

SAP Integration Suite

Monthly Updates – September 2021

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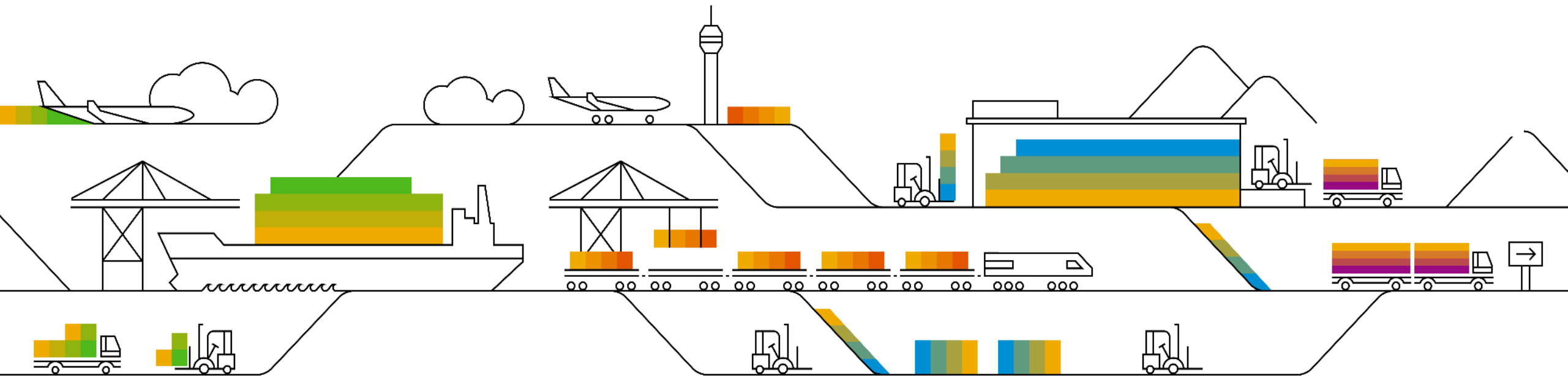
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Agenda

- Cloud Integration
 - New ID Mapping Step
 - Improvements to Access Policies
 - Other Updates
- Process Orchestration and AIF
- Customer Influence Session
- #AskAnythingIntegration



Cloud Integration



New ID Mapping Step

You can now use the ID Mapping step to implement scenarios with exactly once processing of messages.

The ID Mapping step maps a source message ID to a target message ID. A receiver can use the target message ID, for example, to make sure that the receiver can process a certain message only once.

See: [Define ID Mapping](#)

Improvements to Access Policies

- The following design time artifacts can now be protected using access policies that is, restrict the actions like edit, copy, download, delete, and simulate the artifacts.
 - Message Mappings
 - Value Mappings
 - Script collection artifacts
- Runtime operations like deploy, undeploy, restart, download, log level change, and configure archiving of the artifacts can be protected too.
- The scope of the access policy applies to accessing the resources via Monitoring UI and APIs.

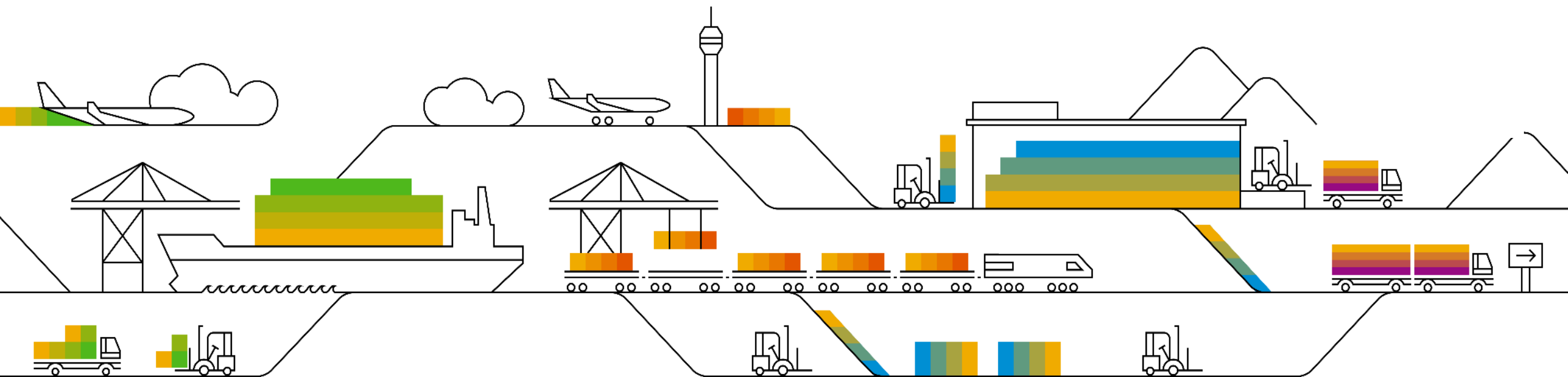
See:

[Managing Access Policies, Cloud Foundry Environment](#)
[Managing Access Policies, Neo Environment](#)

Other updates

- You can now copy and paste multiple flow steps in one go.
See: [Overview of Integration Flow Editor](#).
- Deployment error message is now shown in the Deployment Status tab of the integration flow editor.
See: [Deployment Status View](#).
- After deployment of the integration flow with the Kafka Sender adapter, if there's an exception thrown during polling for whichever reason, the corresponding error details are shown in the Monitor section.
See: [Configure the Kafka Sender Adapter](#)
- In case of message failures while a HTTP Receiver adapter calls the target system, message processing log attachments are created.
See: [HTTP Receiver Adapter](#)

Process Orchestration and AIF



Latest SAP Process Orchestration features with 7.5 SP22

Connectivity and secure connectivity add-on features [now included in SAP Process Orchestration](#) shipment

Completely reworked [search and where-used capability](#) in SAP Integration Designer

PI mail adapter supporting proxy

[Schedule data extraction](#) in Process Integration test tool

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Product Information



Anna Winterholler

September 13, 2021 | 8 minute read

New features for Integration Flow tooling – PI Configuration Search and Where-Used

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If you regularly work with Integration Flows and related objects in the NWDS SAP Integration Designer, then earlier or later you will come across the search functionality. The *Search PI Objects* view offers a search which relies on a local client-based index. The index is built each time after the login if the property "Enable content indexing for object references in search and system landscape" is enabled. The search shows findings in object keys as well as findings in referenced objects.

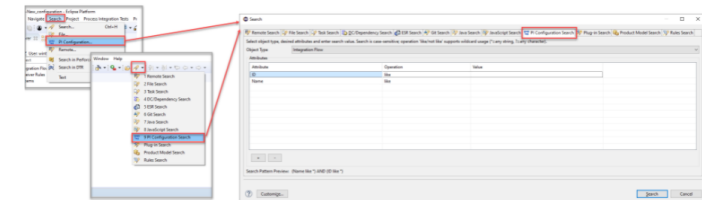
If the property is disabled or index can't be created, you will get only reduced result set which is based on object keys only:

object, deleted an object, transported an object in the meantime – your search does not reflect those changes and you cannot rely on the shown search results.

PI Configuration Search

These reasons brought us to rework the search functionality and we are happy to introduce a new *PI Configuration Search* which is available in the NWDS SAP Integration Designer starting with 7.50 SP22. The major differentiator of the new search is that it is executed on the server and so always reflects the latest content.

PI Configuration Search is integrated into standard Eclipse search dialog. Use *Search -> PI Configuration...* menu or the search menu in the toolbar to get there.



PI Configuration Search menu

In contrast to the old search, the PI Configuration Search is object type specific and attribute-based. As first step of the search, select a value from the *Object Type* combo box. Your last selection is memorized by the dialog. You can select any object type which is supported by Integration Flow tooling.

Best practices for moving existing integration scenarios from SAP Process Orchestration to **SAP Integration Suite**

[Migration guide](#) for SAP Process Orchestration

- Landscape
- Connectivity
- Security
- Error Handling & Logging Strategy
- Interface Governance
- Interface Migration

The screenshot displays the SAP Help Portal interface for the 'Migration Guide for SAP Process Orchestration'. The header includes the SAP logo, 'SAP Help Portal', and navigation links for 'Browse by Product' and 'SAP Learning Journeys'. A search bar is present with a 'Create Custom PDF' button. The main content area features a 'Table of Contents' on the left, listing sections like 'Value Proposition and Why You Should Move to SAP Integration Suite', 'Landscape', 'Connectivity', 'Security', 'Error Handling and Logging Strategy', 'Interface Governance', and 'Interface Migration'. The main article title is 'Migration Guide for SAP Process Orchestration', followed by a sub-header 'SAP Integration Suite: A Future-Proof, Hybrid Integration Platform'. The text describes SAP Integration Suite as an open, enterprise-grade integration platform. Below the text is a 'SUITE QUALITIES' section with six icons representing: Seamless user experience, One workflow inbox, End-to-end process blueprints, Aligned domain models, Consistent security & identity mgmt, and Coordinated lifecycle mgmt. A 'Key Highlights' section at the bottom lists achievements like being a leader in the Gartner 2020 Magic Quadrant and supporting various integration capabilities.

SAP Help Portal

Migration Guide for SAP Process Orchestration

Table of Contents

- Migration Guide for SAP Process Orchestration
 - Value Proposition and Why You Should Move to SAP Integration Suite
 - Landscape
 - Connectivity
 - Security
 - Error Handling and Logging Strategy
 - Interface Governance
 - Interface Migration

Migration Guide for SAP Process Orchestration

Find out how to migrate from SAP Process Orchestration to SAP Integration Suite.

SAP Integration Suite: A Future-Proof, Hybrid Integration Platform

SAP Integration Suite is an open and enterprise-grade integration platform that is a fully vendor-managed multi-cloud offering. It's SAP's recommended integration platform for simplifying and accelerating integrations for both SAP and third-party integration scenarios. SAP Integration Suite supports integration in a holistic manner and provides prebuilt integration packages to enable accelerated integrations. It supports a range of integrations, including the integration of applications in the cloud and on premise, master data integration, B2B and electronic data interchange (EDI) integration, business-to-government (B2G) integration, data integration and pipelines, event-driven integration, and integration based on application programming interfaces (APIs). It also supports design and runtime governance of APIs and acts as the foundation for process excellence across the value chain. In summary, you have all the features necessary to build an Intelligent Enterprise.

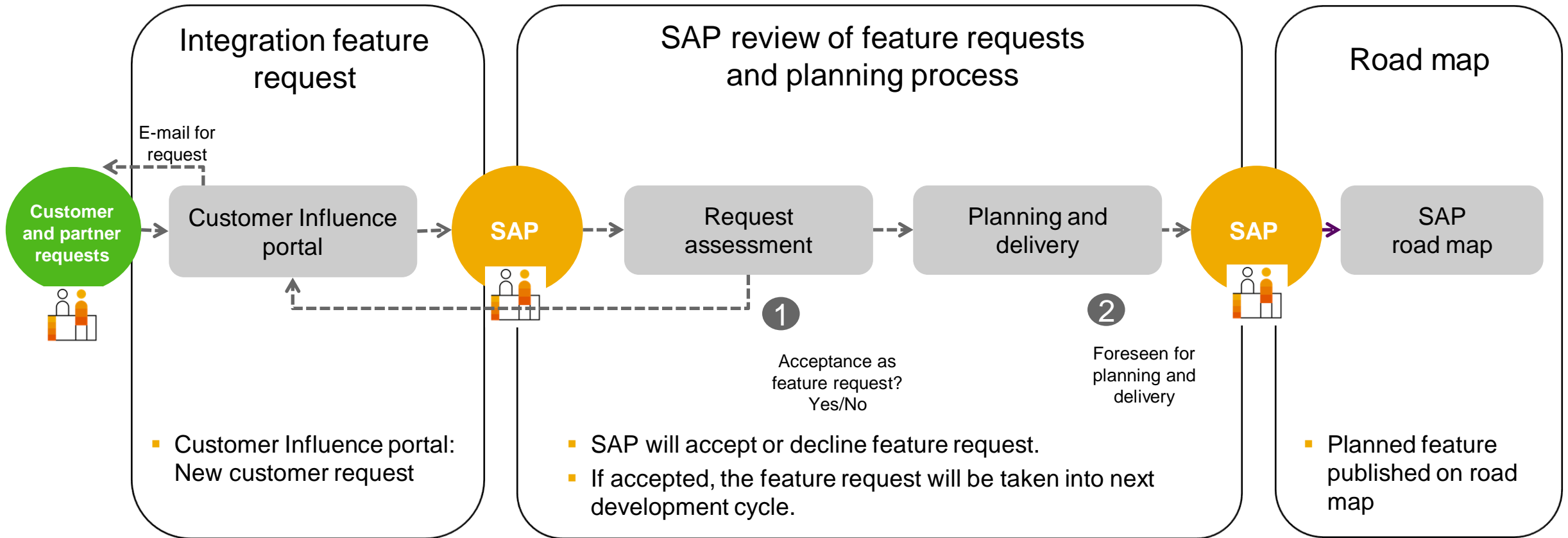
SUITE QUALITIES

Seamless user experience	One workflow inbox	End-to-end process blueprints	Aligned domain models	Consistent security & identity mgmt	Coordinated lifecycle mgmt	Embedded & cross-product analytics
Harmonized look & feel and navigation patterns	Central task management	Implementable reference architectures	Aligned business objects across applications	Central identity provisioning & authentication	Harmonized provisioning, setup & operations	Holistic 360° business and customer view

Key Highlights

- Leader in the Gartner 2020 Magic Quadrant™ for iPaaS solutions
- Simplified integrations with capabilities of Cloud Integration, API Management, Integration Advisor, AI-based development, SAP Integration Solution Advisory Methodology, the API business hub enterprise, Cloud Connector, and Open Connectors for more than 170 non-SAP applications

SAP's Customer Influence program for SAP Integration Suite



New: Minimum number of required votes per feature request increased from 10 to 20 since September 2021

SAP Influence Session: SAP Integration Suite

Feature request Status – Overview August 2021

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

SAP's Customer Influence program for SAP Integration Suite

- The feature requests for SAP Integration Suite are distributed as follows:
 - 84% Cloud Integration
 - 55% Developer Productivity
 - 31% Monitoring and Operations
 - 14% Connectivity and Adapters
 - 5% cross SAP Integration Suite (i. e. across multiple capabilities of SAP Integration Suite)
 - 5% B2B incl. Integration Advisor
 - 3% API Management
 - 2% ABAP (e. g. SOA Manager transaction)
 - 1% Cloud Connector

SAP's Customer Influence program for SAP Integration Suite

Most requested feature requests for Developer Productivity

Feature Request Title	Capability	Status	Date	Votes
Security Credentials – where used, Where Used list for Security artifacts, Where-used functionality for security material entries	Cloud Integration	Accepted	H2 2021	52
Better management of exactly once functionality for asynchronous flow in SCPI	Cloud Integration	Accepted	H2 2021	51
Git support for SAP Cloud Platform Integration	Cloud Integration, APIM, B2B	For long-term consideration	H2 2022	44
CPI: Reusability of Groovy scripts and mapping functions in different Integration Flows	Cloud Integration	Delivered		36
Where-used-list for Artifacts in Flow	Cloud Integration	Planned (Long-term)	H1 2022	31
Enhance Visibility of current CPI Tenant (Dev / Q / Prod and Customer Name), Labeling and theming for CPI Instances	Cloud Integration	For long-term consideration	H2 2022	28
Ability to debug the groovy scripts in IFlow simulation	Cloud Integration	For long-term consideration	H2 2022	27
Copy Function for Design Elements	Cloud Integration	Delivered		23
Undelete restore iflows or packages	Cloud Integration	For long-term consideration	H2 2022	20

SAP's Customer Influence program for SAP Integration Suite

Most requested feature requests for Monitoring and Operations

Feature Request Title	Capability	Status	Date	Votes
CPI Message Monitor: Overview page	Cloud Integration	Planned (Long-term)	H1 2022	39
Ressource Monitor and Kill Processes Feature in CPI	Cloud Integration	Planned (Long-term)	H1 2022	33
CPI Message Monitor: Grouping of Integration Flows	Cloud Integration	Planned (Long-term)	H1 2022	27
Tenant Monitoring	Cloud Integration	Planned (Long-term)	H1 2022	23
Make timings for Trace Log Level configurable (via UI and OData API)	Cloud Integration	For long-term consideration	H2 2022	24
Ability to deploy single integration flow in a package using Transport Management Service	Cloud Integration	Delivered		19
Add input help (dropdown) to credentials and certificate selection	Cloud Integration	Planned (Long-term)	H1 2022	16
System Logs in Cloud Foundry Tenants	Cloud Integration	Planned (Long-term)	H1 2022	15
Make test message available in integration flows	Cloud Integration	For long-term consideration	H2 2022	15

SAP's Customer Influence program for SAP Integration Suite

Most requested feature requests for Connectivity and Adapters

Feature Request Title	Capability	Status	Date	Votes
Native JDBC Adapter for Non-SAP Databases, Native JDBC Adapter for Non-SAP Databases	Cloud Integration	Delivered		41
Provide raw HTTP request/response traces for HTTP-based adapters	Cloud Integration	Accepted	H2 2021	28
File adapter in SAP CPI	Cloud Integration	For long-term consideration	H2 2022	19
CPI: OFTP2 adapter	B2B	For long-term consideration	H2 2022	17
ODATA V4 API Artifact in CPI	Cloud Integration	Planned (Long-term)	H1 2022	15
Ability to READ files from SFTP after the Start Event during iFlow execution	Cloud Integration	Delivered		14
CPI: Acknowledgement support for IDoc-sender-adapter	Cloud Integration	For long-term consideration	H2 2022	13
RFC Sender Adapter	Cloud Integration	For long-term consideration	H2 2022	11
Need a REST Adapter similar to PO	Cloud Integration	For long-term consideration	H2 2022	11

SAP's Customer Influence program for SAP Integration Suite

Most requested feature requests for API Management and B2B Integration

Feature Request Title	Capability	Status	Date	Votes
Git integration for API Management	APIM	Delivered		20
SAP API Management - API Monitoring	APIM	For long-term consideration	H2 2022	16
Partner Directory GUI	B2B	Accepted	H2 2021	16
EDI B2B Message Monitor in CPI	B2B	Accepted	H2 2021	13
B2B Transaction Log	B2B	Planned (Long-term)	H1 2022	11

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
- 15-20 mins slot
- Interested to present?
 - Reach out to us - gautham.krishna@sap.com



What is #AskAnythingIntegration?

Provides a platform for customers, partners, consultants, and participants to ask their most important and top priority questions and get them answered by the panel of experts.

- Questions can be sent upfront or posted directly in the call
- Questions and answers will then be published as a public FAQ document with regular updates and additions

Panel of Experts: Speakers of the monthly webinar + product Management team

Schedule: Runs every alternate month

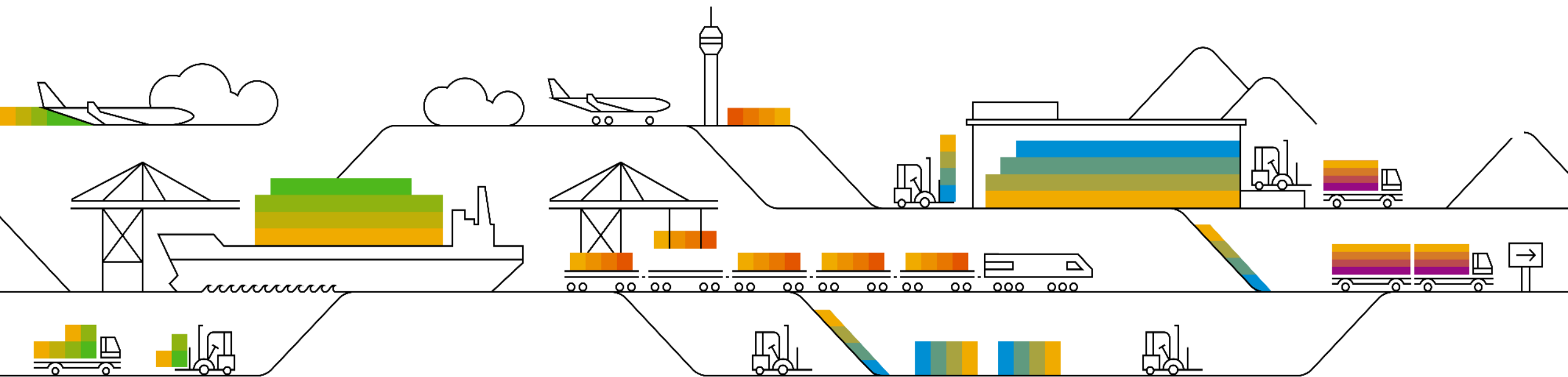
Duration: 20 mins

Moderator: Gautham (gautham.krishna@sap.com)

Note: “Interact with #IntegrationBlackBelt” section will transition to alternate months.



#AskAnythingIntegration



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