

SAP Integration Suite

Monthly Updates – June 2021

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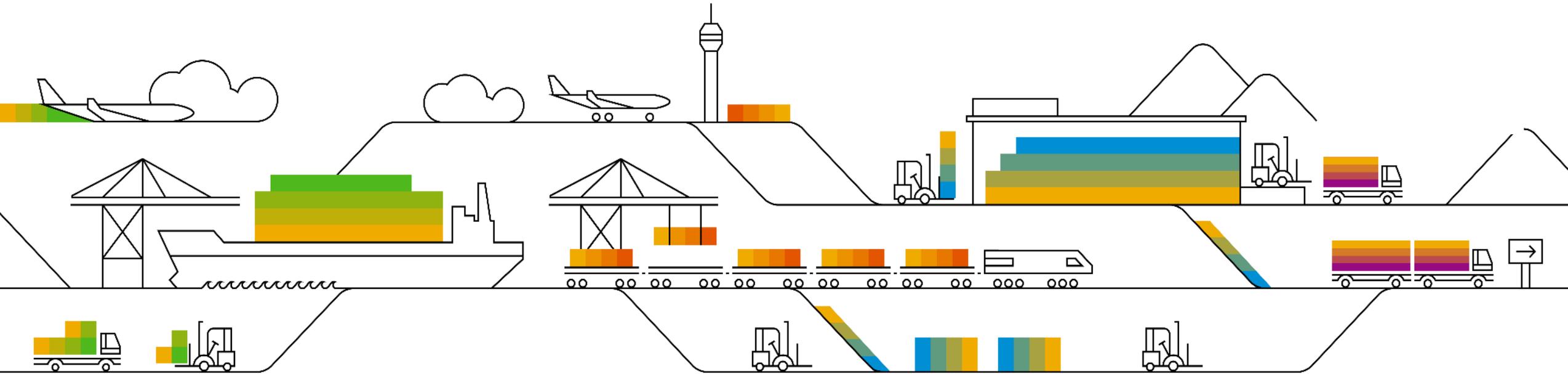
Agenda



- **Cloud Integration**
 - Script Collection Artifact
 - New Features of SFTP Adapter for Poll Enrich Step
 - Consuming Access Policies in Design Time
 - Other Updates
- **Process Orchestration and AIF**
 - PO 7.5 SP21 – Recent Innovations
 - Roadmap Updates
- **Integration Advisor**
- **Interact with integration blackbelt**



Cloud Integration



Script collection artifact

You can now create script collection artifacts that can contain supported script resources like Groovy script, JavaScript, and Jar (archive) files in it. Script collection comes with benefits like reusable script resources, reduced memory usage, ease of maintenance.

See [Developing Script and Script Collection](#).
[Blog Post](#)

New features of SFTP adapter for poll enrich step

Additional features are supported when connecting to an external component using the poll enrich step.

You can now dynamically configure the proxy type and authentication parameters.

See: [Configure the SFTP Sender Adapter Used with the Poll Enrich Step](#)

Consuming access policies in design time

As a tenant administrator, you can now apply access policies for the integration artifacts at design time. Earlier, you could only protect the business data created during the runtime execution of integration artifacts.

See

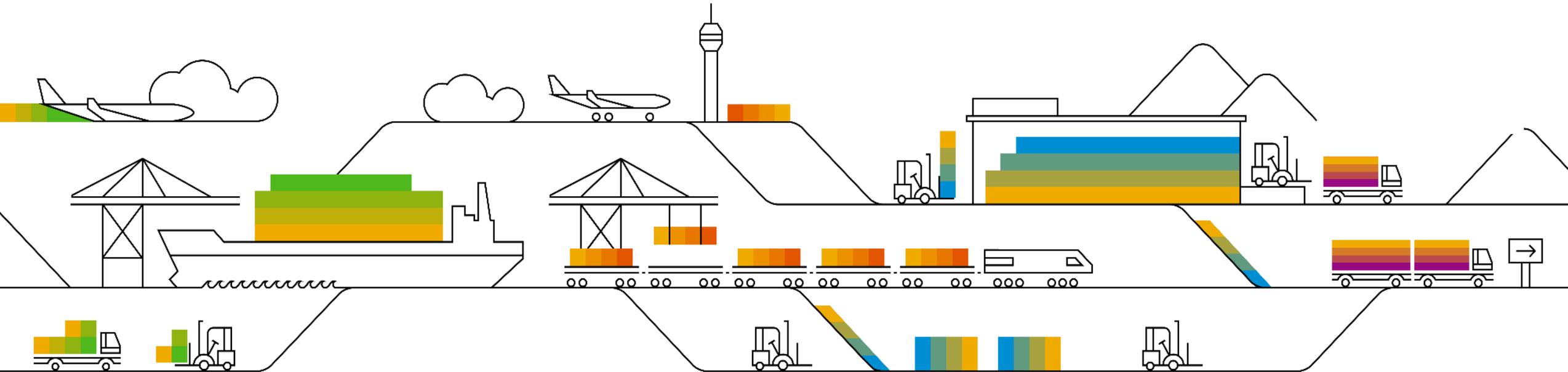
[Managing Access Policies, Cloud Foundry Environment](#)

[Managing Access Policies, Neo Environment](#)

Other updates

- You can now use JDBC receiver adapter to connect with HANA 2.0 database (DB) for Cloud Integration tenants hosted on Neo Environment. Existing users can upgrade their HANA DB from 1.0 to 2.0.
- To improve access to information, we're discontinuing to support all PDF guides, except for the feature scope description guide. The PDF guides will no longer be updated, and it will be deleted. Going forward we do not recommend using the existing PDFs.
- The idempotent repository resource of the message processing logs API has been deprecated and replaced by a new one. See: [Message Processing Logs](#)
- You can now list the request headers that must go from and the response headers that must come to the HTTP receiver adapter. See [HTTP Receiver Adapter](#).

Process Orchestration and AIF



Recent innovations with SAP Process Orchestration 7.5 SP21

PI test tool

- Improvements for preprocessing
- Support for the test tool running on SAP Process Integration dual-usage type systems
- Ability to hide integrated configuration objects that were automatically generated from an integration flow deployment

Cloud Integration runtime

- Update of Camel runtime and dependent open source components
- Update of flow steps and flow step versions

ESR perspective of NWDS

- Export RFC and IDoc schema definitions

REST adapter

- Receiver adapter supporting GET operation by keeping the message payload
- REST adapter supporting OAuth 2.0 mutual transport layer security (TLS) client authentication

See [release notes](#)

SAP Process Orchestration @ SAP Road Map Explorer*

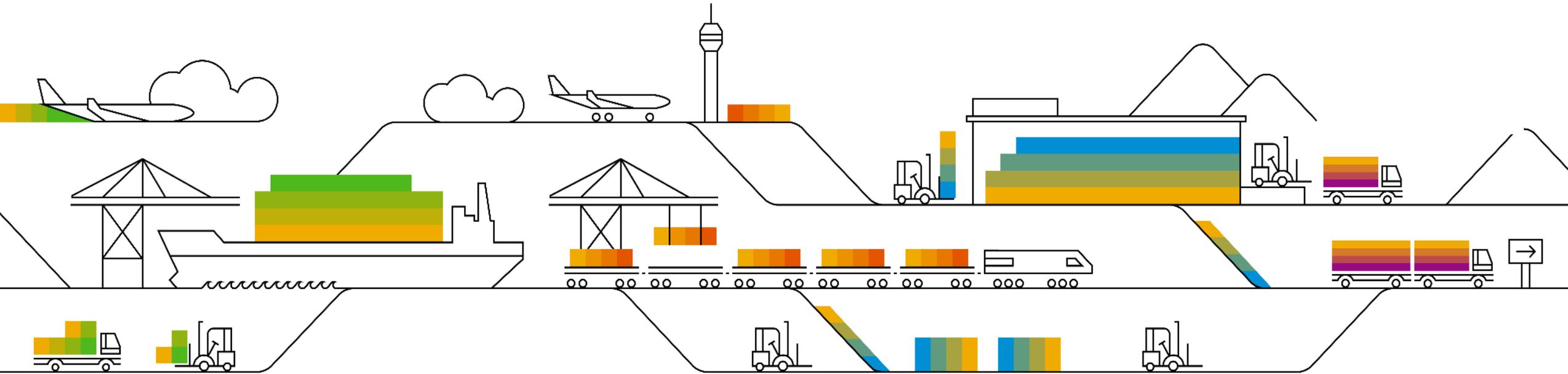
The screenshot displays the SAP Road Map Explorer interface. At the top, there is a navigation bar with the SAP logo, 'Road Map Explorer', and tabs for 'Products', 'Processes', 'Industries', 'My Road Maps', and 'Disclaimer'. Below this is a search bar containing 'SAP NetWeaver', 'SAP Process Int...', and 'Integration', with a search icon and '38 Innovations'. A secondary bar includes filters for 'Products', 'Industries', and 'Focus Topics', along with a date range 'Q2 2020 - Q1 2022' and a 'Save' button.

The main content area is a grid of innovation cards, organized by quarter:

- Q4 2020 (1 Innovation):**
 - Process Integration: Dynamic configuration of OData and the adapter for SAP SuccessFactors... (SAP Process Integration, connectivity add-on 2.0)
- Q1 2021 (10 Innovations):**
 - Business Process Management: Improved flexibility in the custom-task UI for SAP Business Process... (SAP NetWeaver 7.5)
 - Process Integration: Automated testing supporting negative messages in SAP Process... (SAP NetWeaver 7.5)
 - Process Integration: Consolidation of alerting error categories (SAP NetWeaver 7.5)
 - Process Integration: Improved "exactly once in order" (EOIO) sequence monitoring (SAP NetWeaver 7.5)
 - Process Integration: Regular updating of cloud integration content runtime with 7.5 support... (SAP NetWeaver 7.5)
 - Process Integration: Resend Web services reliable messaging with Web services securi... (SAP NetWeaver 7.5)
 - Process Integration: REST adapter supporting the http PATCH method on the sender... (SAP NetWeaver 7.5)
 - Process Integration: Save and keep time selection in the message overview monitor (SAP NetWeaver 7.5)
 - Process Integration: Security log enhancements for editing and copying messages (SAP NetWeaver 7.5)
 - Process Integration: XML data archiving service: compression of archived files (SAP NetWeaver 7.5)
- Q2 2021 (CURRENT 5 Innovations):**
 - Process Integration: Automated testing of message processing in SAP Process... (SAP NetWeaver 7.5)
 - Process Integration: Enterprise Services Repository enhancements for Eclipse – export ... (SAP NetWeaver 7.5)
 - Process Integration: Regular updating of cloud integration content runtime with release 7.5... (SAP NetWeaver 7.5)
 - Process Integration: REST adapter supporting GET operation with the message payload (SAP NetWeaver 7.5)
 - Process Integration: REST adapter supporting OAuth 2.0 mutual TLS authentication (SAP NetWeaver 7.5)
- Q3 2021 (6 Innovations):**
 - Future Release: Process-visibility service can consume business-process events o... (SAP NetWeaver)
 - Process Integration: Automated testing of message processing in SAP Process... (SAP NetWeaver)
 - Business-to-business (B2B) add-on enhancements with release 2.0 SP02 (SAP Process Integration, business-to-business add-on)
 - Process Integration: Improved search and where-used in process integration designer (SAP NetWeaver)
 - Process Integration: Regular updates to cloud integration content runtime with release 7.5... (SAP NetWeaver)
 - Process Integration: REST adapter supporting the JSON Web token profile for client... (SAP NetWeaver)
- Q4 2021 (0 Innovations):** (Empty column)
- Q1 2022 (7 Innovations):**
 - Future Release: Enterprise Services Repository enhancements for Eclipse – show... (SAP NetWeaver)
 - Future Release: Improved message monitoring at the service-operation level (SAP NetWeaver)
 - Future Release: Improved performance monitoring supporting additional aggregation... (SAP NetWeaver)
 - Future Release: Improved SFTP adapter polling behavior in case of high load in a... (SAP NetWeaver)
 - Future Release: Message restart job to restart messages that are in "hold" status... (SAP NetWeaver)
 - Future Release: REST adapter supporting OAuth 2.0 on the sender side (SAP NetWeaver)
 - Future Release: Supporting configuration scenarios in the process integration designer (SAP NetWeaver)

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Integration Advisor



Important new Features of Integration Advisor

Library News:

- Updated X12 type System
- Updated EDIFACT type Systems
- Odette
- Odette EDIFACT
- JAIF EDIFACT
- VDA EDIFACT

Migration of version for MIG

Activation of custom message type MIG for getting proposals
constant functions (e.g. current date, working day, ...)

Important new Features of Integration Advisor - Compound qualifier

Overview **Structure** Notes (4) MIG Codelists (1) Runtime Context Status

Structure Show Status Comments  

Node	Constraint	Car...	Pri...	Length
Order - Purchase Order Root Node		1..1		
OrderData - Order Data		1..1		
Party - Party Details (Buyer/Seller/Shipper)		1..1		
partyRole - Role Code of Party		1..1	Token	3..3
Address - Address - Delivery Address	DLVY DE FI	0..1		
AddressTypeCode - Type of Addr		0..1	Token	3..4
Street - Street Name and House N		1..1	String	0..35
PostalCode - Postal Code		1..1	String	5..5
City - City		1..1	String	0..35
CountryCode - ISO Country Code		1..1	String	2..6
Address - Address - Delivery Address	DLVY AT LU	0..1		
AddressTypeCode - Type of Addr		0..1	Token	3..4
Street - Street Name and House N		1..1	String	0..35
PostalCode - Postal Code		1..1	String	4..4
City - City		1..1	String	0..35
CountryCode - ISO Country Code		1..1	String	2..6
Address - Address - Invoice Address	INVC	0..1		
AddressTypeCode - Type of Addr		0..1	Token	3..4
Street - Street Name and House N		0..1	String	0..35
PostalCode - Postal Code		0..1	String	0..35

Order / Party / Address [./AddressTypeCode=DLVY][./CountryCode=DE | ...]

Details Notes (1) **Qualifier** Status

Qualifier Information

Qualified Node: Address

Qualifier Type: Group

Qualified By:./AddressTypeCode

Codelist Identifier: AddressTypeCode

Type System of Codelist: ICA Test

Qualifier Values: DLVY - Delivery Address

Qualified By:./CountryCode

Codelist Identifier: ISO_3166-1

Type System of Codelist: ICA Test

Qualifier Values: DE - Germany
FI - Finland

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.



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



Speakers



Guido Koopmann – SAP Solution Architect

15+ Years in SAP Integration

BTP Pioneer (Since 2013)

#IntelligentIntegration

“Creating healthy data flows with SAP Technology”



Igor Mitrovic – SAP Solution Architect

12+ Years in SAP Integration

BTP Pioneer (Since 2013)

#TheATeam

“If you have a problem, if no one else can help, and if you can find them....maybe you can hire The A-Team (Acorel Technology Team)”

Thank you.

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