



SAP Integration Suite

The enterprise Integration Suite for hybrid and heterogeneous environments

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Agenda

- SAP Integration Suite – Overview
- SAP Integration Suite – Recent Innovations
- SAP Integration Suite – Road Map
- Key Take-Aways, Q & A
- Results from Global Integration Survey 2022 by IFG
- Links for Further Information

SAP Integration Suite

Overview

SAP's integration plan in the cloud

Deep dive integration strategy

- Integration in the cloud is a key pillar of SAP's Strategy
- A strategic corporate priority for SAP Executive leadership

["Integration Makes All the Difference" - blog](#)

[Integration strategy paper with roadmap](#)



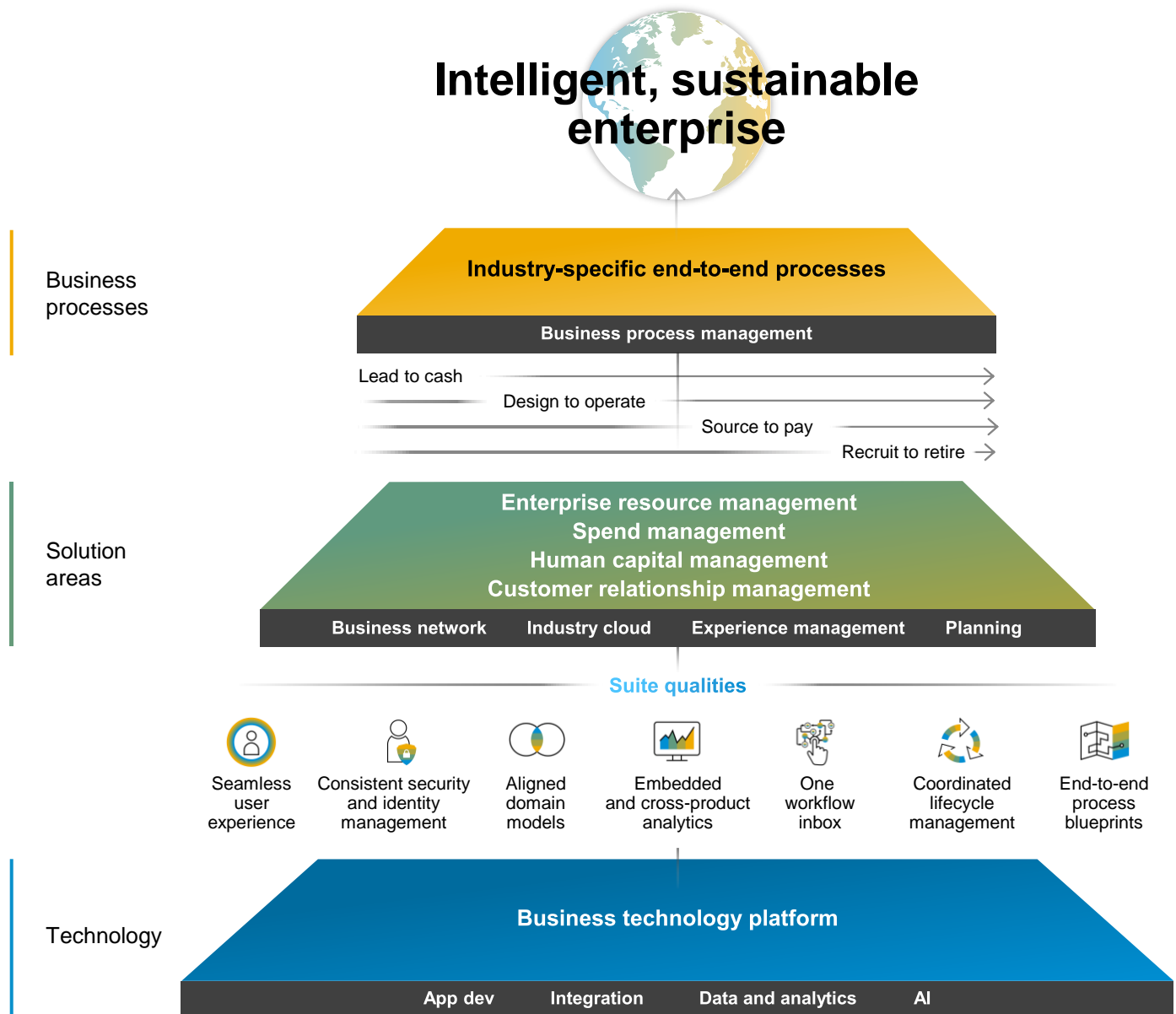
Christian Klein
CEO, SAP



Jürgen Müller
CTO & Member of the Executive Board Technology & Innovation

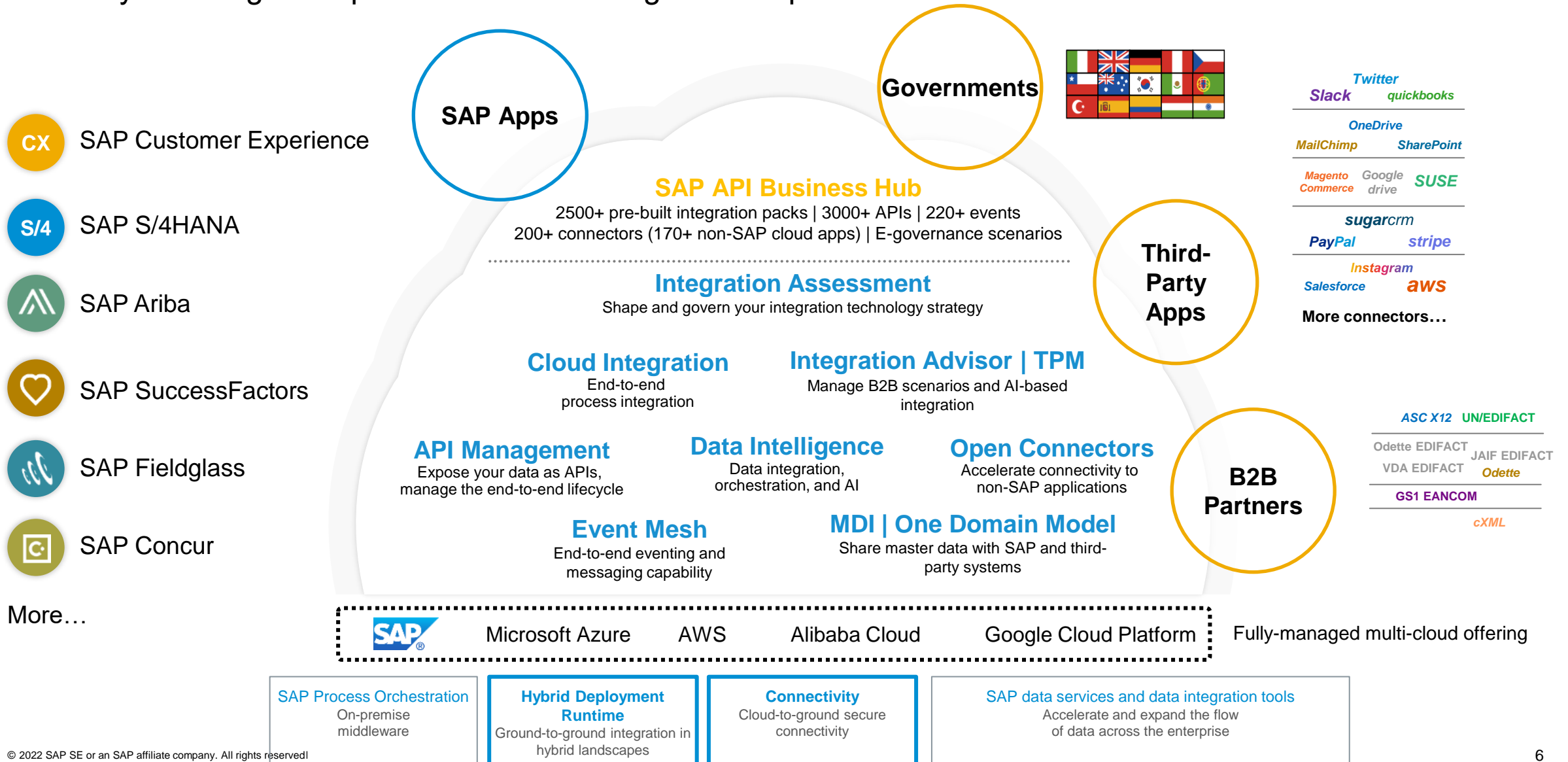


Thomas Saueressig
Member of the Executive Board
SAP Product Engineering



SAP Integration Suite

SAP's hybrid integration platform for the Intelligent Enterprise



Integration PaaS | Integration SaaS | Integration clouds



SAP Integration Suite

Leading Enterprise Integration Platform as a Service (EiPaaS)

2021 Leader* in  for EiPaaS

Figure 1: Magic Quadrant for Enterprise Integration Platform as a Service



Source: Gartner (September 2021)

Key factors to become leading platform

- Completeness of vision
- Ability to execute
- Customer references

Published Sept 29th, 2021

Read the [SAP Newsbyte article](#)

2021 Gartner Peer Insights Customers' Choice for EiPaaS



Highlights

- Highest reviews among the companies
- 93% would recommend us as preferred EiPaaS
- Customer's choice for midsize enterprises

Published April 1st, 2021 | ID G00745387

Read Gartner Peer Insights 'Voice of the Customer' [report](#)

2022 Total Economic Impact Study of SAP Integration Suite



Highlights

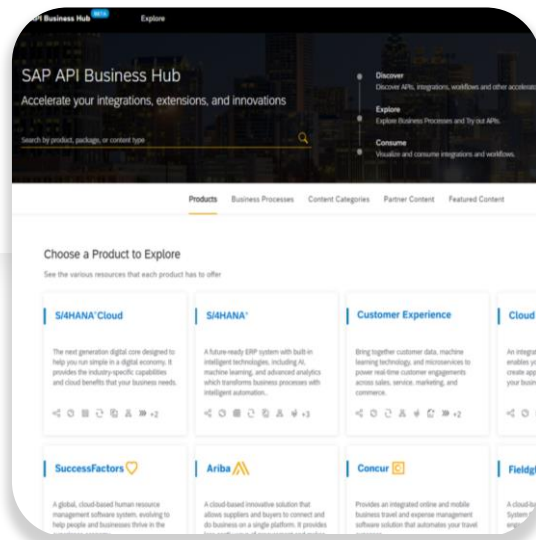
- Customer interviews and financial analysis found that companies that use SAP Integration Suite can see up to a 278% return on investment over three years.

Published March 2022

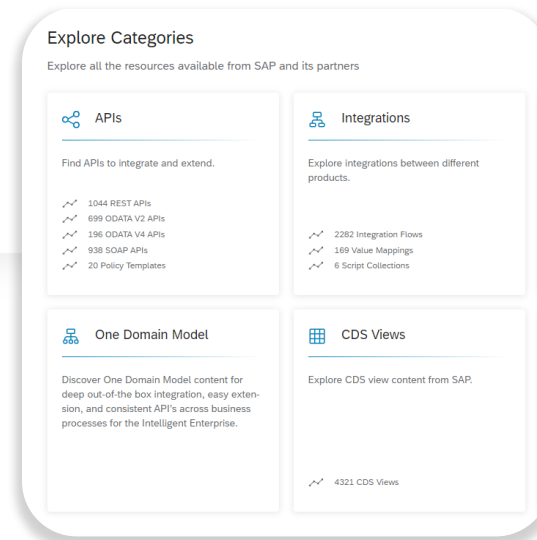
Read the [study](#)

Profit from quick time-to-value through out-of-the-box integration content

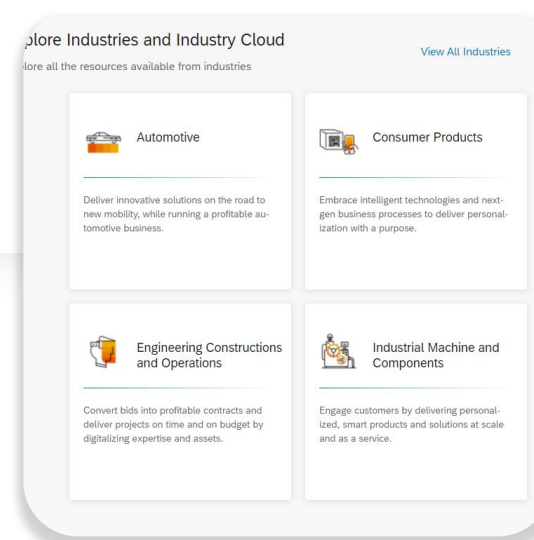
Central catalog: SAP API Business Hub @ api.sap.com



Public catalog
with improved UX design
and direct consumption



Content categories
2.500+ Prebuilt integrations
3.000+ OData and REST APIs
220+ Business events
170+ Connectors to non-SAP apps



Clustering of content
For easy navigation and
search, e.g. for **industry clouds**



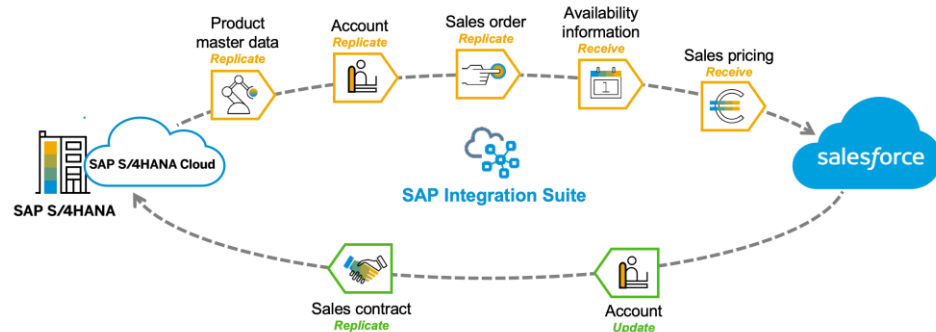
Promoting partner collaboration

Value = 5x acceleration, 10x savings

SAP S/4HANA to Non-Party Integration Packs

SAP S/4HANA Cloud Integration with Salesforce

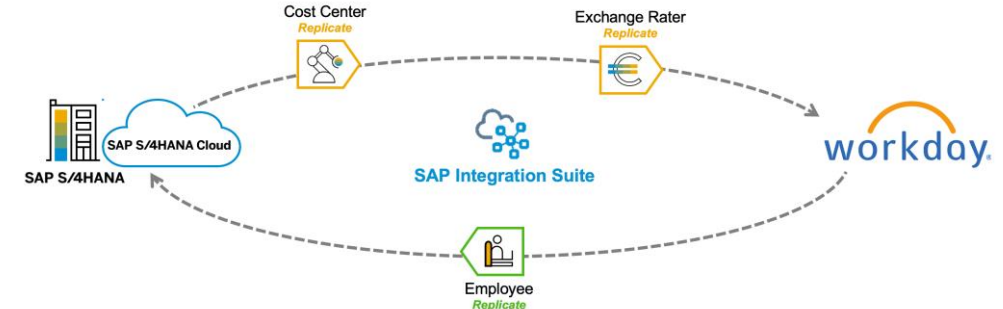
- This integration content enables you to connect SAP S/4HANA (Cloud) with Salesforce seamlessly.
- It supports automatic transfer of data between SAP S/4HANA (Cloud) and Salesforce.
- Reduce your TCO and TCI with pre-defined integration content.



[SAP S/4HANA Cloud integration with Salesforce](#)

SAP S/4HANA Cloud Integration with Workday

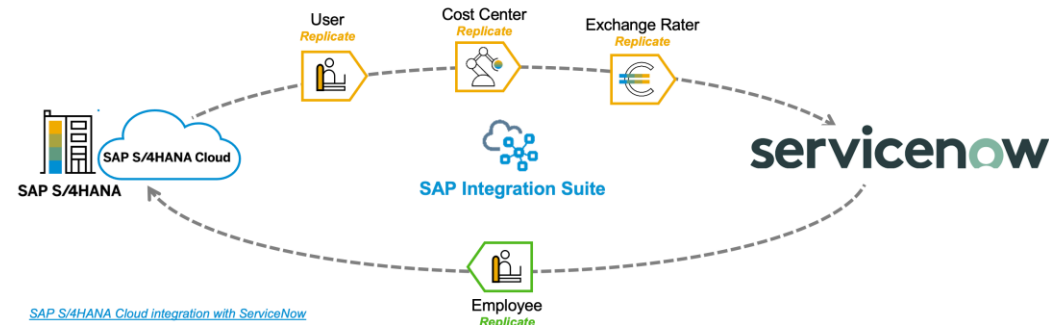
- This integration content gives the security of direct connectivity between SAP S/4HANA (Cloud) and Workday.
- It supports automatic transfer of data between SAP S/4HANA (Cloud) and Workday.
- Reduce your TCO and TCI with pre-defined integration content.



[SAP S/4HANA Cloud integration with Workday](#)

SAP S/4HANA Cloud Integration with ServiceNow

- This integration content supports end-to-end integration between SAP S/4HANA (Cloud) and ServiceNow.
- It ensures master data consistency between the integrated systems.
- Reduce manual process steps and save the cost and implementation efforts.



[SAP S/4HANA Cloud integration with ServiceNow](#)

Comprehensive set of connectivity options

SAP Integration Suite

200+ connectors to accelerate integration development

Technical adapters

- HTTP, HTTPS (incl. REST), SOAP
- FTP(S), SFTP
- Mail (SMTP, IMAP, POP3)
- OData V2 & V4
- IDoc, RFC, XI
- AMQP, JMS**, AS2**, AS4**
- Kafka
- JDBC, Data Store, LDAP

Application adapters

- Ariba, MDI, SuccessFactors
- AWS, Microsoft Dynamics
- Salesforce
- Dropbox**, Workday**, ServiceNow**
- Twitter, Facebook
- SugarCRM
- Elster*



Full list of adapters by SAP in [SAP product documentation](#)

170+ non-SAP applications

- Cloud storage
- Collaboration
- CRM
- ECommerce
- ERP
- eSignature
- HCM
- Field services
- Finance
- Help desk
- Messaging
- Payments
- Social
- ...



Full list of open connectors in [SAP product documentation](#)

Adapters built by partners

Example list

- iShare
- Kafka
- MQTT
- Office 365
- SharePoint



Full list of adapters by partners in [SAP API Business Hub](#) -> partner content

Adapter development kit

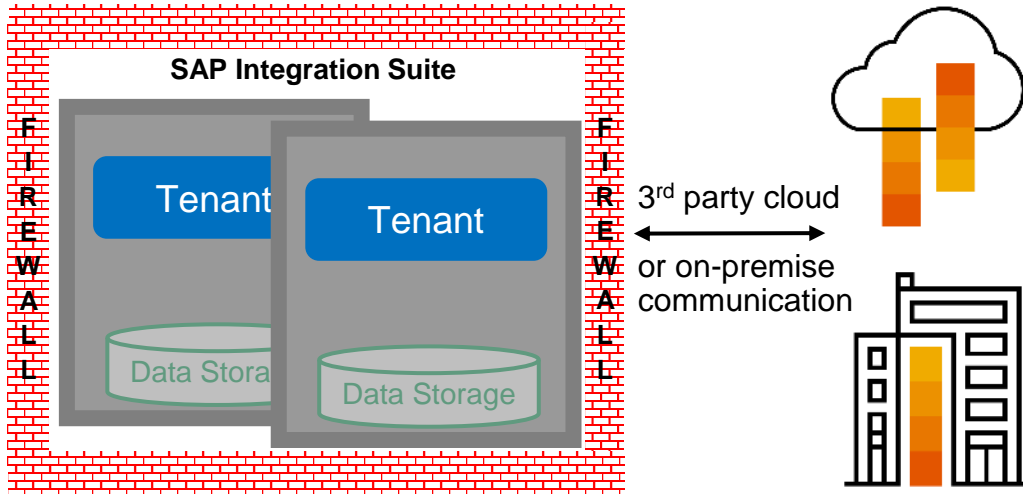
- [Framework](#) to create new adapters
- [Certification](#) available

* for German fiscal management

** with Integration Suite, standard and premium editions / SAP Cloud Integration, enterprise edition / CPEA

SAP Integration Suite

Strong focus on security



Secure Certified Data Centers

- Compliance standards: **ISO 22301, ISO 27001, SOC 1, SOC 2, C5, CSA STAR, TISAX**
- Hundreds of surveillance cameras with digital recording
- Fully monitored doors
- Tens of thousands of environmental sensors
- Security and facility support team onsite 24x7
- Biometric access to secured areas
- Multiple redundant internet connections
- Redundant data storage in two data center locations

→ [How Secure is the SAP Data Center?](#)



Secure Provisioning and Infrastructure

- Multi-tenancy
- Data isolation
- Audit logs
- Tracing
- Roles based access
- Data privacy and protection
- Data storage and backup
- Malware scanning of uploaded resources



Secure Communication

- Transport level: HTTPS, SFTP, FTPS, TLS, SMTP, POP3, IMAP
- Payload level: Encryption, decryption, signing, signature verification:
 - PGP, WS security, XML digital signature, PKCS#7
- Authentication:
 - OAuth 2.0, X.509 certificates, PGP keys, SAML, JWT, known host file, basic authentication
- Secure storage of key stores in data base
- Encrypted data persistency



SAP Integration Suite helps our customers scale integration

SAP Integration Suite

@ LARGE SCALE



29+ Billion

Messages and API calls
processed per month across all
SAP Integration Suite tenants



1.25M+

Total number of integration and
API scenarios deployed on all
tenants of SAP Integration Suite

35+ Million

Largest number of API
calls processed by a single
customer per day

15+ Million

Largest number of messages
processed by a single
customer per day

830+ Million

Messages processed via SAP
Integration Suite, Managed
Gateway per month

160K+

Connections deployed
on all SAP Integration
Suite tenants

SAP Integration Suite Customers and Partners

Business Transformation Studies (BTS)



SAP Integration Suite

Example customer & partner success in numbers



50 – 60%

Reduction of IT spend for integration



50%

Reduction in integration costs using SAP Integration Suite



20%

Faster time to market due to quicker development time frame



Endress+Hauser

>5x 20%

Increased project speed and reduced costs

Cost savings using predelivered integration packs



40% 60%

Reduction in TCO across its integration landscape

Reuse of existing ESR content of PI/PO



40 0

Interfaces migrated from SAP Process Integration to SAP Integration Suite

Post-go-live incidents or business interruptions with the SAP Integration Suite configuration



5 million 50 million

Messages processed on average daily through the Cloud Integration capability in SAP Integration Suite

API calls per month through the API Management capability in SAP Integration Suite



15.2% 33%

Increase in sales consultant productivity in one year

Fewer carbon emissions through improvements across supply-chain, logistics, and production processes

Siemens

Faster One

Response to new or changed legal requirements

Team of three rolling out country-specific legal scenarios across the company

SAP Integration Solution Advisory Methodology (ISA-M)

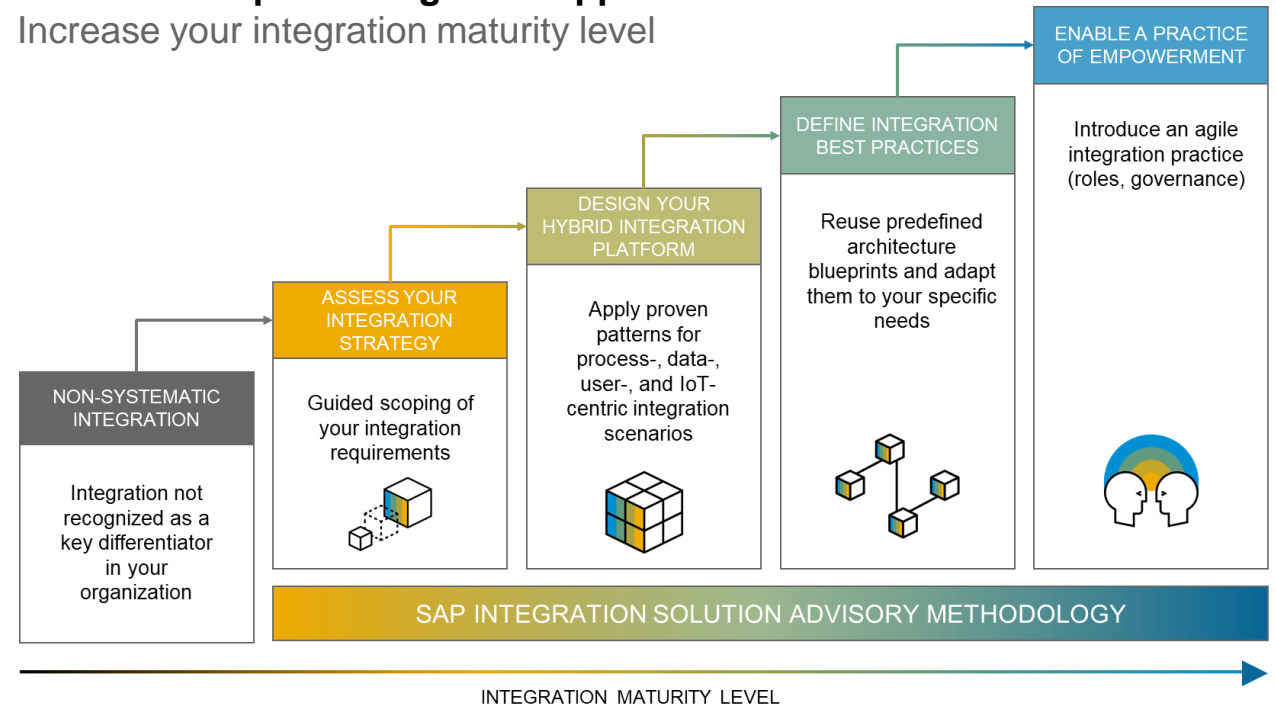
Proven approach to define your enterprise integration strategy

Highlights

- Open framework and free template with reusable integration patterns & reference architectures
- 2000+ registered customers, partners and consultants
- Adopted by key customers incl. co-innovation with SAP's Executive Advisory Board (EAB) customers
- Tool support: **Integration Assessment** application as part of SAP Integration Suite

Holistic enterprise integration approach

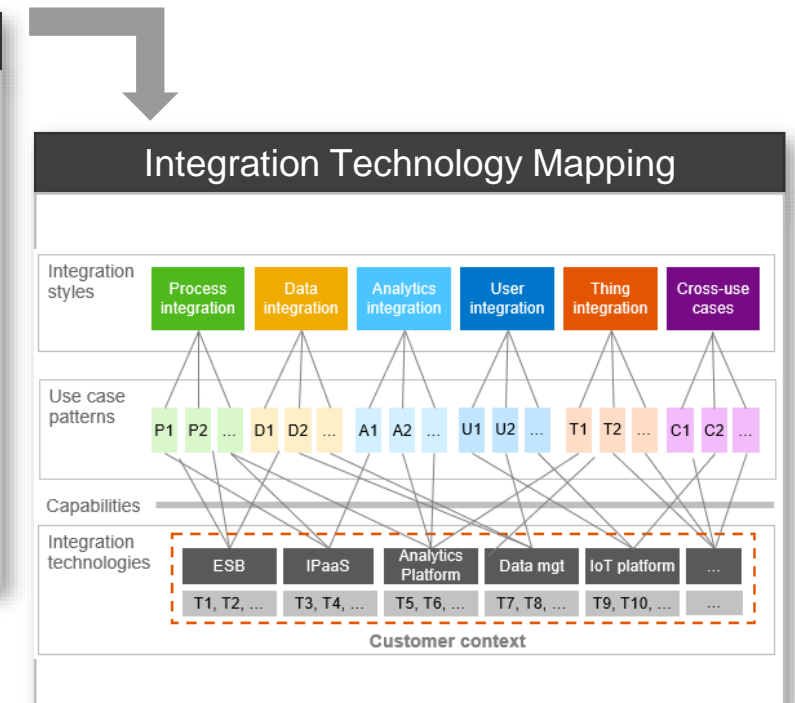
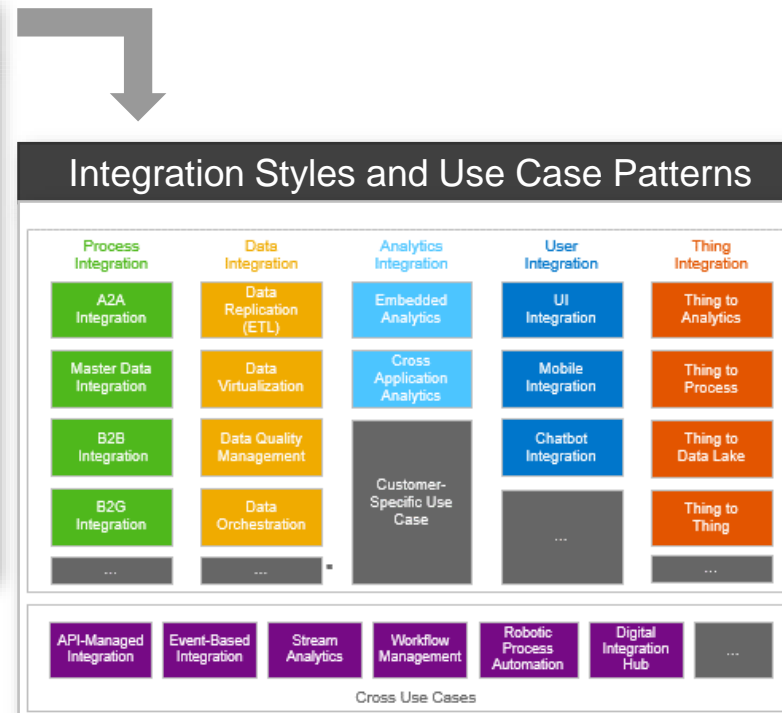
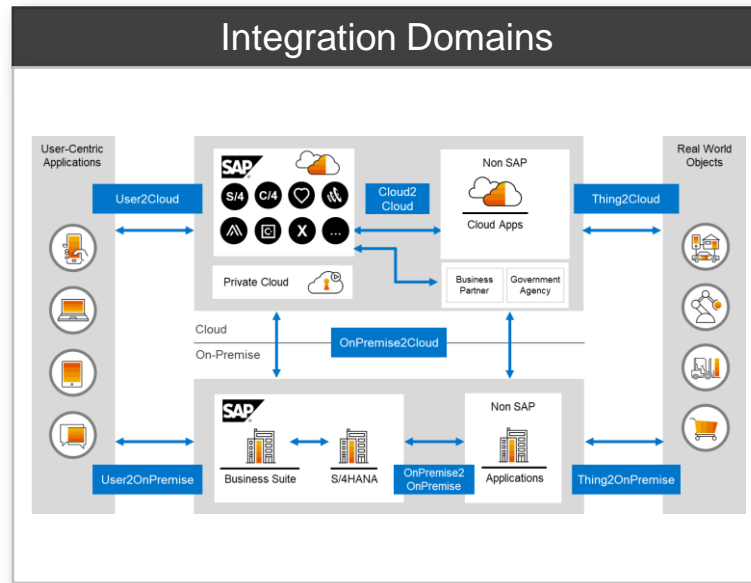
Increase your integration maturity level



sap.com | [openSAP](#) | [Integration architecture guide](#)

SAP Integration Solution Advisory Methodology

Simplify Integration by a Systematic Integration Approach

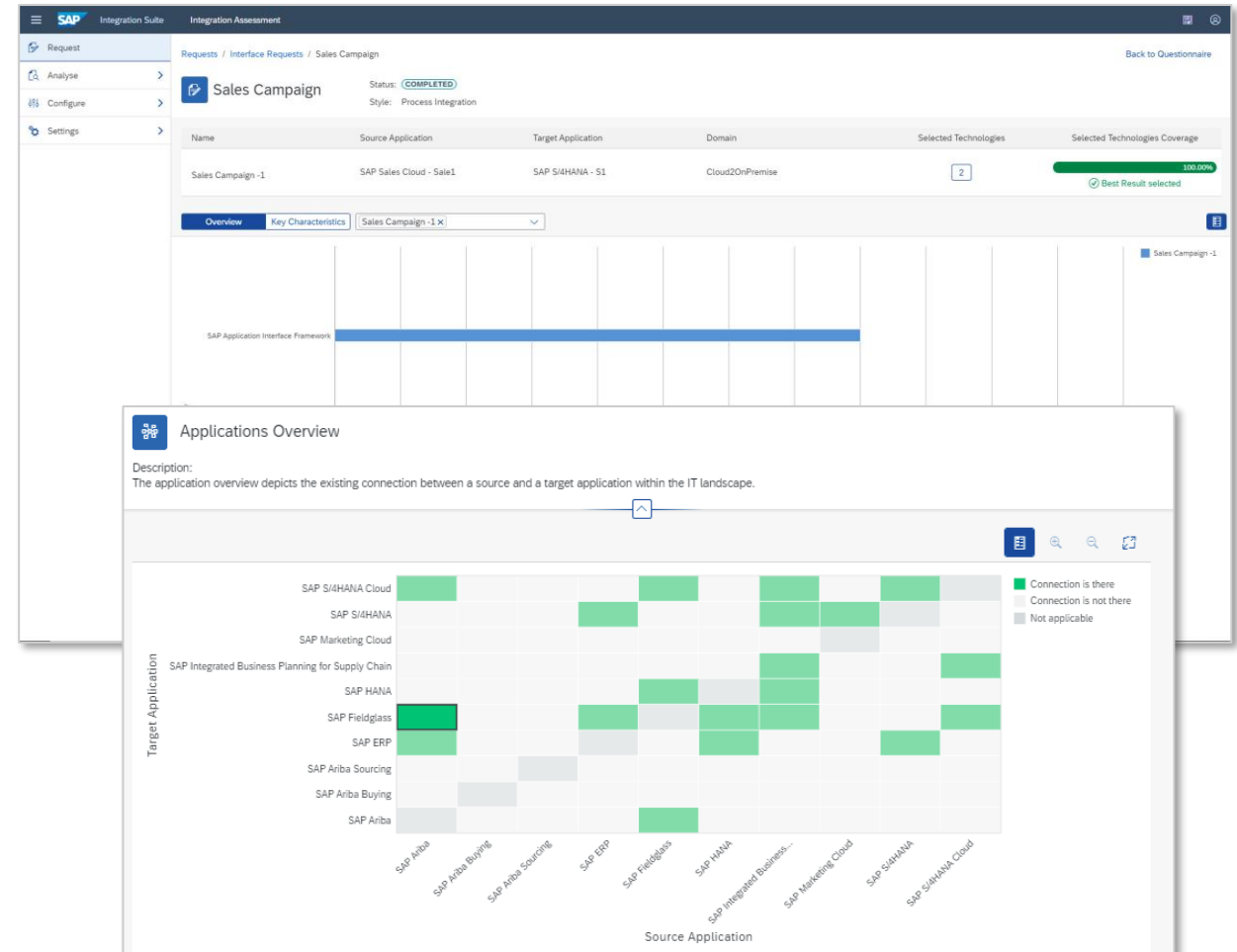


Integration domains describe typical areas in a hybrid landscape where integration is needed. Integration styles and use case patterns comprise a set of typical, technology-agnostic integration use cases. Finally, integration styles and use cases can be mapped to integration technologies/services (SAP and/or **third party**) based on a given customer context.

Integration Assessment* capability of SAP Integration Suite

Introducing integration governance in an organization

- Define, document and govern your integration technology strategy
- Determine the most suitable integration technology for a specific integration scenario in your organization
- Based on the SAP Integration Solution Advisory Methodology
- SAP defined recommendations starting with the process and data integration style



SAP Integration Suite

Recent Innovations

SAP Integration Suite – Recent Innovations

1

Increased development productivity

- [Message mappings as reusable artifacts](#) across Integration Packages
- [Groovy scripts as reusable artifacts](#) across Integration Packages
- [Consuming Cloud Integration Adapters from SAP API Business Hub](#)
- [Import of value mappings from SAP Process Orchestration](#)

2

APIs, Integration Content

- New user experience for [SAP API Business Hub](#)
- [Industry cloud integration content](#)
- [Community content on SAP API Business Hub](#)

3

Cloud based B2B

- [Trading partner management](#)
- [B2B monitoring](#)
- [Import and export of MIGs and MAGs](#)

4

API Development and Management

- [API business hub enterprise](#) as central API catalogue for APIs from SAP and non-SAP gateways
- Advanced reporting of business KPIs via SAP Analytics Cloud
- Support for async APIs in SAP API Business Hub

5

Enhanced operational support

- [Applying DevOps in CI/CD pipelines](#)
- [Monitor audit logs, system trace files in Cloud Foundry](#)
- [PGP Key Management](#)
- [Expired certificates monitoring in SAP Cloud ALM](#)

6

Additional capabilities

- Increased connectivity: [Data Store](#), [Dropbox](#), [MDI](#)
- [Exactly-once scenarios](#)
- [Batch support in JDBC Adapter](#)
- [AS2 Adapter: Message status Failed on negative MDN](#)
- [Developing Custom Adapters with IDE of Your Choice](#)

7

Accelerators and Migration Guides

- [Seamless upgrade of tenants to higher service plan](#)
- Migration accelerators to multi-cloud for [API Management](#) and [Cloud Integration](#)
- [Migration guide](#) from SAP Process Orchestration to SAP Integration Suite
- [Previous adapters for Salesforce, AWS, MS Dynamics, SugarCRM not supported on SAP Integration Suite](#)

8

Integration Governance

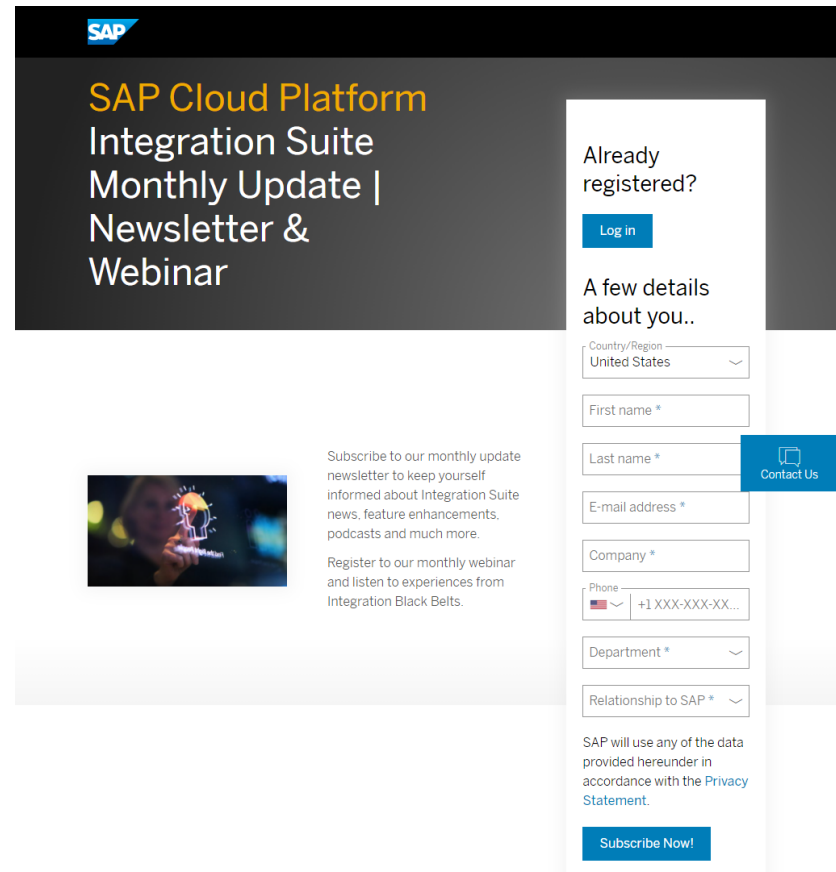
- [Integration Assessment](#) to define, document and govern an integration technology strategy



SAP Integration Suite - monthly update

Newsletter

- Every **first Monday**
- Links to blogs, upcoming events, important news, updates, recordings



The screenshot shows a registration form for the SAP Cloud Platform Integration Suite Monthly Update Newsletter and Webinar. The form is titled "SAP Cloud Platform Integration Suite Monthly Update | Newsletter & Webinar". It includes a "Log in" button for already registered users and a "Contact Us" button. The registration fields include: Country/Region (dropdown menu), First name (text field), Last name (text field), E-mail address (text field), Company (text field), Phone (text field with a country code dropdown), Department (dropdown menu), and Relationship to SAP (dropdown menu). A "Subscribe Now!" button is at the bottom. A small image of a person holding a lightbulb is shown next to the text: "Subscribe to our monthly update newsletter to keep yourself informed about Integration Suite news, feature enhancements, podcasts and much more. Register to our monthly webinar and listen to experiences from Integration Black Belts." Below the form, there is a disclaimer: "SAP will use any of the data provided hereunder in accordance with the Privacy Statement."



Subscribe

Webcast

- Every **last Tuesday**
- **Product updates**
- Alternatingly:
 - **#IntegrationBlackBelt:** Interact with Integration Black Belts
 - **#AskAnythingIntegration:** panel of experts answering any questions you have on integration. Send us your questions upfront

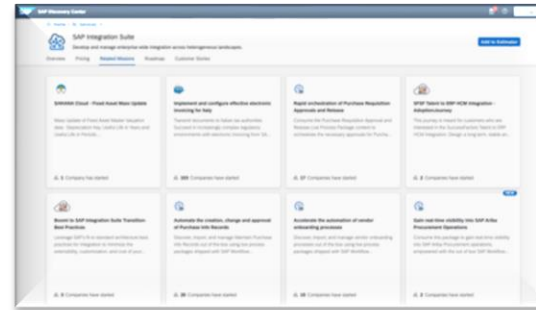


Send us your questions for upfront

Ecosystem Engagement and Enablement

Self service onboarding platform for engagement:

- ~**20.000+** SAP BTP Trial
- Developer Tutorials and Coaching: **30+** tutorials; **11K+** unique visitors
- Discovery center – **31** missions w/ **1.100+** started by customer;
- **>15K** active community engagement (blogs, Q&A/forums, tutorials,...)

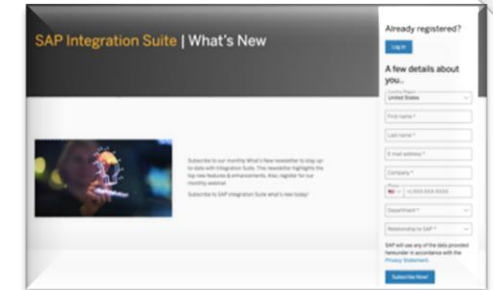


Note: engagement data of the past year

Virtual Events:

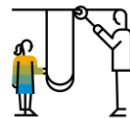
- [LIVE monthly webinar](#)
- [Monthly News Letter](#)
- Open Office Hours
- Virtual Workshops

SAP Events: SAP User Groups (ASUG, DSAG,...), TechEd, Sapphire, ...



193.000+
learners

Integration **Blackbelts**
Partner (GSSP)
Bootcamps(virtual events,
technical hands-on)
Multiple **Open SAP** courses



Integration Suite
Community content
is now on SAP API
Business Hub



Hack2Build in 2021
for SAP PO migration
and testing tools by
partners.



**2022 Global
Hack2Build** to
accelerate
development of
community content.



Over 21K partners
globally **27 data
centers in 15
countries**

SAP Integration Suite

Benefits of Leveraging Multi-Cloud Environments (1/2) – Available Today

- **Simplified licensing**
 - Simplified consumption based on common metric (messages) with unlimited asynchronous JMS message queues
 - Unlimited B2B Libraries
 - **Free** SAP to SAP integration messages (for predefined content)
- **Operations**
 - **Availability on hyperscale environments, such as AWS, Azure, Google Cloud Platform, Alibaba Cloud etc.**
 - [No downtime for weekly \(patches\) and monthly \(features\) maintenance activities](#) (instead of 2h)
 - **Quarterly maintenance** windows (major upgrades) reduced to 4 hours (instead of 12 hours)
 - [99.95% SLA](#)
 - Improved **high availability** via default support for Multi-Availability Zones: Amazon Web Services, Frankfurt (EU20 / FRA4 on Neo)
- **Features and functions**
 - **Central Launchpad** with one click provisioning, role management, launch and monitoring experience
 - Message mappings and Groovy scripts as reusable artifacts across Integration Packages
 - Consuming Cloud Integration Adapters from SAP API Business Hub
 - **Trading Partner Management** to centrally manage customers, vendors and logistics providers for B2B/EDI exchange
 - **B2B Monitoring**
 - **Integration assessment service** based on SAP Integration Solution Advisory Methodology
 - Dropbox, MDI, Service Now, Workday adapters (for standard and premium editions)
 - Unlimited storage of message processing logs
 - Import of value mappings from SAP Process Orchestration

SAP Integration Suite

Benefits of Leveraging Multi-Cloud Environments – Road Map

■ Operations

- Improved **high availability** via default support for Multi-Availability Zones: Microsoft Azure, Google Cloud Platform, Alibaba Cloud

■ Features and functions

— Next generation runtime

- On-premises agent for hybrid integration scenarios for API Management, Cloud Integration, Event Broker
- Tool to support migration from SAP Process Orchestration to SAP Integration Suite
- Long-term replacement of integration scenarios supported with SAP Process Orchestration

— Additional adapters:

- Microsoft Azure, Microsoft 365, RabbitMQ, Slack, Splunk, ...

— Coherent user experience with convergence of development environment

- Data and message type editor
- User defined functions with function libraries, imported archives
- Archiving of B2B messages created in trading partner management scenarios
- Tenant health monitoring
- MPL push to external persistence, such as Splunk
- Message history download

B2B: Integration Advisor and Trading Partner Management at a glance

Integration Advisor (IA)

- Definition and documentation of interfaces and mappings
- Central documentation of B2B and SAP libraries
- Intelligent and crowd-sourced proposal service

Trading Partner Management (TPM)

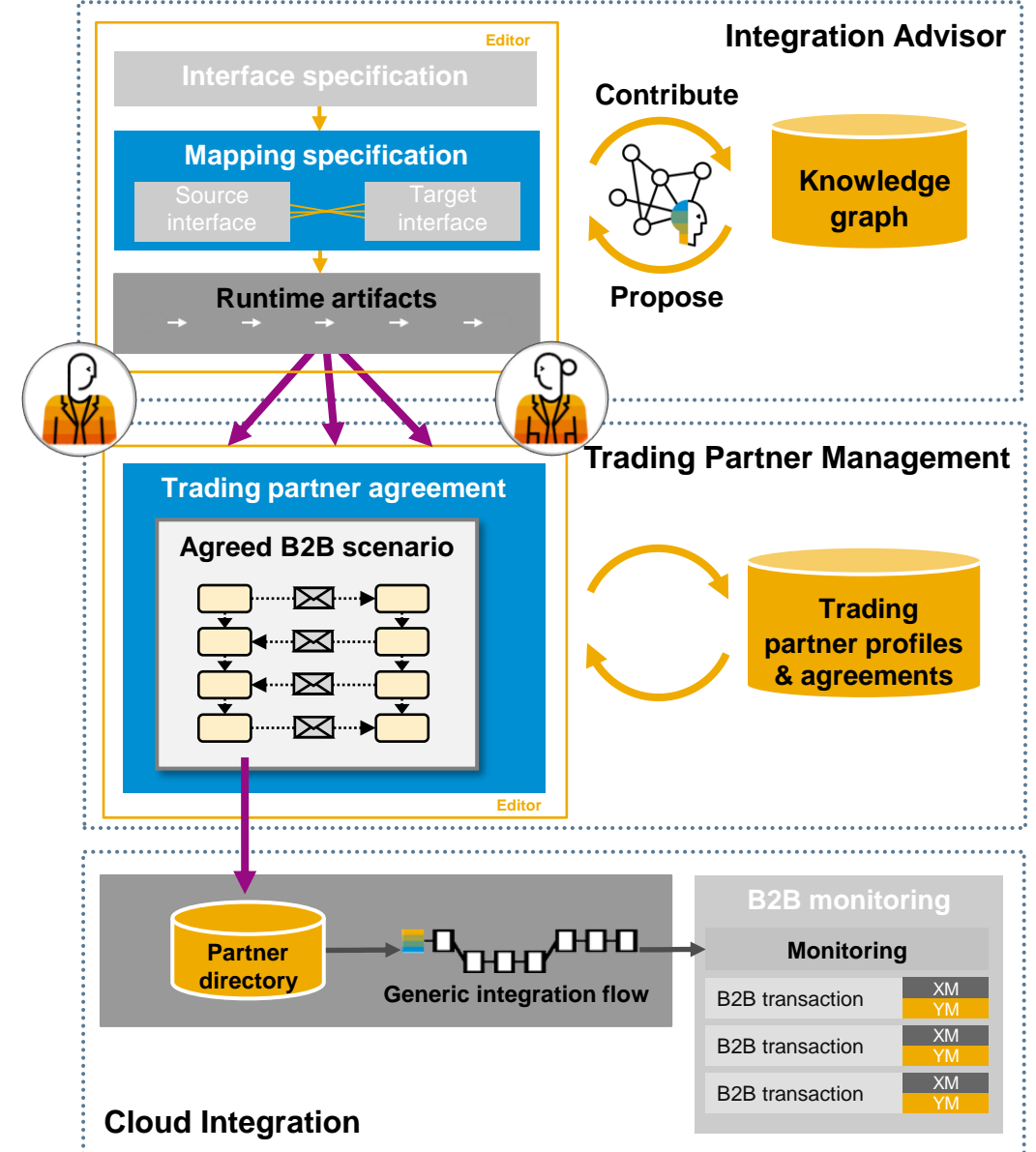
- Creation and maintenance of B2B scenarios
- Consideration of individual aspects and requirements per trading partner
- Push B2B scenario configuration to partner directory

Cloud Integration

- Stores configuration in partner directory
- Processes B2B transactions with one integration flow

B2B monitoring

- Monitors the B2B transactions at runtime in corporation with trading partner agreement data



Migrating integration scenarios from SAP Process Orchestration to **SAP Integration Suite**

Reuse of mappings

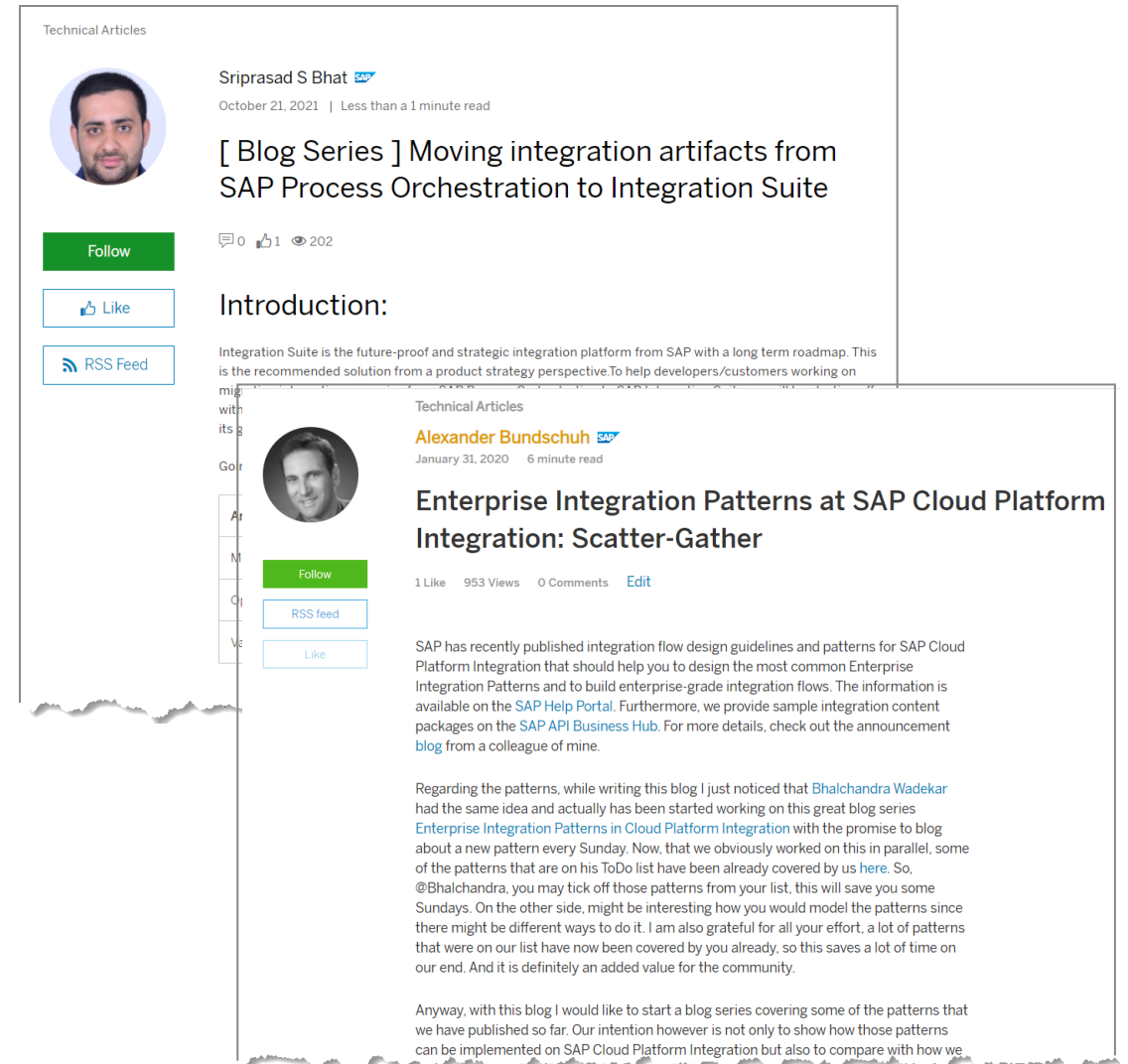
- E.g. moving message mapping, value mapping
- Blog series on technical how-to-guides & videos (episodes 20-25)

Best practices & enterprise integration patterns

- E.g. aggregator, scatter-gather, splitter
- Blog series comparing patterns on **SAP Process Orchestration** vs. **SAP Integration Suite**



[Migration Guide](#) | [Calculator: Potential savings](#)



SAP Process Orchestration move to SAP Integration Suite

3-step approach

1 ASSESS

- [Integration value calculator](#)
- [Assess organization integration maturity](#)
- [SAP Integration Solution Advisory Methodology \(ISA-M\)](#)
- PI roadmap and future-proof integrations [strategy paper](#)
- Blog: [Pilot assessment tool for SAP PO customers](#) by SAP Services IDG

2 PLAN AND TRANSFORM

- [Enterprise integration patterns](#)
- [Accelerate with prebuilt integrations](#)
- [Integration Architecture Guide for Cloud and Hybrid Landscapes](#)

3 MOVE (migrate and validate)

- Migration tool from partner [FIGAF](#)
- Migration tool from partner [INT4](#)
- [Integration flow design guidelines](#)
- [Migration methodology](#)
- Blog: [Import & reuse message mapping from ESR](#)
- Blog: [Moving integration artifacts from SAP PO to Integration Suite](#)
- Blog: [Cloud Integration runtime in SAP PO](#)

Migration assistance program by SAP



SAP migration factory

- SAP run program
- Free assessment and planning
- Global program
- migrationfactory@sap.com



SAP support & services

- SAP services
 - Planning
 - Infrastructure/architecture
 - Implementation
- Automated PI migration assessment app*
- Global program



Partners

- Automated migration tool
- Automated testing
- [SAP Store](#)

SAP Integration Suite

Road Map

SAP Integration Suite: Customer collaborations to help drive product decisions



Customer Influence Program

End-to-end request to road map process.

90% of eligible requests considered on roadmap

850 unique active participants who submitted or voted on requests

▼
SAP review of feature requests and planning process

▼
Consider the requested feature + include to product road map



Customer Engagement Initiative

Program gives customers and select partners the unique opportunity to get a sneak peak into the product visions, ideas, and prototypes of SAP and to share early feedback.

100+ active participants



Voice of Customer

A forum for implementors from customer and partner organizations to share their perspectives, feedback, requests, and directly interact with the SAP integration suite product engineering team.

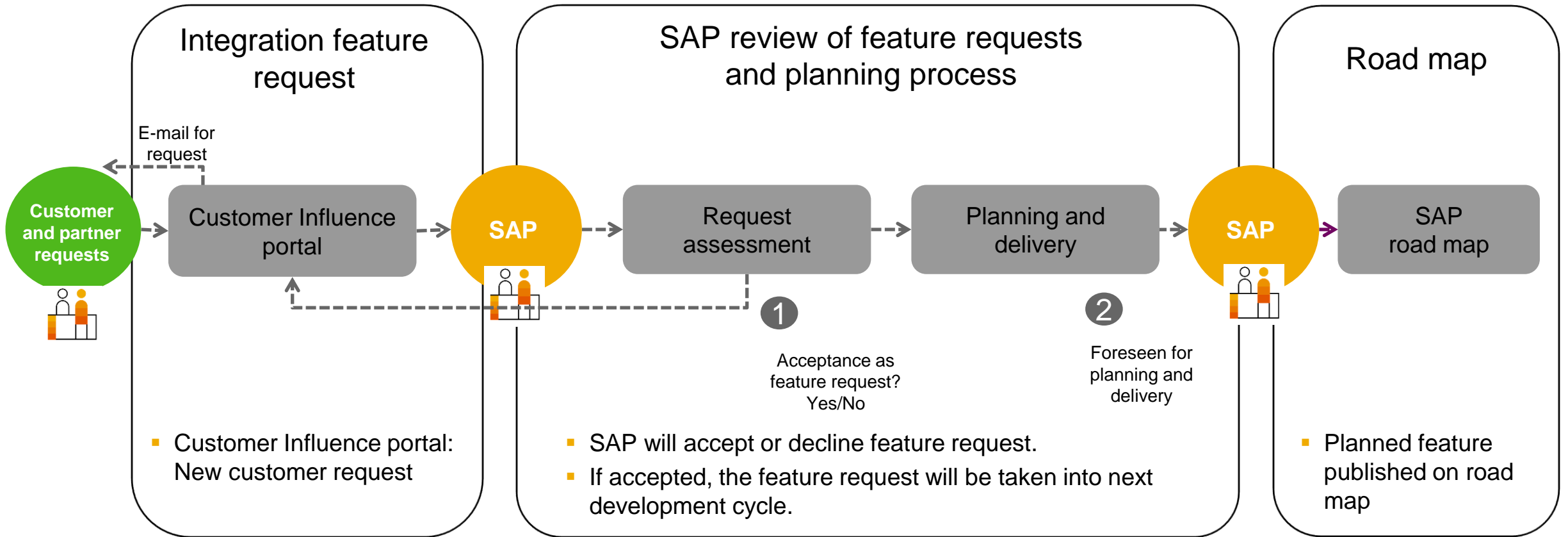


Additional Programs

3C- Connect, Collaborate, Cultivate

Collaboration between CEX (customer relationship team) and Integration suite Product Management team for improving customer, activation, adoption

SAP's Customer Influence program for SAP Integration Suite



SAP Influence Session: SAP Integration Suite

Feature request Status – Overview June 2022

Feature Request Status	1 st cycle Sept. 2020	2 nd cycle Jan. 2021	3 rd cycle June 2021	4 th cycle Dec. 2021	5 th cycle May 2022
Total number of submitted feature requests	169	204	316	379	464
Number of feature requests considered in review cycle (mostly feature requests with 10 or more votes)	59	73	111	113	136
Delivered	N/A	4	20	23	31
Accepted for the next 3 – 6 months	13	14	11	9	16
Planned (Long-term) for the next 12 months	19	21	21	19	11
For long-term consideration (next evaluation after 12 months)	10	13	34	34	35
Under review	1	3	0	0	9
Already offered	10	10	14	16	22
Not planned	6	8	11	12	12

SAP's Customer Influence program for SAP Integration Suite

- The feature requests for SAP Integration Suite are distributed as follows:
 - 88% Cloud Integration
 - 55% Developer Productivity
 - 31% Monitoring and Operations
 - 14% Connectivity and Adapters
 - 3% cross SAP Integration Suite (i. e. across multiple capabilities of SAP Integration Suite)
 - 7% B2B incl. Integration Advisor
 - 1% API Management
 - 1% ABAP (e. g. SOA Manager transaction)

SAP Influence Session: SAP Integration Suite – Feature Request Status

Feature Request Title	Capability	Area	Status	Date	Votes
CPI Message Monitor: Overview page	Cloud Integration	Monitoring & Operations	Planned (Long-term)	H2 2022	46
Ressource Monitor and Kill Processes Feature in CPI	Cloud Integration	Monitoring & Operations	Planned (Long-term)	H2 2022	37
CPI Message Monitor: Grouping of Integration Flows	Cloud Integration	Monitoring & Operations	Planned (Long-term)	H2 2022	30
Tenant Monitoring	Cloud Integration	Monitoring & Operations	Accepted	H2 2022	25
Security Credentials – where used	Cloud Integration	Developer Productivity	Accepted	H2 2022	23
Where Used list for Security artifacts in CPI	Cloud Integration	Developer Productivity	Accepted	H2 2022	21
Where-used functionality for security material entries in CPI	Cloud Integration	Developer Productivity	Accepted	H2 2022	18
Better management of exactly once fonctionnality for asynchronous flow in SCPI	Cloud Integration	Developer Productivity	Accepted	H2 2021	51
Git support for SAP Cloud Platform Integration	Cloud Integration, APIM, B2B	Developer Productivity	For long-term consideration	H2 2023	56
Move properties and headers up/down in content modifier in CPI	Cloud Integration	Developer Productivity	For long-term consideration	H2 2023	32

SAP Influence Session: SAP Integration Suite – Feature Request Status

Feature Request Title	Capability	Area	Status	Date	Votes
Where-used-list for Artifacts in Flow	Cloud Integration	Developer Productivity	Planned (Long-term)	H2 2022	35
Provide raw HTTP request/response traces for HTTP-based adapters	Cloud Integration	Connectivity, Adapters	Delivered	H2 2021	28
Enhance Visibility of current CPI Tenant (Dev / Q / Prod and Customer Name)	Cloud Integration	Developer Productivity	Accepted	H2 2022	18
Labeling and theming for CPI Instances	Cloud Integration	Developer Productivity	For long-term consideration	H2 2023	16
Ability to debug the groovy scripts in IFlow simulation	Cloud Integration	Developer Productivity	For long-term consideration	H2 2023	30
Deploy integration flow with multiple configurations	Cloud Integration	Developer Productivity	For long-term consideration	H2 2023	24
Make timings for Trace Log Level configurable (via UI and OData API)	Cloud Integration	Monitoring & Operations	For long-term consideration	H2 2023	26
Automatic Retry	Cloud Integration	Developer Productivity	For long-term consideration	H2 2023	26
Make B2B Toolkit UDFs available in Integration Suite	Cloud Integration	Developer Productivity	Accepted	H2 2022	20
Undelete restore iflows or packages	Cloud Integration	Developer Productivity	For long-term consideration	H2 2023	23

Road ahead: 5 big moves we focus in 2022

1

Next generation hybrid integration runtime

- Optional on-premise runtime for SAP Integration Suite cloud tenant
- On-premise API Gateway, execution of API policies & mediations on-premise
- Event bridge from SAP “legacy” to SAP Event Mesh and / or non-SAP event brokers

2

Migration Support from SAP Process Orchestration to SAP Integration Suite

- Ease the move from SAP Process Orchestration to SAP Integration Suite
- Assessment, migration, and regression test tooling for customers planning move from SAP Process Orchestration to SAP Integration Suite

3

API-Led Integration

- New experience for API Business Hub Enterprise (customer’s developer portal)
- Smart API discovery & composition across SAP applications for end-to-end business processes
- API Business Hub Enterprise for customer curated and GraphQL support
- Enhanced API analytics: Deep learning for API usage anomaly detection

4

Additional Integration Content and Adapters

- Strong collaboration and ecosystem engagement for partner/community adapters and content
- Enrich B2B libraries in Integration Advisor for business partner & network integrations
- Improved adapter consumption experience

5

Increased Developer Productivity and Monitoring

- Coherent tool experience, bringing different capabilities of SAP Integration Suite closer together and offer unified developer experience to manage cloud and hybrid scenarios
- Extended health (insight to action) and B2B monitoring

SAP Integration Suite Roadmap

Q2 2021 CURRENT 14 Innovations

Future Release

API Development and Management

CI/CD updates for Git support in API Management

API Management

Design time migration for API Management starter plan

API Management

Multiple target server and load balancing support through the API...

API Management

Transport management for moving API proxies across tenants

API Management

B2B Integration

Compound qualifier for the message implementation guideline (MIG) editor

Cloud Integration

Conditional mapping supported in the MAG editor of the Integration Advisor

Cloud Integration

Data archiving

Cloud Integration

Mapping guideline (MAG) editor support for mapping a group node t...

Cloud Integration

Connectivity and Adapters

Poll-enrich flow step for SFTP and FTP adapters

Cloud Integration

XI adapter with batches

Cloud Integration

"Exactly-once" (EO) support

Cloud Integration

Process Integration

Data archiving

Cloud Integration

Fine-granular access policies for the design time

Cloud Integration

Message mappings and scripts as reusable artifacts across integration...

Cloud Integration

Transport of single integration artifacts

Cloud Integration

Q3 2021 15 Innovations

Future Release

API Development and Management

API proxy-revisioning support through the API portal

API Management

CI/CD updates for CRUD operations in API Management

API Management

High availability of design time across multiple availability zones

API Management

Reporting API analytics via SAP Analytics Cloud

API Management

Transport management for moving API artifacts across tenants

API Management

B2B Integration

Business-to-business (B2B) monitoring in integration scenarios...

SAP Integration Suite

Reordering of structures in the message implementation guidelines...

Cloud Integration

Support for duplications of nodes on target side in the MAG editor

Cloud Integration

Trading-partner management (beta)

SAP Integration Suite

Connectivity and Adapters

"Exactly-once" (EO) support for IDoc and SAP RM adapters

Cloud Integration

Process Integration

Ability to show deployment status in design view

Cloud Integration

Copy and paste of integration flow steps

Cloud Integration

Copy and paste of integration steps across integration flows

Cloud Integration

Improved search in the Cloud Integration workspace

Cloud Integration

System health monitoring for consumption by SAP Cloud ALM for...

Cloud Integration

Q4 2021 19 Innovations

Future Release

API Development and Management

B2B Integration

Envelope guidelines – provide envelope template structures

Cloud Integration

Export and import of message implementation and mapping...

Cloud Integration

Trading-partner management

SAP Integration Suite

Connectivity and Adapters

Integration of Open Connectors with SAP Cloud ALM for operations...

Open Connectors

New connectors for additional party cloud applications

Open Connectors

Open Connectors integrated with SAP Focused Run

Open Connectors

Open Connectors integrated v Transport Management

Open Connectors

Role-based access to Open Connectors design time

Open Connectors

Support for OAuth 2.0 client credential flow to the connect...

Open Connectors

Tenant migration tool for moving Open Connectors design time...

Open Connectors

Process Integration

Access policies for security materials

Cloud Integration

Availability on Google Cloud F

API Management Cloud Integration

Data and message type editor

Cloud Integration

High-availability support across multiple availability zones

Cloud Integration

PGP key management

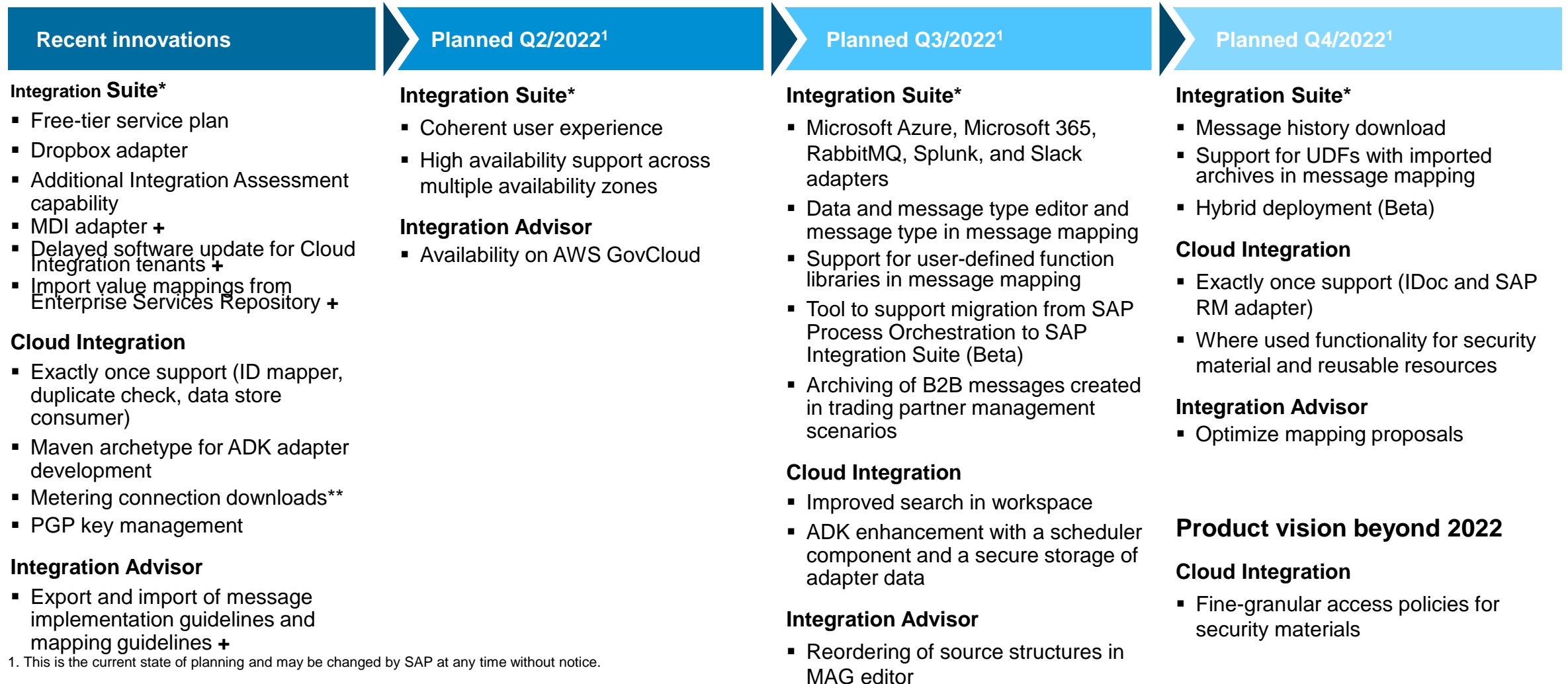
Cloud Integration

Scenario specific scaling of CI Integration runtime (beta)

Cloud Integration

SAP Integration Suite

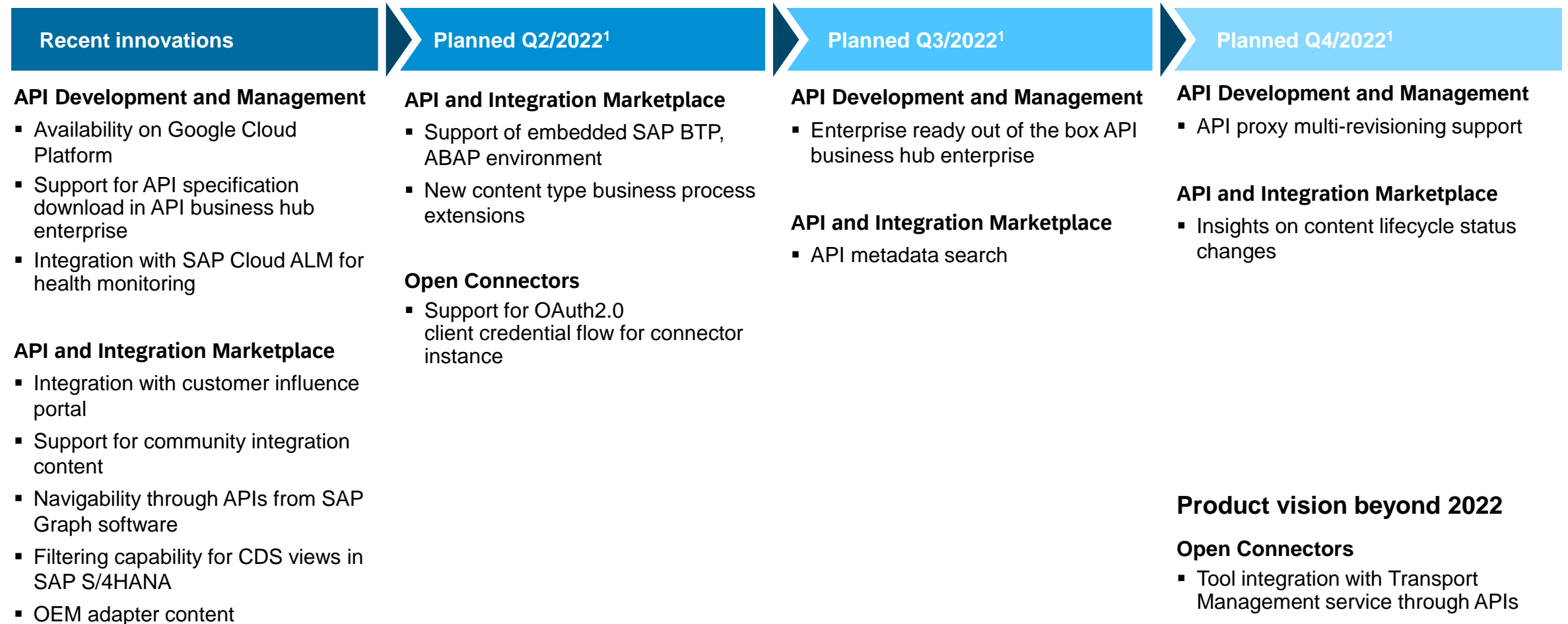
Product road map overview – Key innovations I



1. This is the current state of planning and may be changed by SAP at any time without notice.

SAP Integration Suite

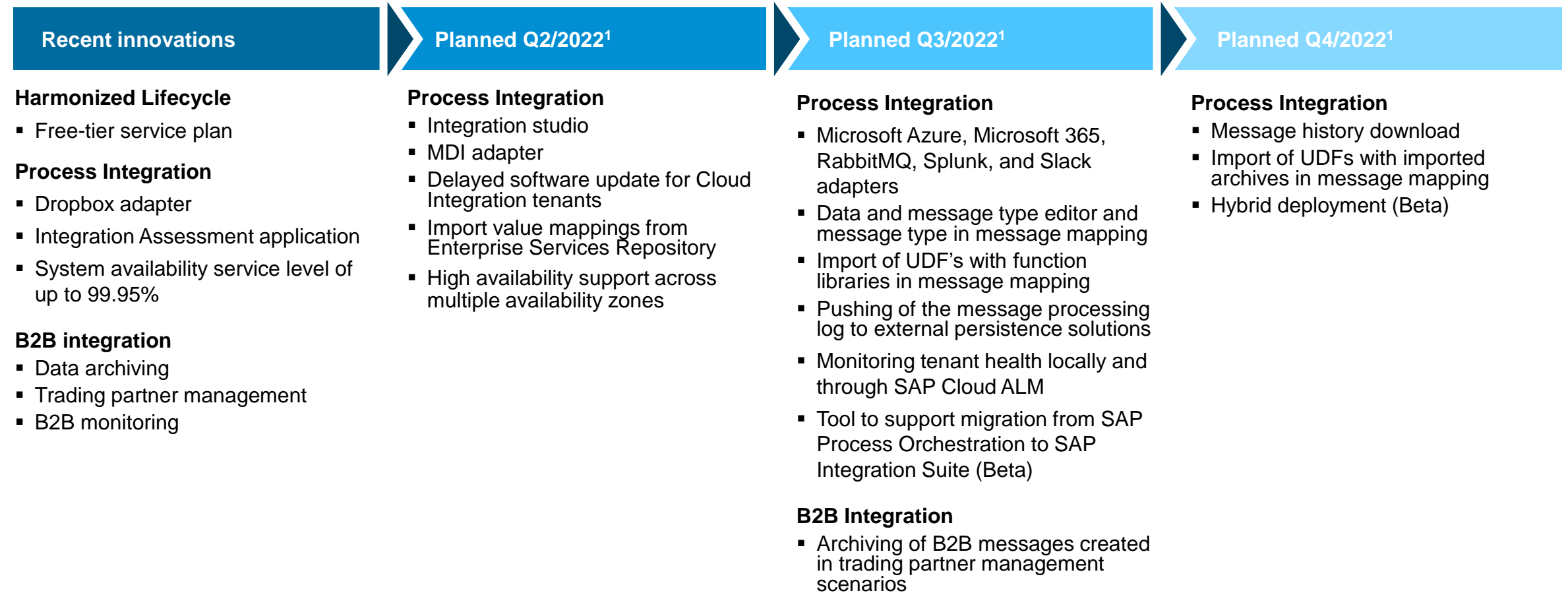
Product road map overview – Key innovations II



1. This is the current state of planning and may be changed by SAP at any time without notice.

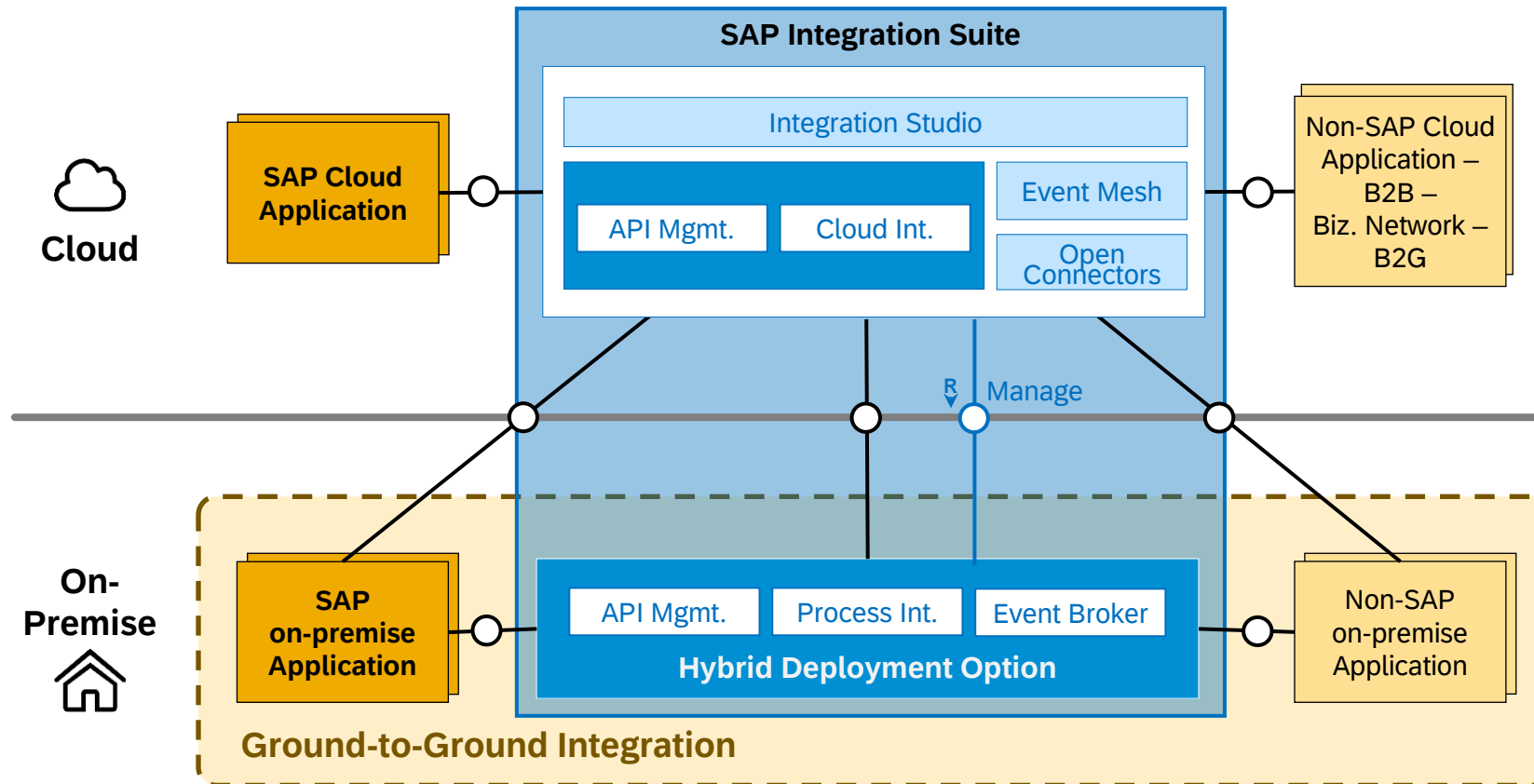
SAP Integration Suite ONLY*

Product road map overview



1. This is the current state of planning and may be changed by SAP at any time without notice.

Hybrid deployment option optionally extends SAP Integration Suite in customer environments



Integration Studio for design, monitoring & engagement **in the Cloud**

Hybrid Deployment Option: Next-generation integration runtime

- Low footprint, high performance, pervasive
- Supports modern event and API-based, high throughput integrations
- Running on K8s

Flexible runtime deployment in customer environments via **hybrid deployment option**

Improved high availability of SAP Integration Suite

Single AZ / DC



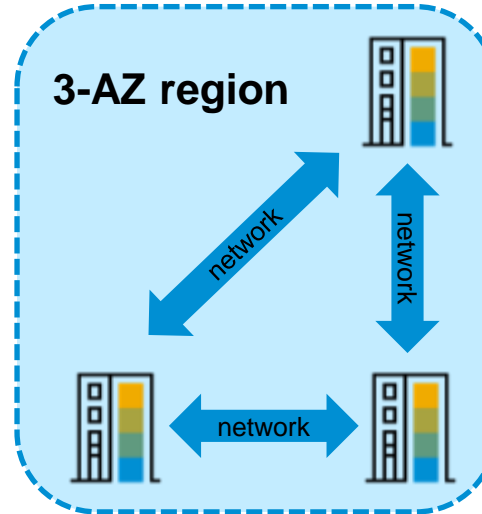
Available today for API Management and Cloud Integration

Neo

As of today

- Integration services deployed in HA mode
- 1 DC means vulnerable to DC outages

Multiple AZ / DC



Available today for API Management runtime, planned for design time and for Cloud Integration H2/2022

Neo** Microsoft Azure* AWS Alibaba Cloud GCP

Improved high availability

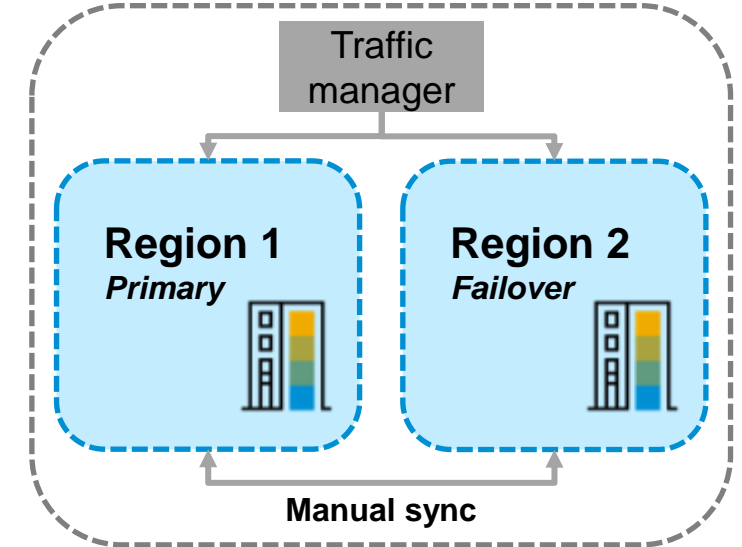
- DCs with isolated building served by a set of network devices, power supply etc.
- Multi-AZ protects services from single DC outages
- 1 region still falls under maintenance window

AZ Availability zone, HA High availability, DC Data Center

* Available with SAP Integration Suite, standard and premium editions

** only Neo DC Frankfurt (EU20, FRA4) on request

Custom: Multi-Region



Available today for API Management and Cloud Integration

Neo Microsoft Azure AWS Alibaba Cloud GCP

Custom multi-region deployment

- Multi-region to fail-over services during maintenance window
- Requires manual sync by customer
- Requires customer to own HA setup

SAP Integration Suite

Key Take-Aways, Questions and Answers

SAP is a leader in integration!

Leading Vision

- **Versatile and enterprise-grade integration platform** covering all integration styles and patterns
- **2500+ out-of-box integrations** to accelerate integration projects
- **Fully vendor managed multi-cloud service**

Execution for customer success

- **20+ years of experience** in providing ubiquitous, enterprise-grade integration platform
- **Customers** leverage SAP Integration Suite in creating connected experiences (A2A, B2B, B2G, API, events, ...) driving their digital transformation across industries globally
- **SAP Integration Suite** is the foundation layer for all SAP LoB applications to build an intelligent enterprise
- Recognized as **Leader** in Gartner's Magic Quadrant 2021 for Enterprise Integration Platform as a Service
- **Fastest growing market share** in customer acquisition as well as overall revenue

*Planned for Q4 2021, subject to change



Questions & Answers



SAP Integration Suite

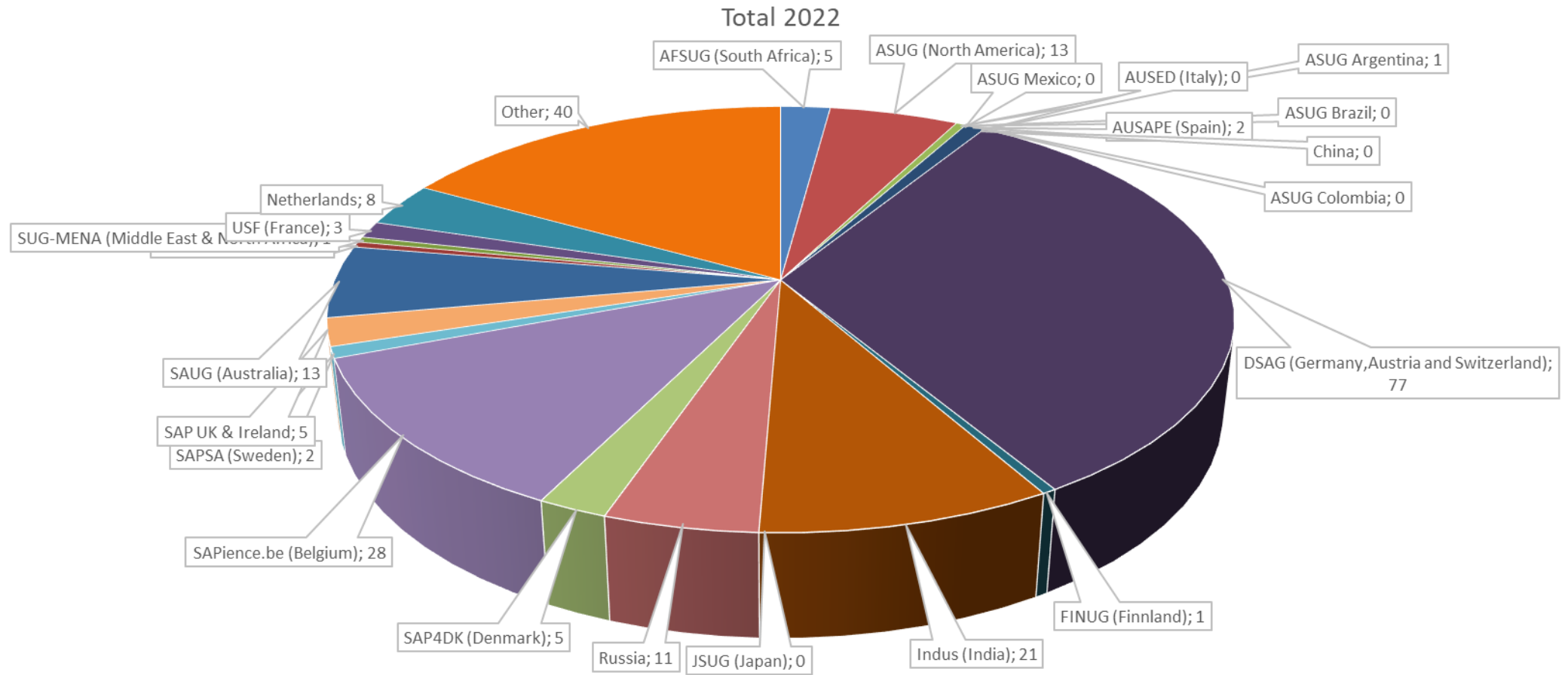
Results from Global Integration Survey 2022 by IFG

International Focus Group (IFG) for Integration

- The International Focus Group for Integration (IFG for Integration) is a collaboration platform of representatives of 13 user groups and communities across the world.
- The focus areas of this group include exchanging experiences and knowledge, working on best practices, and influencing SAP
- 2022 the 13th annual survey contained 22 questions and was open between February and April 2022

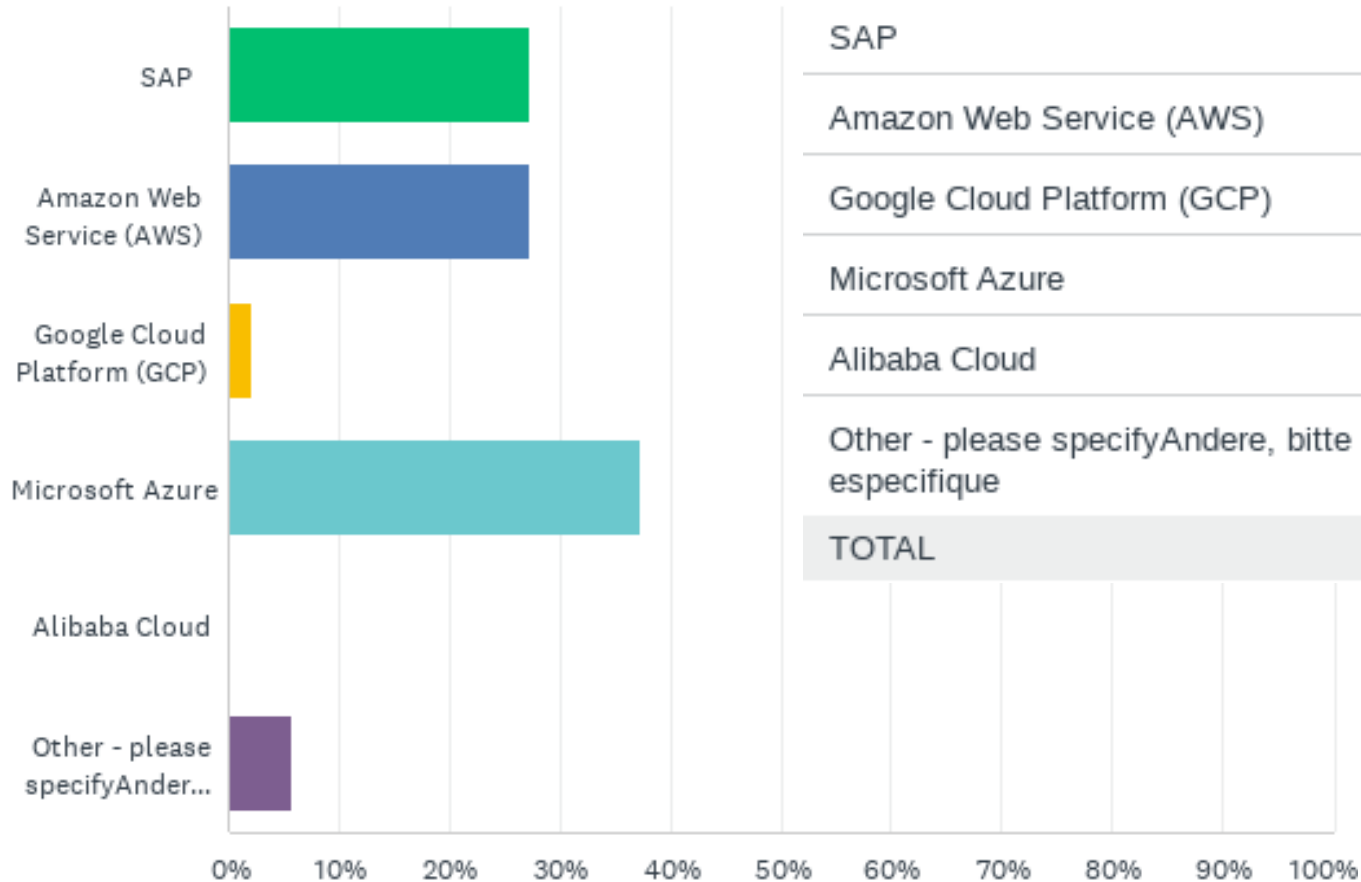
Results from Global Integration Survey 2022 by IFG

Global Community: 237 Submissions in total



Results from Global Integration Survey 2022 by IFG

Q4: In case you prefer an SAP-managed Multi-Cloud deployment option, please specify which cloud provider you prefer?



Hyperscalers have caught up and even overtaken

Results from Global Integration Survey 2022 by IFG

Q8: Which standard integration packages do you miss for SAP Integration Suite?

- Integration with SAP applications
 - SAP Ariba
 - SAP Analytics Cloud
 - SAP Business By Design
 - SAP Business Intelligence
 - SAP Business One
 - SAP Concur with SAP SuccessFactors (replication of employee data)
 - SAP CRM, SAP Customer Experience, e. g. ticket replication
 - SAP ERP & SAP S/4 HANA (Financial accounting, consolidation, group reporting, order management, Retail, waste management)
 - SAP FSM (Field Service Management) integration of Master Data, Ticket, Service Order, Sales Order, Sales Opportunity
 - SAP LBN (Logistics Business Network)
 - SAP MDI
 - SAP SuccessFactors
- Integration with non-SAP systems
 - Azure: data lake/blog storage/database extraction, Simple Queue Service (SQS)
 - B2B
 - Inriver, Magento
 - Localized Admission organisations, e. g. studielink, UCAS, Uni-Assist
 - Microsoft 365, Dynamics, Sharepoint, Teams
 - Salesforce
 - SAP S/4HANA with eDocuments for additional countries (Denmark (NemHandel), Argentina)
 - SAP SuccessFactors with 3rd party payroll
 - ServiceNow
 - Veeva (Pharmaceutical cloud applications)
- Next steps: Follow-up with survey participants to receive more details on requested integration content

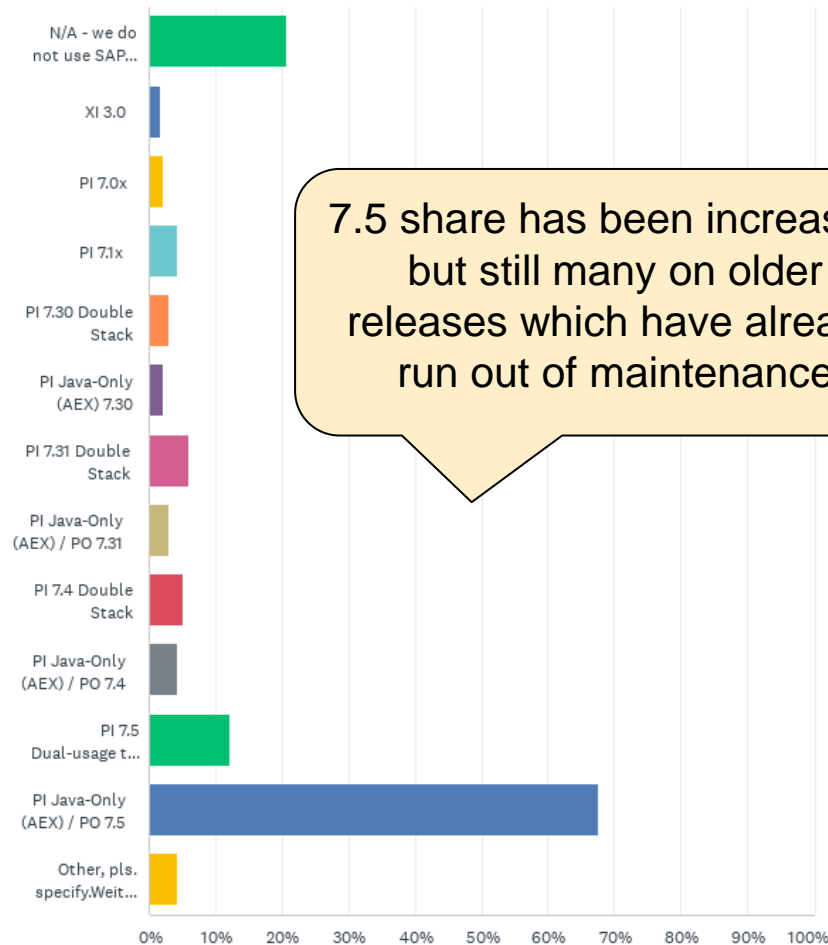
Results from Global Integration Survey 2022 by IFG

Q9: Which connectivity options do you miss for SAP Integration Suite? (Question introduced only later)

- ABAP Proxy Generation
- Blue Yonder
- Eventing
 - Better connectivity options to connect to SAP Event Mesh from external
 - Option to push events from SAP S/4HANA to non-SAP Event Solutions
- JDBC Sender Adapter
- Microsoft Sharepoint
- MDM on-premise
- Monday.com
- OFTP2
- REST adapter type including enhancements similar to SAP PI / PO, e. g.
 - Swagger, yaml integration, schema conversion to XSD, WSDL
- RabbitMQ
- RFC Sender
- SAP Cloud Connector
 - Additional security features like, e. g. virus scanning, throttling, packet inspection, etc.
- X.400

Results from Global Integration Survey 2022 by IFG

Q12: If you run SAP PI/PO, please check all releases you use for productive integration scenarios.

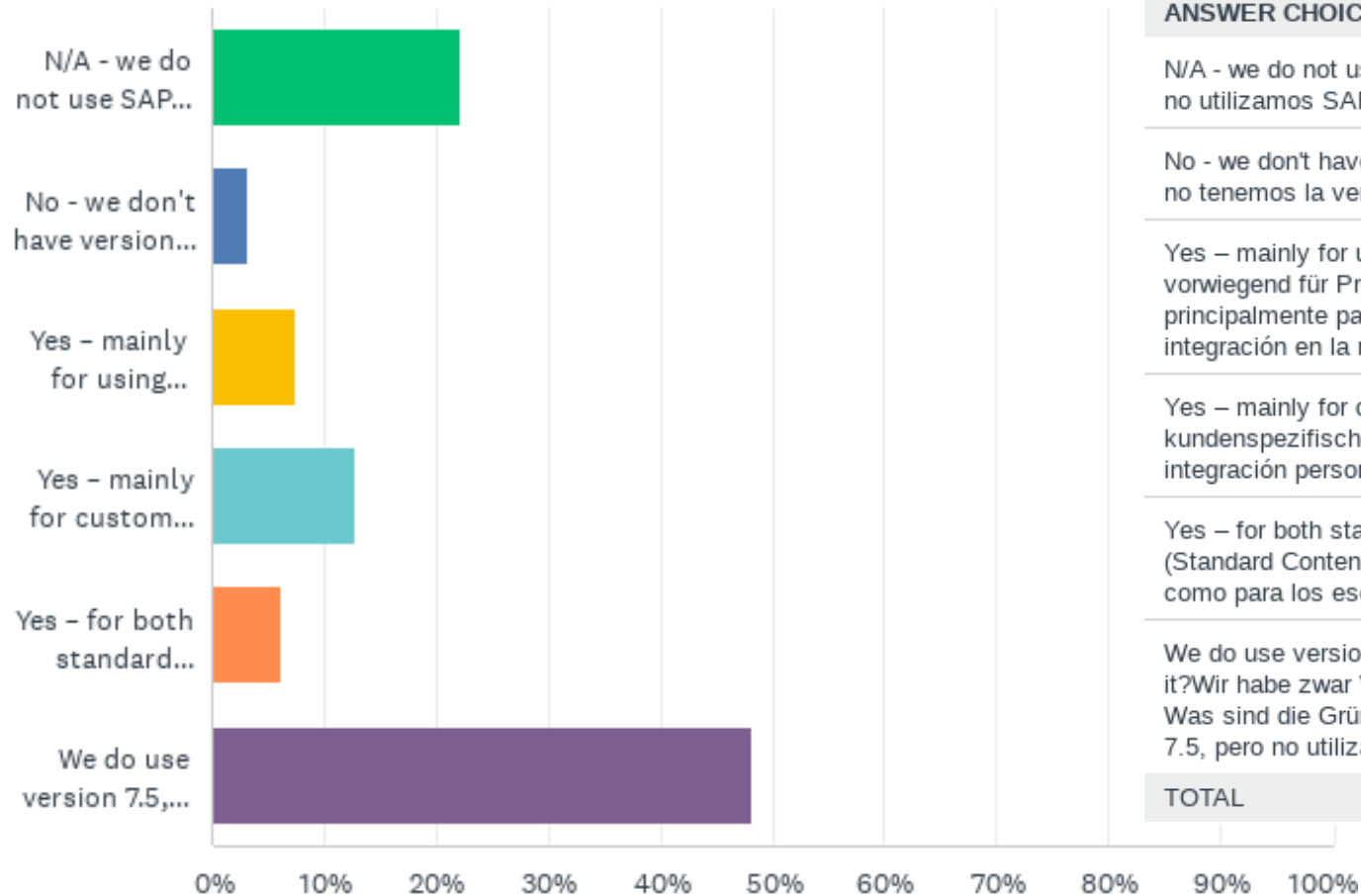


7.5 share has been increased, but still many on older releases which have already run out of maintenance

ANSWER CHOICES	RESPONSES	
N/A - we do not use SAP PI/PO N/A - wir haben SAP PI/PO nicht im Einsatz no usamos SAP PI/PO	20.78%	48
XI 3.0	1.73%	4
PI 7.0x	2.16%	5
PI 7.1x	4.33%	10
PI 7.30 Double Stack	3.03%	7
PI Java-Only (AEX) 7.30	2.16%	5
PI 7.31 Double Stack	6.06%	14
PI Java-Only (AEX) / PO 7.31	3.03%	7
PI 7.4 Double Stack	5.19%	12
PI Java-Only (AEX) / PO 7.4	4.33%	10
PI 7.5 Dual-usage type (Split stack)	12.12%	28
PI Java-Only (AEX) / PO 7.5	67.53%	156
Other, pls. specify. Weitere, bitte angeben Otro, por favor especificar.	4.33%	10
Total Respondents: 231		

Results from Global Integration Survey 2022 by IFG

Q13: If your SAP PI/PO system is on release 7.5, do you use the cloud integration runtime co-deployed on SAP PI/PO? If yes, in what scenarios?



ANSWER CHOICES	RESPONSES	
N/A - we do not use SAP PI/PO N/A - wir haben SAP PI/PO nicht im Einsatz N/A - no utilizamos SAP PI/PO	22.12%	50
No - we don't have version 7.5 in use N/A - wir benutzen die Version 7.5 nicht No - no tenemos la versión 7.5 en uso	3.10%	7
Yes – mainly for using pre-packaged integration content for cloud integration Ja - vorwiegend für Pre-Packaged Integration Content für die Cloud Integration Sí, principalmente para utilizar contenidos de integración preempaquetados para la integración en la nube	7.52%	17
Yes – mainly for custom integration scenarios Ja - vorwiegend für kundenspezifische Integrationsszenarien Sí, principalmente para escenarios de integración personalizados	12.83%	29
Yes – for both standard content and custom scenarios Ja - für beide Szenarien (Standard Content und kundenspezifisch) Sí, tanto para los contenidos estándar como para los escenarios personalizados	6.19%	14
We do use version 7.5, but don't use the option. What is the reason for not using it? Wir haben zwar Version 7.5 im Einsatz, nutzen diese Laufzeitoption aber nicht. Was sind die Gründe dass Sie diese Option nicht nutzen? Utilizamos la versión 7.5, pero no utilizamos la opción. ¿Cuál es la razón para no utilizarla?	48.23%	109
TOTAL		226

Adoption only slightly increased, from 30% to 40% of PI/PO 7.5 customers

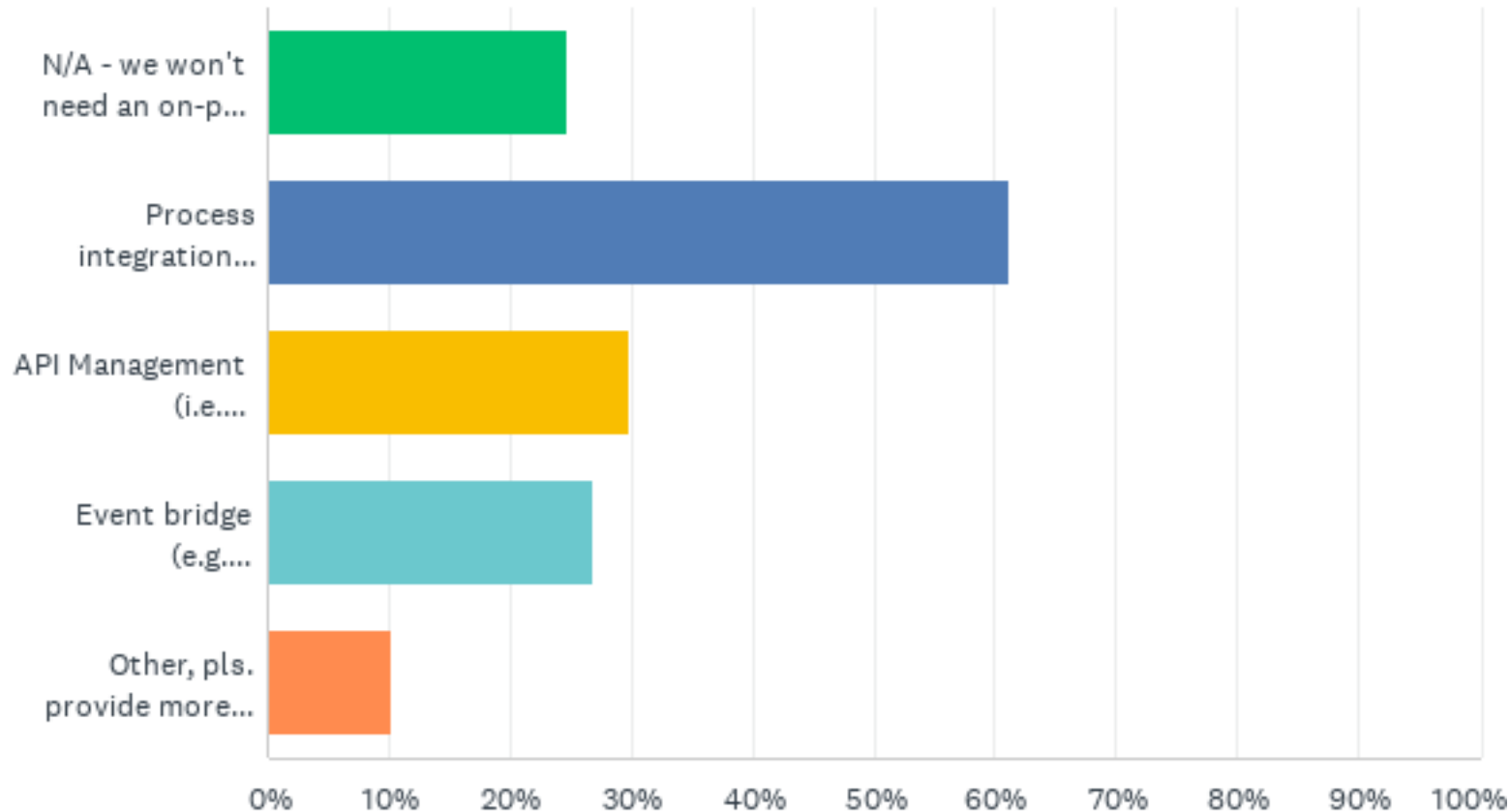
Results from Global Integration Survey 2022 by IFG

Key reasons for not using cloud integration runtime co-deployed on SAP Process Orchestration

- Not aware
- Not yet evaluated
- No use case currently
- No need – are fine with SAP Integration Suite
- No license of SAP Integration Suite / Do not use SAP Integration Suite
- Use already integration platform from Boomi
- Problem with keeping up SP updates
- Use as much as possible SAP Integration Suite
- SAP Integration Suite more future proof than SAP Process Orchestration
- Don't create new integration on SAP Process Orchestration anymore
- Waiting for hybrid deployment option of SAP Integration Suite
- Too many UDFs on SAP Process Orchestration
- Plan to evaluate this in near future

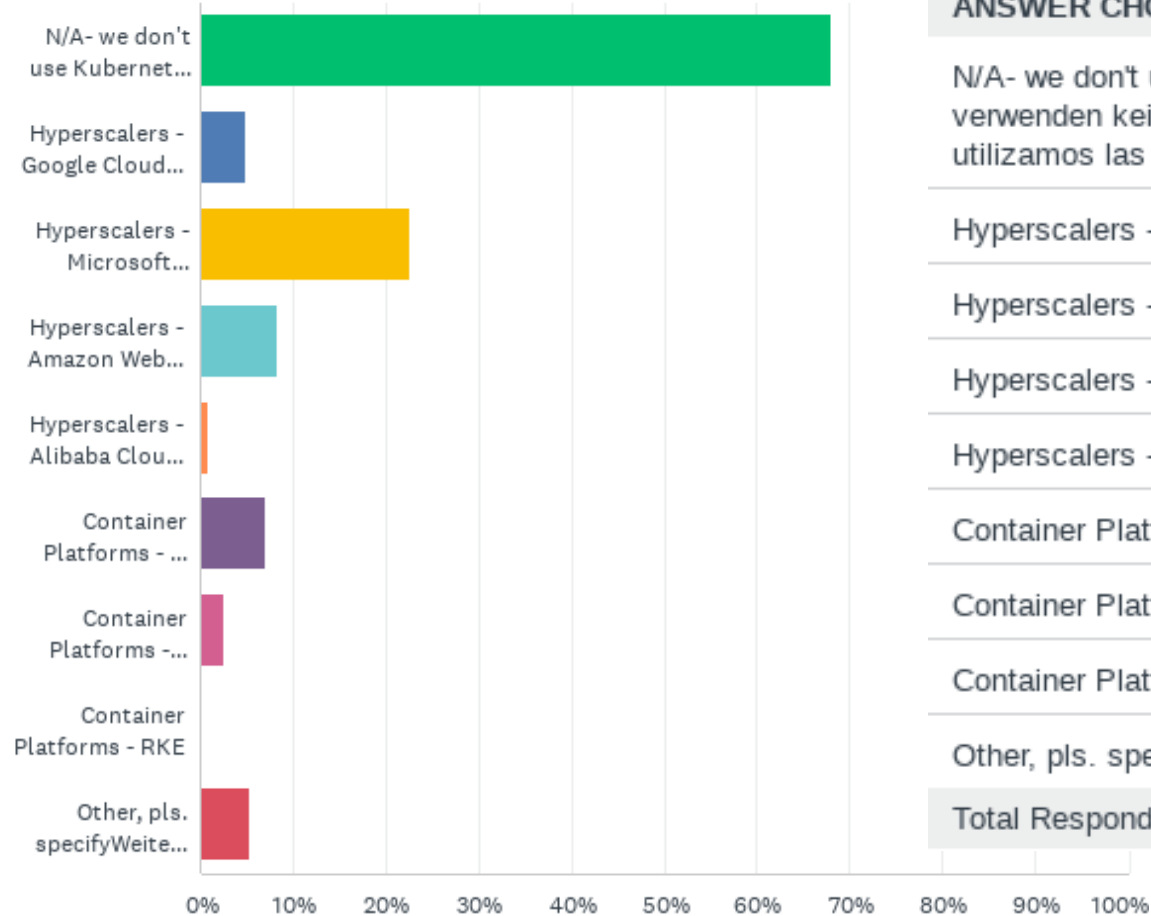
Results from Global Integration Survey 2022 by IFG

Q16: For which integration domains will you potentially use the planned lightweight on-prem runtime of the hybrid integration platform? (multiple answers possible)



Results from Global Integration Survey 2022 by IFG

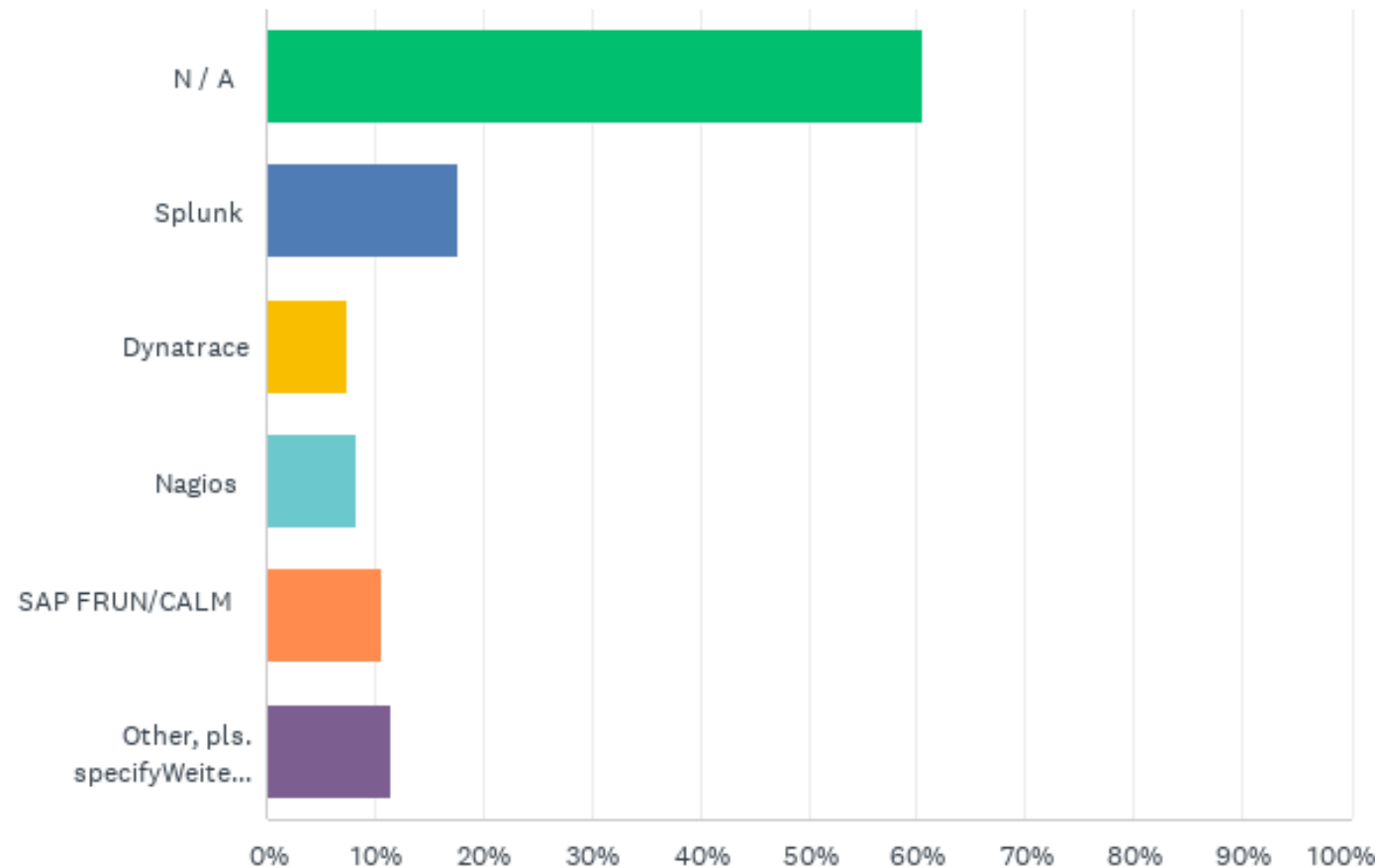
Q17: Which Kubernetes Platforms do you use or plan to use for the on-prem runtime of the hybrid integration platform? (multiple answers possible)



ANSWER CHOICES	RESPONSES	
N/A- we don't use Kubernetes Platforms for the on-premise runtimeN/A – wir verwenden keine Kubernetes-Plattformen für die On-Premise-LaufzeitN/A- no utilizamos las plataformas de Kubernetes para el tiempo de ejecución local	68.12%	156
Hyperscalers - Google Cloud Platform, GKE	4.80%	11
Hyperscalers - Microsoft Azure, AKS	22.71%	52
Hyperscalers - Amazon Web Services, EKS	8.30%	19
Hyperscalers - Alibaba Cloud, ACK	0.87%	2
Container Platforms - Red Hat OpenShift CP	6.99%	16
Container Platforms - SUSE CaaS	2.62%	6
Container Platforms - RKE	0.00%	0
Other, pls. specifyWeitere, bitte geben Sie diese anotros, por favor especifique	5.24%	12
Total Respondents: 229		

Results from Global Integration Survey 2022 by IFG

Q19: Do you use or plan to use a dedicated monitoring infrastructure for the on-prem runtime of the hybrid integration platform? (multiple answers possible)



Results from Global Integration Survey 2022 by IFG

Summary

Majority of customers

- leverages SAP Integration Suite for both standard content and custom scenarios
- prefers Microsoft Azure as hyperscale cloud provider, followed by AWS and SAP
- leverages integration flow guidelines and patterns as templates
- uses SAP Process Orchestration 7.5 Java Only
- does not use the cloud integration runtime co-deployed on SAP Process Orchestration
- plans to move their existing integration scenarios on SAP Process Orchestration to SAP Integration Suite
- plans to leverage the hybrid deployment option for process integration scenarios, followed by API-lead and event-driven scenarios
- prefers Microsoft Azure as Kubernetes platform for the hybrid deployment option
- uses Cloud Connector

SAP Integration Suite

Links for Further Information

Follow us on Social Media



@SAPCP #integration



SAP Technology

SAP Integration Suite Book

■ Authors

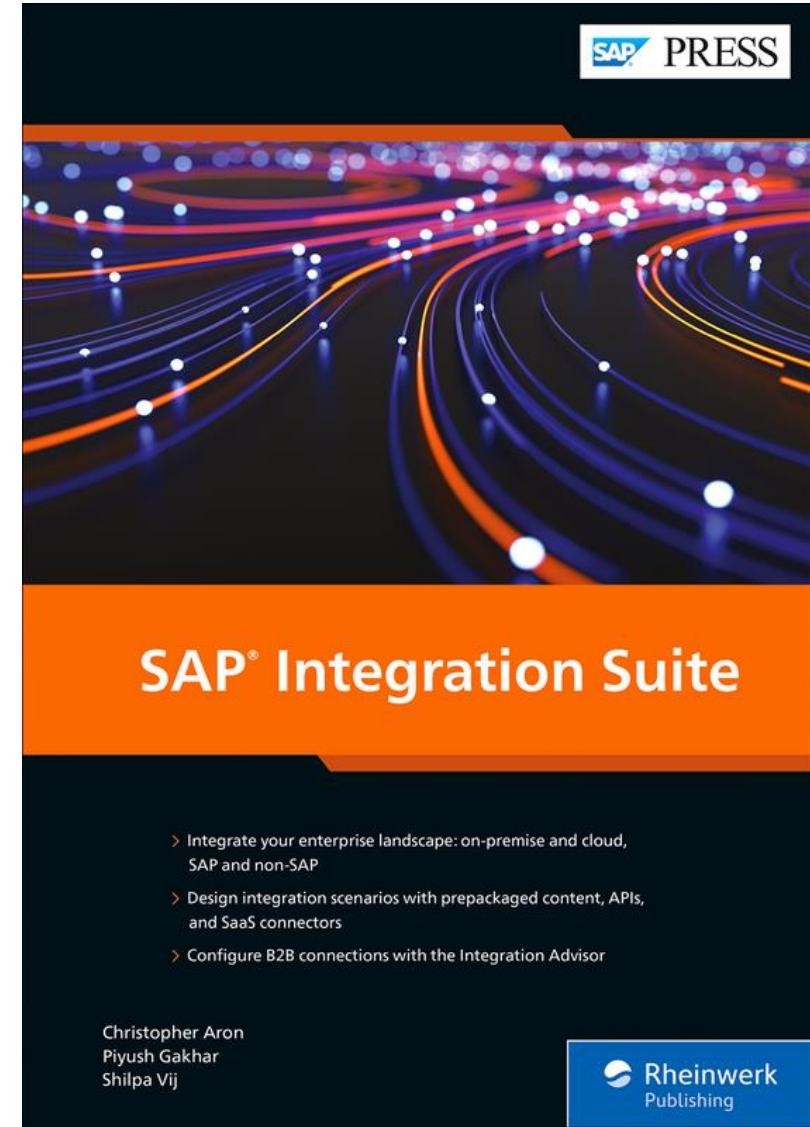
- Chris Aron
- Piyush Gakhar
- Shilpa Vij

■ Content highlights

- Pre-packaged integrations
- API management
- Application integration
- Integration advisor
- AI-driven integration
- Third-party integration
- Event-driven integration
- SAP Event Mesh
- Architecture
- Intelligent enterprise

■ Further Information

- E-book
- Print edition



Further information: https://www.sap-press.com/sap-integration-suite_5326/

SAP Cloud Platform Integration Book

3rd edition, with exercise examples

■ Authors

- John Mutumba Bilay
- Peter Gutsche
- Mandy Krimmel
- Volker Stiehl

■ Content highlights

- Architecture and Security (Neo and Cloud Foundry)
- Exercises for simple and complex integration patterns
- Event-based integration
- Predelivered Content
- Monitoring, Tracing and Simulation
- B2B Integration and Integration Advisor
- Open Connectors

■ Further Information

- E-book
- Print edition

Further information: https://www.sap-press.com/sap-cloud-platform-integration_5077/



SAP API Management Book

■ Authors

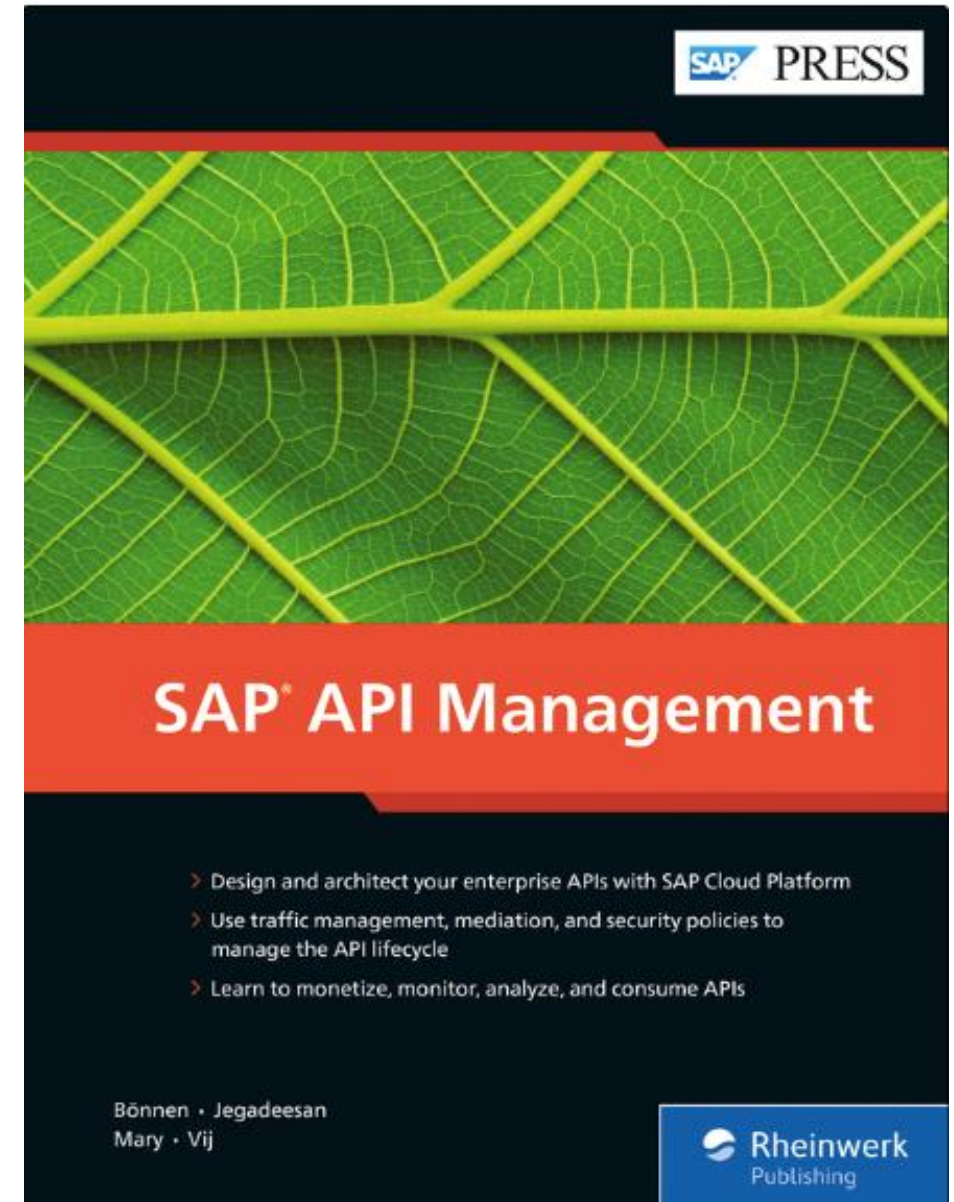
- Carsten Bönner
- Harsh Jegadeesan
- Divya Mary
- Shilpa Vij

■ Content highlights

- Architecture
- End-to-end lifecycle
- Design and development
- Traffic management, Mediation, Security
- Monetization, Consumption
- Enterprise integration
- Analytics
- SAP API Business Hub

Further information:

https://www.sap-press.com/sap-api-management_4928/



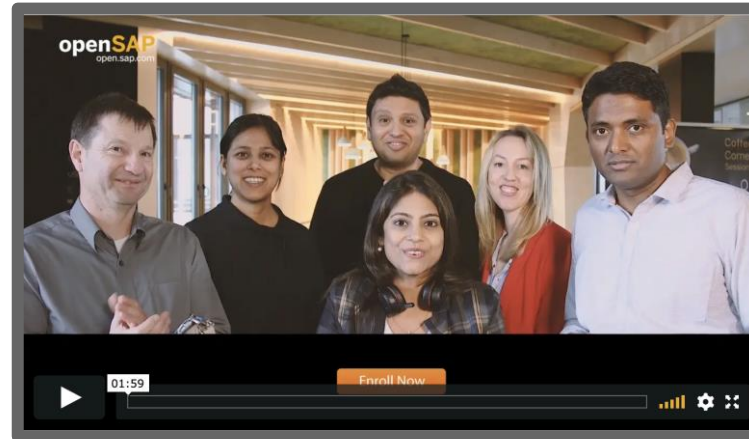
openSAP Courses

Learn from our team of experts, in a free online digital classroom



[Accelerate Enterprise Integrations with SAP Integration Suite](#)

13K+ learners
(July 2021)



[Simplify integration using SAP Integration Suite](#)

22K+ learners
(June 2019)



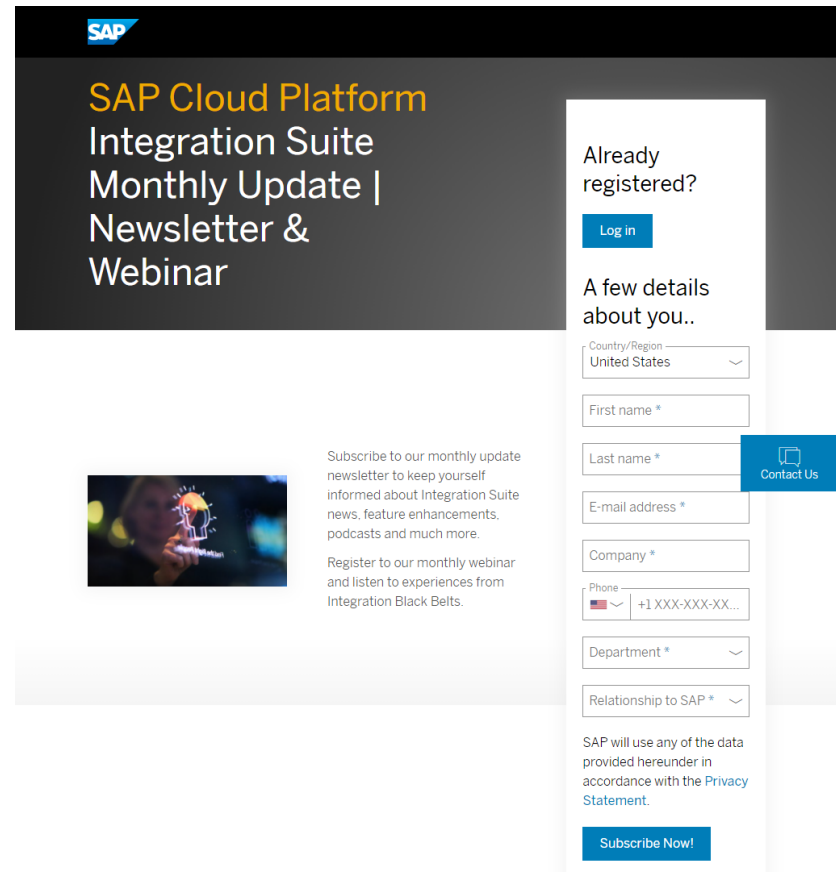
[API Management overview and lifecycle](#)

19K+ learners
(Sept 2018)

SAP Integration Suite - monthly update

Newsletter

- Every **first Monday**
- Links to blogs, upcoming events, important news, updates, recordings

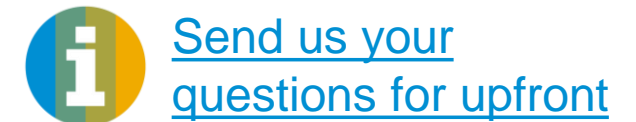


The screenshot shows a registration form for the SAP Cloud Platform Integration Suite Monthly Update Newsletter and Webinar. The form is titled "SAP Cloud Platform Integration Suite Monthly Update | Newsletter & Webinar". It includes a "Log in" button for already registered users and a "Contact Us" button. The registration fields include: Country/Region (dropdown menu), First name (text field), Last name (text field), E-mail address (text field), Company (text field), Phone (text field with a country code dropdown), Department (dropdown menu), and Relationship to SAP (dropdown menu). A "Subscribe Now!" button is at the bottom. Below the form, there is a section with a small image of a person and text encouraging users to subscribe to the newsletter and register for the webinar.

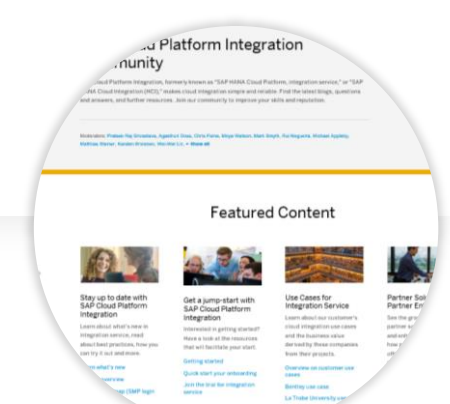
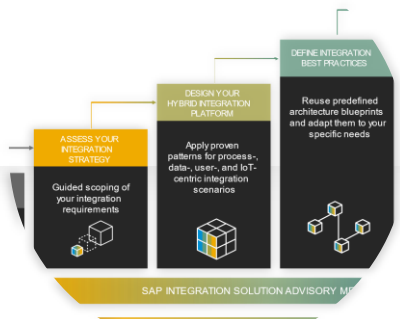


Webcast

- Every **last Tuesday**
- **Product updates**
- Alternatingly:
 - **#IntegrationBlackBelt:** Interact with Integration Black Belts
 - **#AskAnythingIntegration:** panel of experts answering any questions you have on integration. Send us your questions upfront



Jump start your **integration journey with SAP**



Assess Integration:

Assess your integration maturity level in two minutes and learn how to improve.

[Explore now >](#)

CIO Guide:

Process and Data Integration in Hybrid Landscapes

[Read now >](#)

SAP API Business Hub

provides a single access point to packaged integrations, APIs, events, and more.

[Explore now >](#)

SAP Community

connects thousands of users, developers, consultants, and SAP mentors and students to share ideas, learn, and innovate.

[Visit the Community >](#)

Your Path to Becoming an Integrated Intelligent Enterprise



1

DISCOVER SAP's Integration Strategy

Check out the white paper [Intelligent Enterprises Are Integrated Enterprises](#)

2

LEARN MORE about the **key technologies and concepts**

Join the [webinars](#) about SAP's Integration strategy

3

ENGAGE with the **SAP Community**

Visit the topic page [SAP Integration Strategy](#) to find related blogs and ask questions

Discovery Center missions

Best practices and step-by-stop guidance for implementing use cases

Get started with

- [Cloud Integration](#)
- [API Management](#)
- [Open Connectors](#)

Additional ones

- [Implement and configure **e-invoice Italy**](#)
- [Send **electronic invoices via Peppol** network in Germany](#)
- [ESAC Integrated Solution - Third party integration using **Open Connectors**](#)
- [ESAC Integrated Solution - Cloud to Cloud Integration - **SAP SuccessFactors - SAP Fieldglass**](#)
- [Boomi to Cloud Integration Transition](#)
- Publishing Documents from SAP S/4HANA Cloud to SharePoint (Embrace mission coming soon)

Missions

Missions are ready-to-run projects containing tools, content and customizable options.

Missions are supported by mission coaches to help your journey along the way.



[View Missions](#)

Start today

with SAP Integration Suite

EXPLORE

[sap.com](#) | [Video](#) | [Infographic](#) | [Solution in Detail](#) | [Service Description](#)
| [Roadmap](#)

GET STARTED

[SAP's integration strategy](#) | [ISA-M at sap.com](#) | [Discovery Center Missions](#) | [Tutorial Starter Scenario](#)

LEARN

[Webinars on key technologies](#) | [SAP Community](#) | [Blogs](#) | [SAP Help](#) | [Learning Journey](#) | [openSAP Course](#) | [Book](#)

INTEGRATION PACKS

[SAP API Business Hub @ api.sap.com](#)



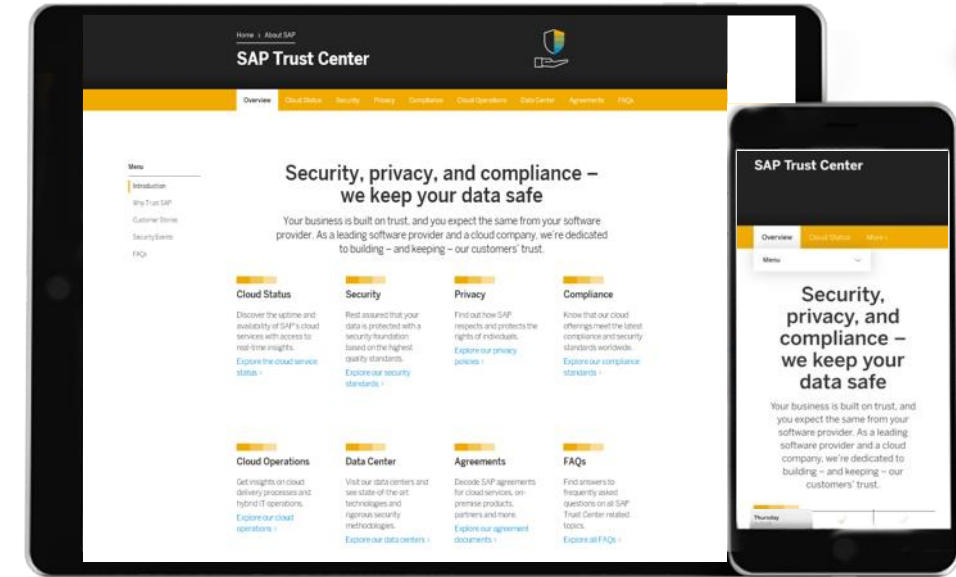


SAP Trust Center

<http://www.sap.com/trust-center>

The **SAP Trust Center** is a public-facing website on sap.com, designed to provide unified and easy access to trust related content, such as security, privacy, and compliance.

- Delivers **transparency**
- Easy access to SAP trust-related **documents, certificates, and contracts**
- Users can **initiate requests and engage with SAP**



Cloud Service Status

Availability data of our cloud services showing the current live status



Security

Measures to ensure SAP Cloud Security



Privacy

SAP respects and protects the rights of individuals



Compliance

Shows the vast variety of ISO/BS as well as certificates



Cloud Operations

Shows how SAP runs cloud operations to help plan and optimize resources



Data Center

Virtually and physically protected data with state-of-the-art technologies



Agreements

Overview of the building blocks of SAP contracts

First steps

Integration Assessment capability of SAP Integration Suite

Integration Assessment:

- [Documentation Integration Assessment capability of SAP Integration Suite](#)

ISA-M:

- Public landing page: <https://sap.com/integration-methodology>
- [Integration Architecture Guide for Cloud and Hybrid Landscapes based on ISA-M](#)
- openSAP course: <https://open.sap.com/courses/int2>
- SAP Community: <https://community.sap.com/topics/integration-strategy>
- Request access to the PPT version of ISA-M by sending a mail to isam@sap.com

Thank you.

Contact

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VP Product Management, SAP Integration Suite

udo.paltzer@sap.com



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