

SAP Cloud Platform Integration Suite

Monthly Updates – June 2020

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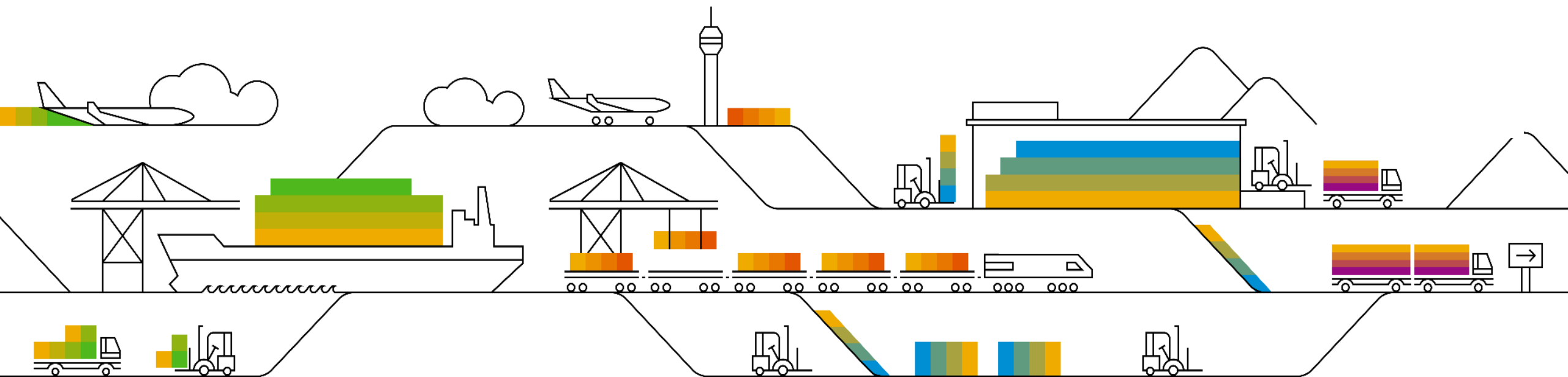
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Agenda



- Product Updates
 - Custom Tags
 - Remote OData API's Extensions
 - SFTP Adapter Extensions
 - API Management Standalone capabilities and Integration Suite
 - Recent Innovation in Neo: Client certificate authentication to CPI
 - Recent Innovation in Cloud Foundry: On-Premise Connectivity
 - New features with 7.5 SP18
 - SAP Process Orchestration & SAP AIF @ Roadmap Explorer
- Interact with Integration Black Belt
- Q&A

Cloud Integration



Agenda



- Custom Tags for Integration Packages
- Remote OData API Extensions
- SFTP Adapter Enhancements



Custom Tags for Integration Packages

Enables you to maintain custom attributes in key-value pair format at package level.

Tenant administrator defines the custom tags and integration developers need to maintain them.

Also available are remote OData API's to UPDATE and GET custom tags using following parameters:

- \$top
- \$skip
- \$orderby
- \$select

[Blog](#)

The screenshot shows the 'SAP Cloud Platform Integration' interface. The top navigation bar includes 'Product Profiles', 'Transport', 'ES Repository', and 'Custom Tags'. Below the navigation bar, there is a descriptive text: 'Add custom tag names which are to be maintained by the artifact developers at package level with relevant values. These tag names will be shown in the package Tags section as custom tags. By default all the attributes are mandatory, in which values have to be maintained.' To the right of this text are buttons for 'Add', 'Import', and 'Export'. Below the text is a table with columns 'Tag Name', 'Mandatory', and 'Actions'. The table contains two rows: 'Author' with a mandatory checkbox unchecked and a trash icon; and 'Extended By' with a mandatory checkbox checked and a trash icon.

Tag Name	Mandatory	Actions
Author	<input type="checkbox"/>	
Extended By	<input checked="" type="checkbox"/>	

The screenshot shows the 'Monthly Webinar - Integration Suite' interface. The top navigation bar includes 'Header', 'Overview', 'Artifacts (4)', 'Documents', and 'Tags'. Below the navigation bar, there are five input fields: 'Product:', 'Country:', 'Keyword:', 'Lines of Business:', and 'Industry:'. Below these fields is a section titled 'Custom Tags'. This section contains two input fields: 'Author:' and 'Extended By:'. The 'Extended By:' field has a dropdown menu with 'Finny Babu' selected and a close button 'x'.

Product:

Country:

Keyword:

Lines of Business:

Industry:

Custom Tags

Author:

Extended By:

Remote OData API Extensions

1. Value Mapping ([link](#))
 - Create, read and update configurations in the Value Mapping
2. Number Ranges ([link](#))
 - Create, delete, and update Number Ranges using the OData API
3. Update an integration flow ([link](#))
 - Update an integration flow name, artifact content and save as specified version

SFTP Receiver Adapter Enhancements

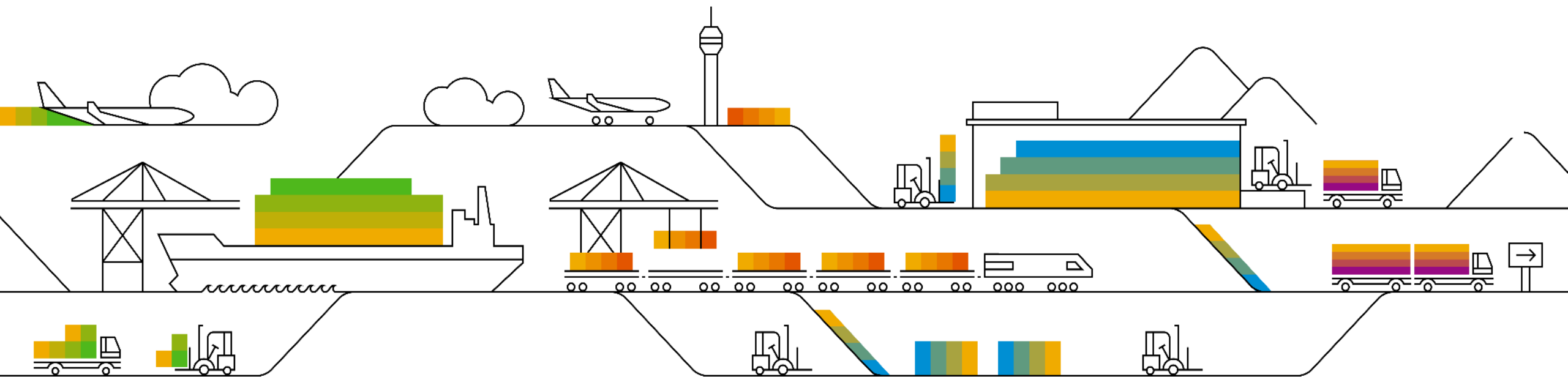
- Dynamically configure the parameters using headers and properties ([blog](#))
- Proxy Type with additional option
 - **Dynamic** and provide the value in the property **SAP_FtpProxyType**
- Authorization with additional options
 - **Dual**, which means authentication is done via public key and user password
 - **Dynamic** and provide the value in the property **SAP_FtpAuthMethod**

Proxy Type:	Dynamic	▼
Location ID:		

Authentication:	Dual	▼
Credential Name:*	myCredentials	
Private Key Alias:	myPrivateKey	

Authentication:	Dynamic	▼
Credential Name:*	myCredentials	
User Name:*	myUserName	
Private Key Alias:	myPrivateKey	

API Management



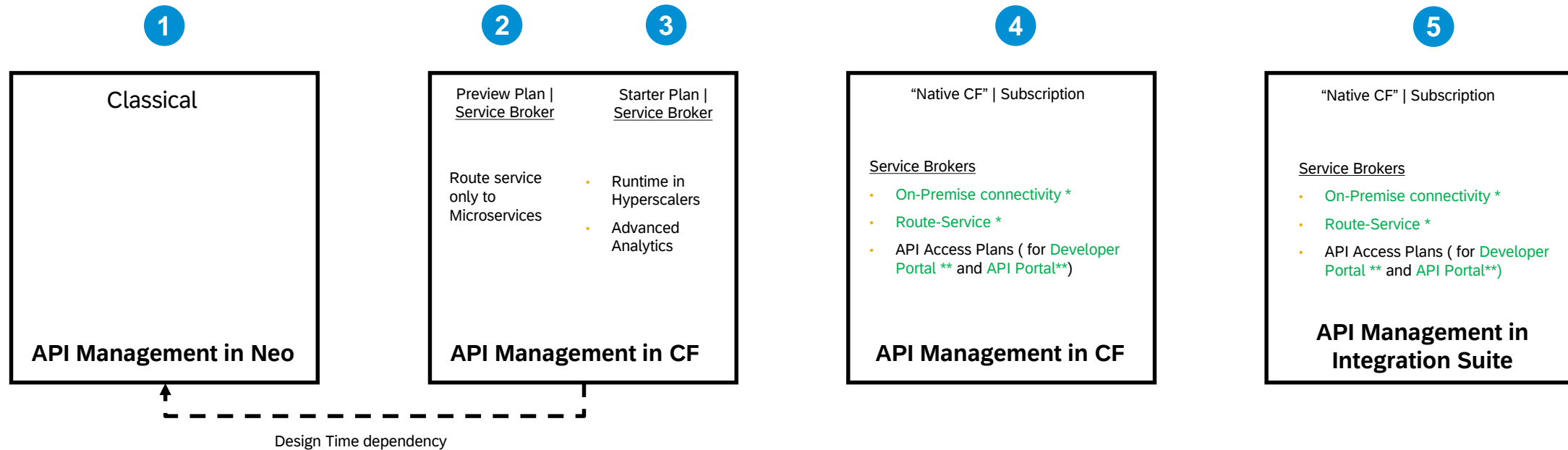
Agenda



- API Management Standalone capabilities and Integration Suite
- Recent Innovation in Neo : Client certificate authentication to CPI
- Recent Innovation in Cloud Foundry : On-Premise Connectivity



API Management and Integration Suite capabilities – how are they stacked ?



* Recently added feature

** will be soon added

Recent API Management Innovations (in Neo)

Client Certificate authentication to CPI's Sender OData Adapter

In addition to Basic Authentication, API Management can initiate X.509 Client Certificate authentication to CPI's OData endpoint

The screenshot shows the 'Create API' dialog in the SAP API Management console. The dialog is titled 'Create API' and has a back arrow on the top left. A message bar at the top states: 'We are creating an API Provider for persisting credentials.' The configuration fields are as follows:

- Authentication type:** A dropdown menu set to 'Client Certificate'.
- Client certificate:** Two buttons: 'Existing Store' and 'New Store'.
- Upload:** A text input field followed by a 'Browse...' button. Below this, it says 'Supported file type: .p12 or .pfx'.
- Store Name:** A text input field.
- Name:** A text input field.
- Password:** A text input field.

At the bottom right, there are 'Done' and 'Cancel' buttons.

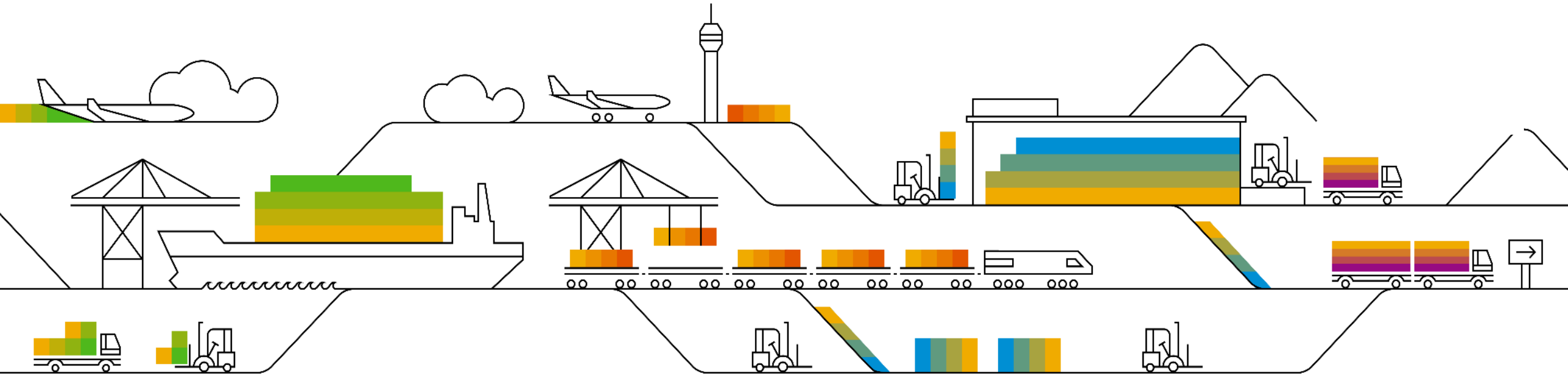
Recent API Management Innovations (in CF)

Service Broker exposes a plan to authenticate to the on-premise connectivity component.

Blog [article](#) describes the various ways in which principal propagation via the on-premise connectivity component can be achieved.

- SAML Grant Flow
- OAuth2SAMLBearer Assertion (via Destination Service)
- OAuth Token exchange (via Destination Service)

Process Orchestration



Agenda



New features with 7.5 SP18

SAP Process Orchestration roadmap



New features with 7.5 SP18

- Process Integration Test tool
 - Viewer for configuration objects
 - Where-used list
 - Alerts for errors in PI test tool tasks
 - Disable alerting for test messages
- Connectivity
 - OAuth 2.0 JSON Web Token profile in REST adapter
- Cloud Integration Runtime
 - Support for AMQP adapter

See [release notes](#)

SAP Process Orchestration @ SAP Road Map Explorer

SAP Road Map Explorer

Products Processes Industries My Road Maps | [User Profile] Disclaimer

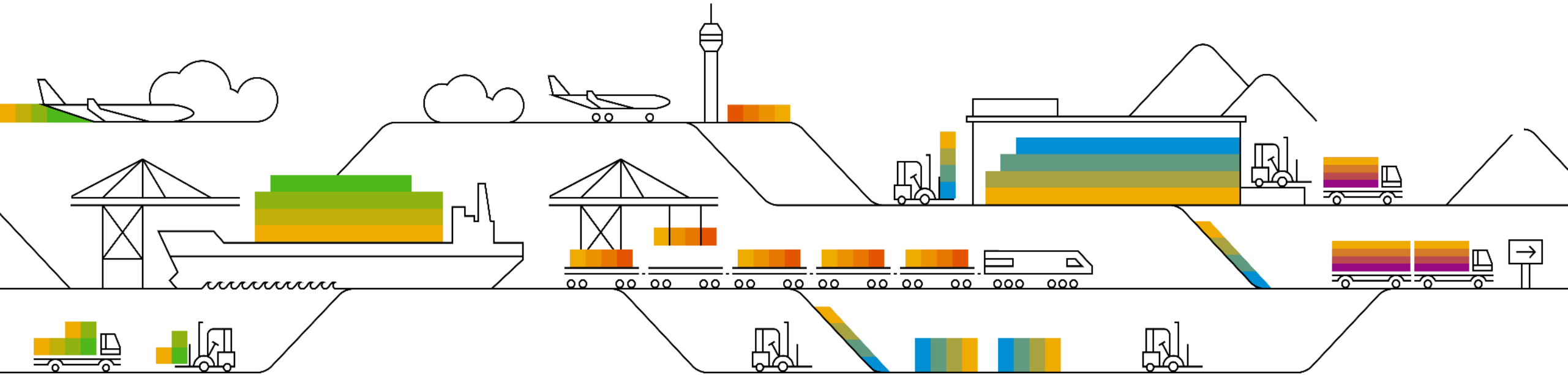
Process Integration x SAP NetWeaver x SAP Process Integration, business-to-business add-on x 80 Innovations x 🔍

Products 2 Industries Focus Topics First - Last [Download] [Share] [Save]

Quarter	Innovations Count	Category	Enhancement	Version
Q3 2019	5	Process Integration	Enterprise Services Repository enhancements for Eclipse – SAP...	SAP NetWeaver 7.5
			Improved file adapter polling behavior in case of high load in a clustered...	SAP NetWeaver 7.5
			Regular updating of cloud integration content runtime in SAP Process...	SAP NetWeaver 7.5
			Test tool for automated testing of message processing in SAP Process...	SAP NetWeaver 7.5
			Where-used capabilities for function libraries	SAP NetWeaver 7.5
Q4 2019	0			
Q1 2020	6	Process Integration	Business-to-business (B2B) add-on enhancements with release 2.0 SP01	SAP Process Integration 2.0, business-to-business add-on
			Enterprise Services Repository enhancements for Eclipse	SAP NetWeaver 7.5
			Query modeler in Eclipse	SAP NetWeaver 7.5
			REST adapter security enhancements (SAP Process Orchestration)	SAP NetWeaver 7.5
			Regular updating of cloud integration content runtime (with release 7.5...	SAP NetWeaver 7.5
Q2 2020	3	Process Integration	REST adapter supporting the JSON Web Token profile as an authorizati...	SAP NetWeaver 7.5
			Regular updating of cloud integration content runtime with release 7.5...	SAP NetWeaver 7.5
			Test tool enhancements with SAP Process Orchestration 7.5 SP18	SAP NetWeaver 7.5
Q3 2020	6	Process Integration	Mail adapter supporting OAuth 2.0 authorization code grant flow	SAP NetWeaver
			New user role for special authorization for CPA cache refresh	SAP NetWeaver
			REST adapter supporting the JSON Web token profile for client...	SAP NetWeaver
			Regular updating of cloud integration content runtime with 7.5 SP 19	SAP NetWeaver
			Special handling of globally unique identifier for asynchronous SOAP XI...	SAP NetWeaver
Q4 2020	0			
Q1 2021	6	Process Integration	Automated testing of message processing in SAP Process...	SAP NetWeaver
			Improved "exactly once in order" (EOIO) sequence monitoring	SAP NetWeaver
			REST adapter supporting OAuth 2.0 on the sender side	SAP NetWeaver
			REST adapter supporting the http PATCH method on the sender...	SAP NetWeaver
			Resend Web services reliable messaging with Web services securi...	SAP NetWeaver
			XML data archiving service: Compression of archived files	SAP NetWeaver

[Direct link](#)

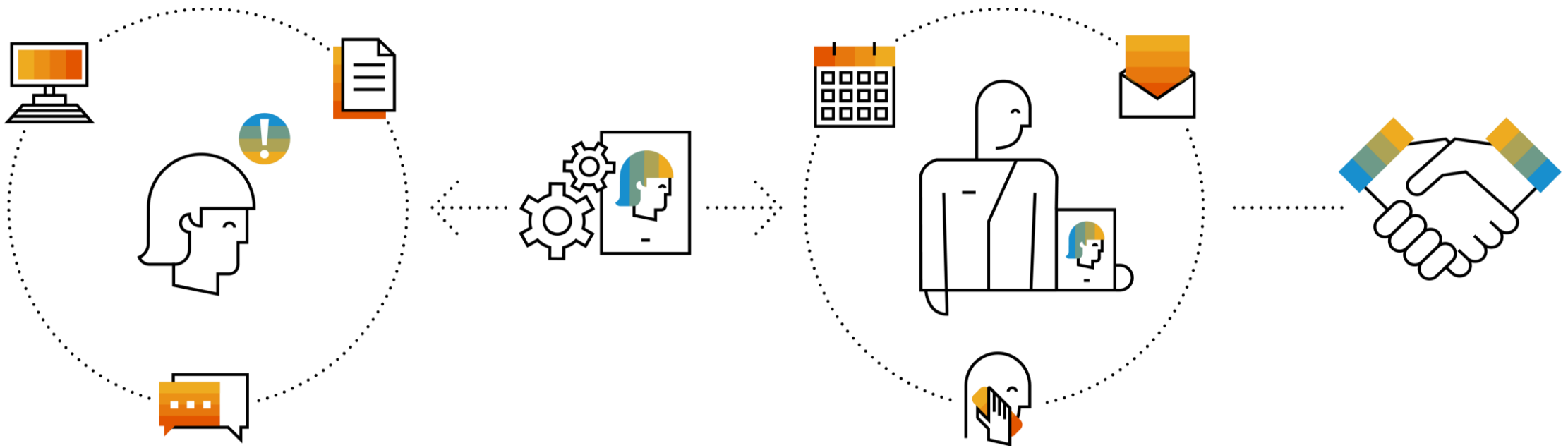
Application Interface Framework



Application Interface Framework @ Roadmap Explorer

The screenshot displays the SAP Road Map Explorer interface. At the top, the SAP logo is followed by "Road Map Explorer" and a "BETA" badge. Navigation tabs include "Products", "Processes", "Industries", "My Road Maps", and a "Disclaimer" link. A search bar contains the text "Interface Monitoring and Error Handling" and shows "32 Innovations". Below the search bar are "Products" and "Focus Topics" dropdowns, and buttons for download, share, and save. The main content area is a timeline with five columns representing quarters: Q3 2020 (3 innovations), Q4 2020 (9 innovations), Q1 2021 (1 innovation), Q2 2021 (2 innovations), and 2021 (7 innovations). Each column has a "Future Release" or "Product Vision" label. The "Interface Monitoring and Error Handling" category is expanded in each column, showing various innovations such as "Cancellation and restart messages through the workflow service (cloud)", "SAP Fiori UX monitor - Mass change (cloud)", "Approval of message monitoring activities through workflow services...", and "Technical error propagation - outbound Web service (cloud)". Each innovation entry includes a title, a description, and a "SAP S/4HANA Cloud" or "SAP S/4HANA" label.

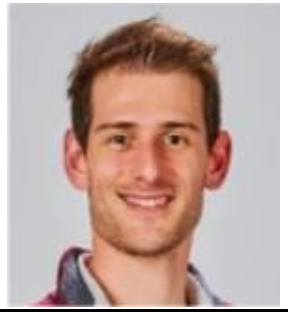
[Direct link](#)



Interact with Integration Black Belt

SAP Cloud Platform Integration Suite

Speakers



Rafael Tadeu

Integration Architect



Rafael Tadeu is an Integration Architect at Delaware and has over 10 years of experience designing and developing solutions in the SAP landscape.

His main focus currently is on integration, for SAP development tools both on-premise and cloud. As an Integration Architect, he is involved in all phases of projects, from requirement gathering and prioritization, until ensuring successful strategies and solutions.

He also works closely with customers to advise on how to seamlessly transition into the hybrid landscape of integration.



Wim Van der Elst

Solution Architect



Wim Van der Elst is a Solution Architect at Delaware, focusing on standardizing and templating their implementations.

On the journey to evolve more and more into the development of their own IP, he is instrumental in defining some powerful building blocks to leverage the SAP Cloud Platform and kick start their implementations.

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



Q&A

Thank you.

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