)
- [Central Order Integration with SAP S/4HANA](#)
- [SAP S/4HANA Integration with SAP Localization Hub](#)

Process Orchestration



Agenda



- Maintenance of SAP Process Orchestration



Maintenance strategy for SAP NetWeaver 7.5 fully aligned with SAP Business Suite 7

The mainstream maintenance of SAP NetWeaver release 7.4 and below end after 2020

- There is no extended maintenance supported
- Customers that haven't upgraded yet, automatically enter customer-specific maintenance, see SAP note [52505](#)

The mainstream maintenance of SAP NetWeaver release 7.5 has been prolonged to 2027 with option for extended maintenance until 2030

- See [blog post](#)
- See SAP note [1648480](#)

Recommended action: Migrate to SAP NetWeaver 7.5

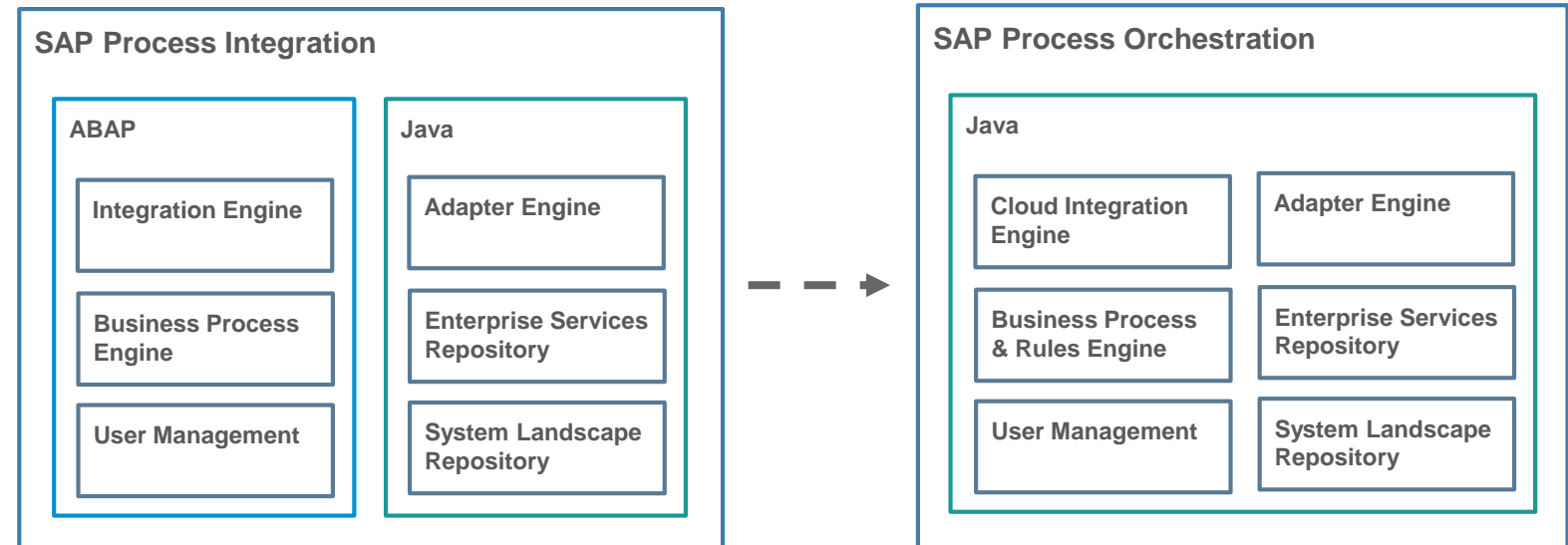
Recommended to migrate from existing dual-stack SAP Process Integration to Java-based single-stack architecture

- Lower TCO
- Better performance
- Higher functional scope

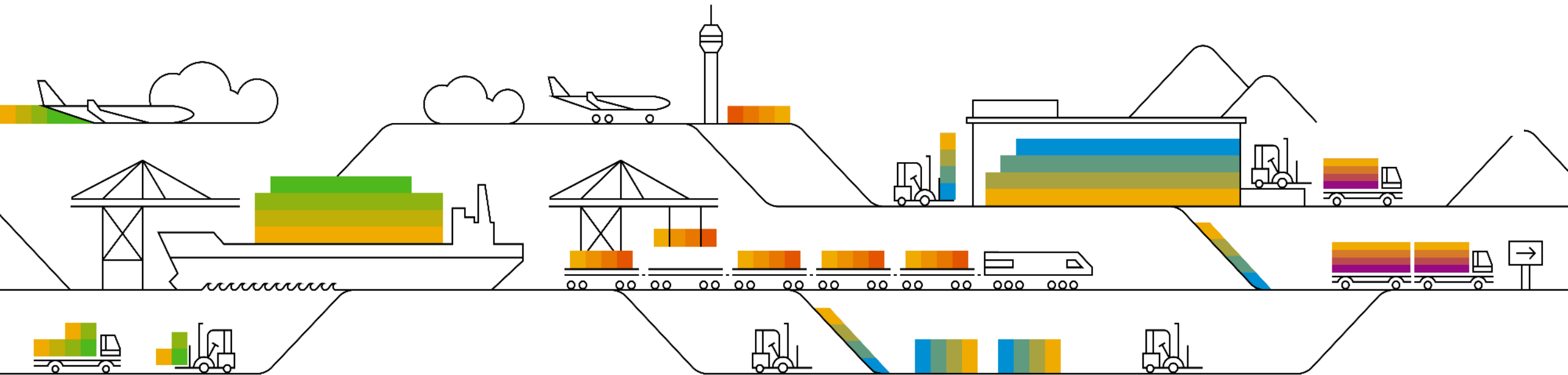
Though: Dual usage type supported in 7.5

Check out the following references:

- [Extended Maintenance of release 7.5](#)
- [Upgrade & migration options](#)
- [Migrating directory content](#)
- [Run automated integration scenario tests](#)



Interact with Integration Black Belt



Introduction



Divya Mary

Lead Product Manager, SAP Cloud Platform Integration Suite



Experience: 11 years with SAP

Previous Roles: Developer, Architect, Product Manager

“Passionate about Customer Success and enthusiastic for Solution Architecture”

Agenda

- Project Embrace
- Solution Blueprints for Project Embrace





SAP's Multi-Cloud Strategy & Embrace

The **Four** Pillars of Embrace

1 MARKET APPROVED JOURNEYS

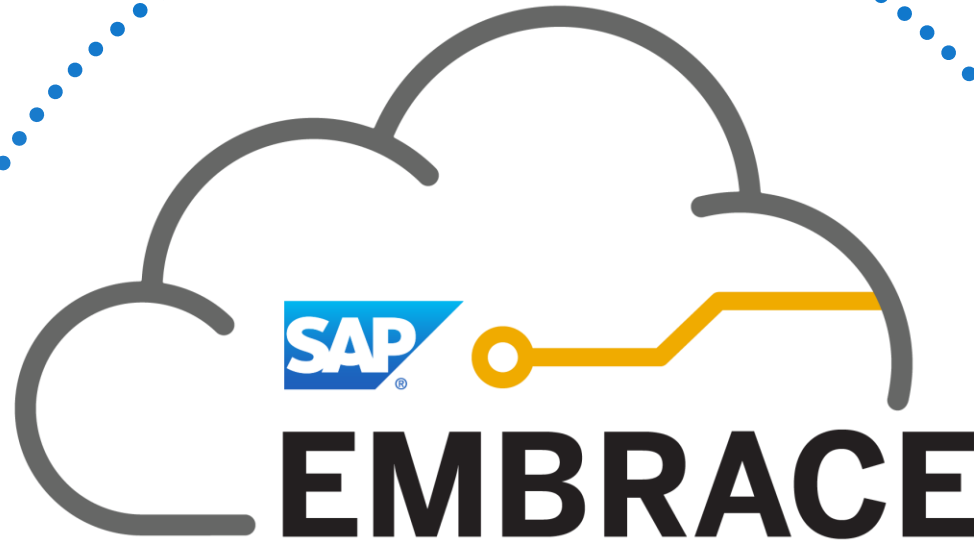
Jointly created roadmap for S/4HANA and other SAP solutions, by industry

Leveraging specialist expertise and best practices

4 EMBRACE ENGAGEMENT AND SERVICES

A Catalyst and Actionable Plan

Assessment and discovery bringing together the customer, SAP, Microsoft Azure and System Integrators; along with a service plan for a successful lift and shift to the Intelligent Enterprise



Reduce costs with standardized cloud-native services and reference architecture

Access to innovation with market-approved journeys

Improve performance with out-of-the-box functionality, services, and scalability

2 REFERENCE ARCHITECTURES

Jointly developed technical blueprint

Outlining technical feasibility of integration between SAP S/4HANA, Business Technology Platform and Microsoft Azure services

3 OPTIMIZED PLATFORM

Demonstrate how customers can build business outcomes on the Business Technology Platform

Integration, orchestration, and extension of SAP solutions and third-party applications, leveraging joint SAP and Azure services

Enterprise **Integration** and **Extension**

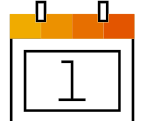
SAP

- SAP Cloud Platform Integration
- SAP Cloud Platform OData Provisioning
- SAP Cloud Platform API Management
- SAP Cloud Platform Open Connectors
- SAP Cloud Platform Enterprise Messaging
- SAP Cloud Platform Extension Factory
- SAP Cloud Platform Serverless Runtime

Microsoft

- Microsoft Graph
- Azure Logic Apps
- Azure Functions
- Azure Service Bus
- Azure Event Grid

Simplify enterprise integrations for customers across SAP & Azure services



Business Outcome

Combine the power of SAP's Intelligent Enterprise with Azure's cloud computing services using out-of-the box integration tools that are prewired for your business solutions spanning across Microsoft Azure, other public clouds and your private data centers.

Value Proposition

Customer

- Real-time and trusted access to SAP and Azure data in hybrid and heterogenous environments
- Prebuilt integration templates for SAP and non-SAP systems

SAP

- 1400+ out-of-the-box business process integrations incorporating LOB and industry best practices
- 160+ open connectors to 3rd party apps, 1100+ SAP and Partner APIs on the API Hub
- Open enterprise data and processes from SAP and non-SAP systems as real-time, secure and governed Open APIs for omnichannel access

Microsoft

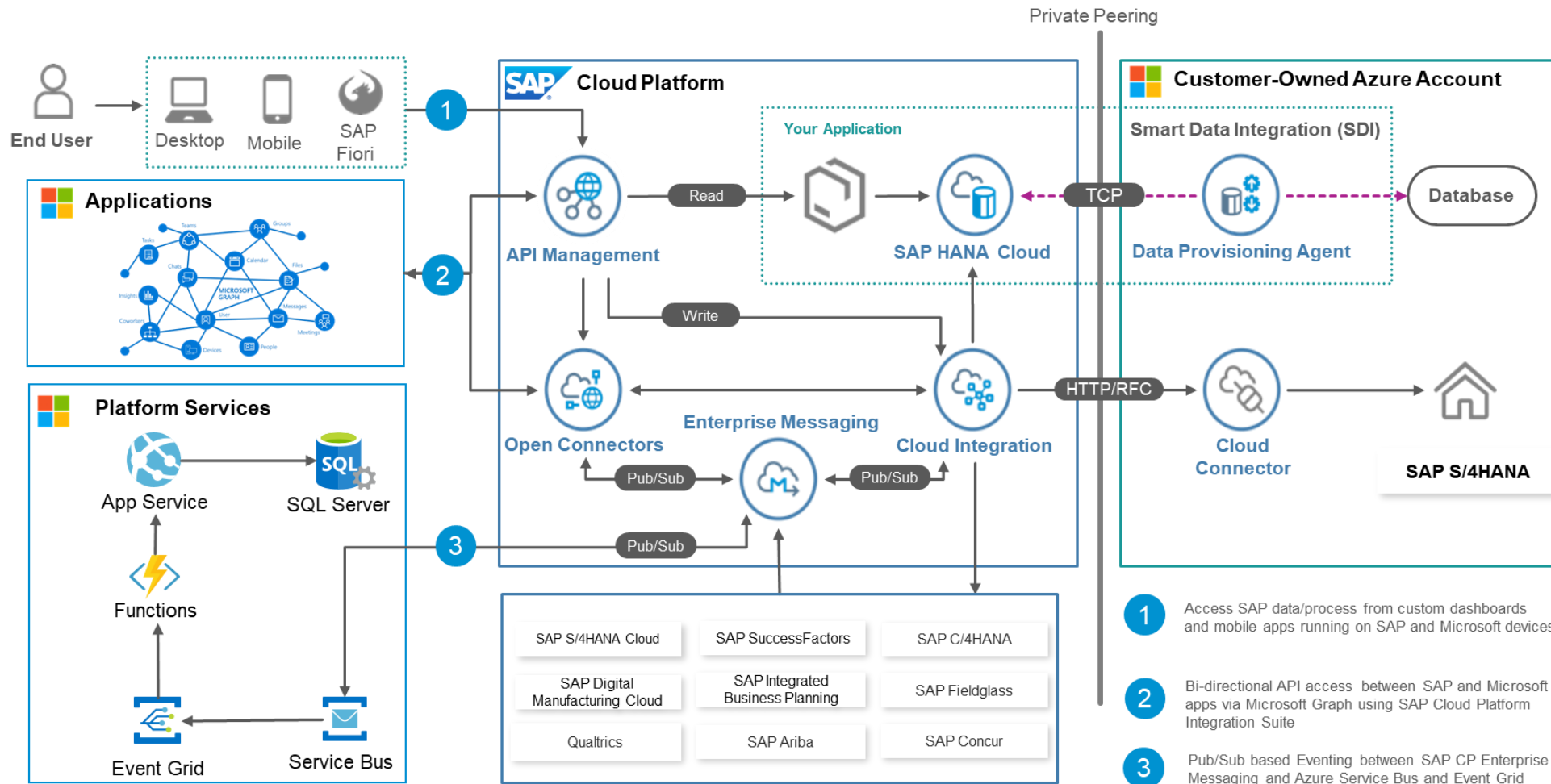
- Combine SAP business processes with the universe of Microsoft services via Graph
- Take advantage of your current BizTalk Server investments to connect to SAP business applications

Sample Technologies

- SAP Cloud Platform Integration
- SAP Cloud Platform OData Provisioning
- SAP Cloud Platform API Management
- SAP Cloud Platform Open Connectors
- SAP Cloud Platform Enterprise Messaging

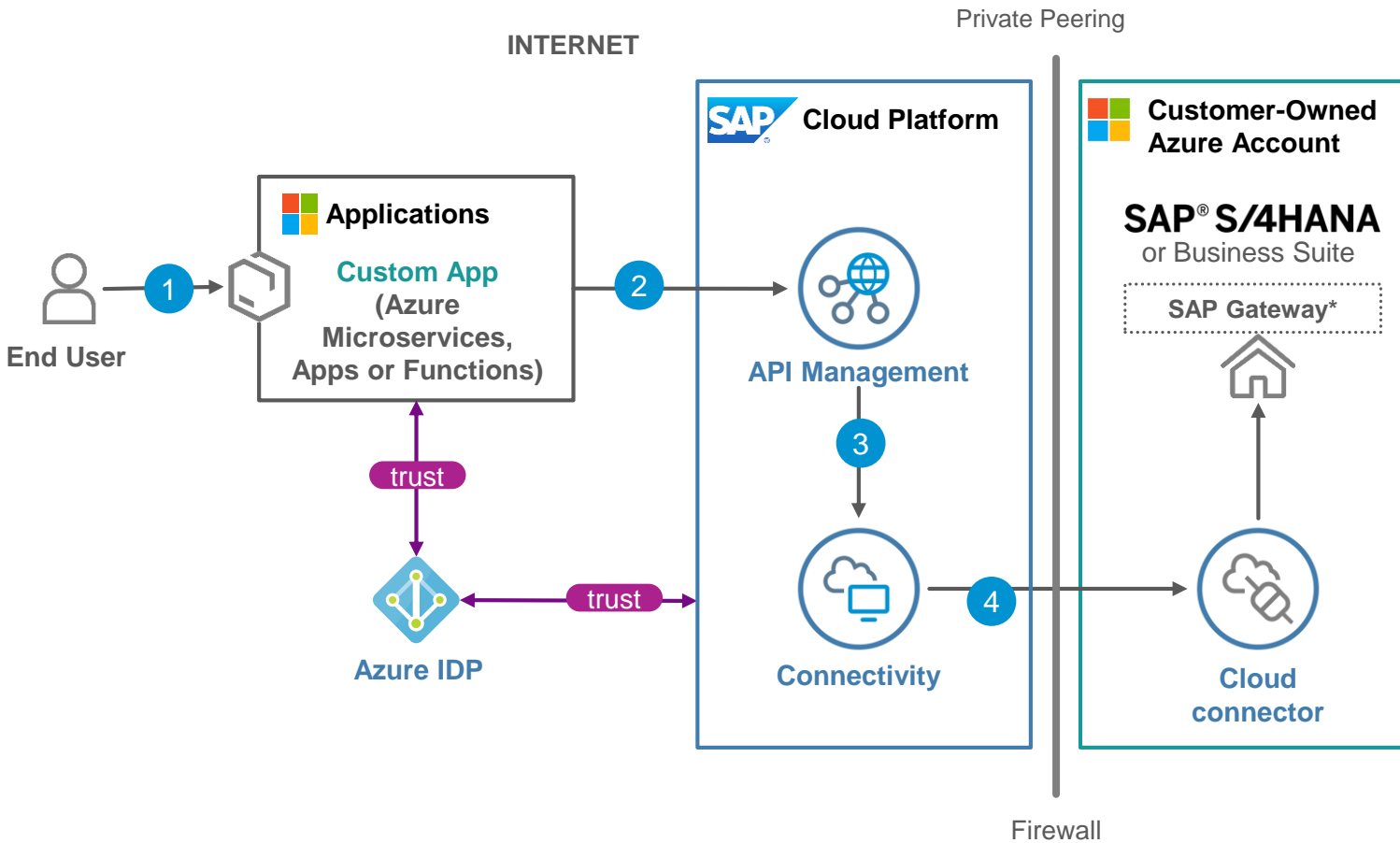
- Azure Logic Apps
- Azure Functions
- Azure Microsoft Graph
- Azure Service Bus

Simplify business process integration across SAP and Microsoft



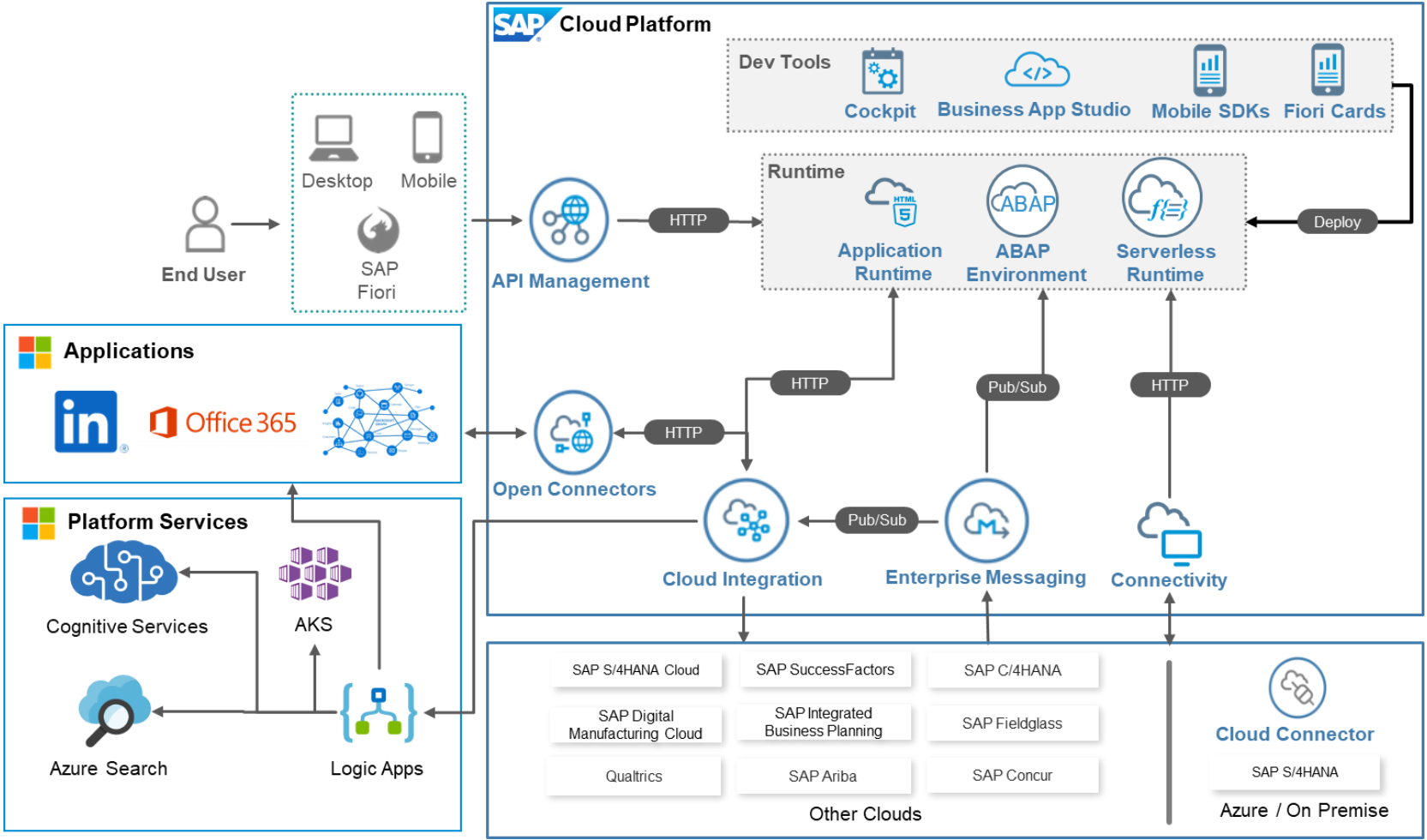
<https://www.sap.com/products/cloud-platform/use-cases/integrate-processes.html>

Connect Azure apps with data from SAP Backends



- 1 Users log-ins to the custom application running on Azure. For SSO it is assumed that there is trust configuration already set up between the client application running on Azure and Azure IDP.
- 2 Users accesses SAP APIs via API Management. For this, the identity of the user can be passed to API Management (in JWT token format or SAML assertion or in custom header). If the user's identity is passed in custom header then it is recommended to add an additional verify apikey policy to ensure that only trusted apps are able to access the APIs. If JWT or SAML assertion is passed then a trust relationship exists between Azure IDP and API Management.
- 3 After the API calls from the custom app are validated, a short SAML assertion via policies are generated from SAP Cloud Platform API Management.
- 4 From the SAP Cloud Connector, via principal propagation, secure connectivity to SAP on premise systems are then established.

Extend SAP S/4HANA with SAP and Microsoft services



<https://www.sap.com/products/cloud-platform/use-cases/extend-s4hana.html>

Q&A

Invitation: “Integration Black Belts”

“Interact with Integration Blackbelts”

- Speakers from customers / partners / stakeholders / consultants to share their innovations, solution architecture, best practices and integration patterns
- Interested to present? Reach out to finny.babu@sap.com



Thank you.