SAP Cloud Platform Integration Suite
Monthly Updates – March 2020

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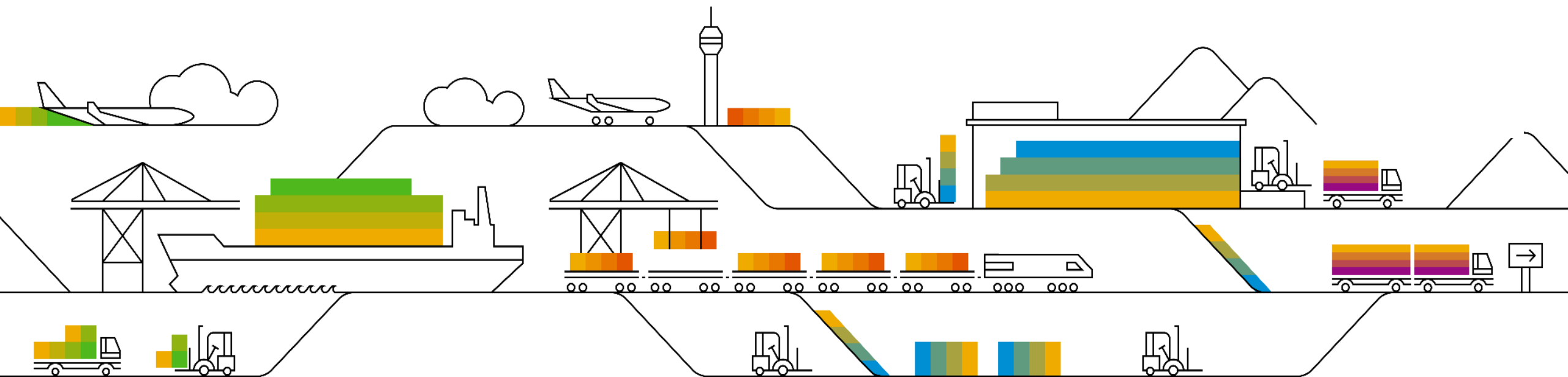
Agenda

- Cloud Integration

- Process Orchestration

- API Management & API Business Hub

- Monthly Webinar Revamp

- Q&A

Cloud Integration

Agenda

- Download & Upload of Message Mappings

- Testing an Integration Flow (Simulation)

- Integration Flow Design Guidelines and Patterns

Download & Upload of Message Mapping

- Support for upload & download of message mapping along with all its dependent resources in ZIP format

Demo

Testing an Integration Flow (Simulation)

Simulation feature allows integration developers and business experts to easily **test the integration flow or parts of it**, during the development without the need to deploy and trace explicitly.

Benefits:

- Helps integration developer to debug the configurations

- Option to provide simulation input or test data

- Allows the developer to simulate dependencies by providing mock simulation response

- Errors identified during the simulation are recorded along with recommendations to fix it.

Process of Running Simulation

1. Switch "on" the Simulation Mode
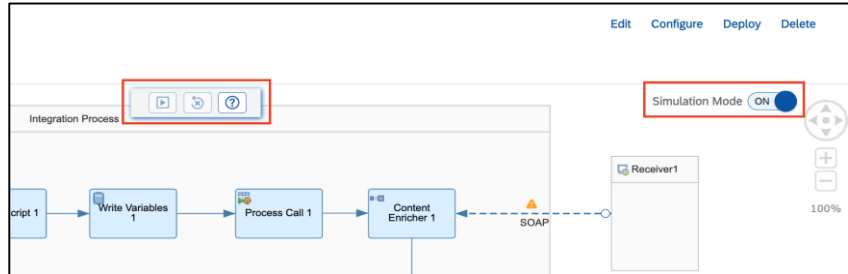
2. Define the Start point
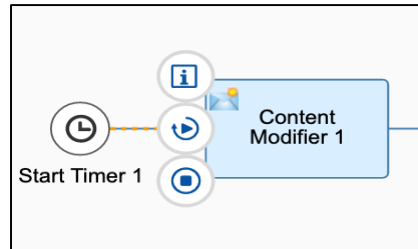
3. Define the End point
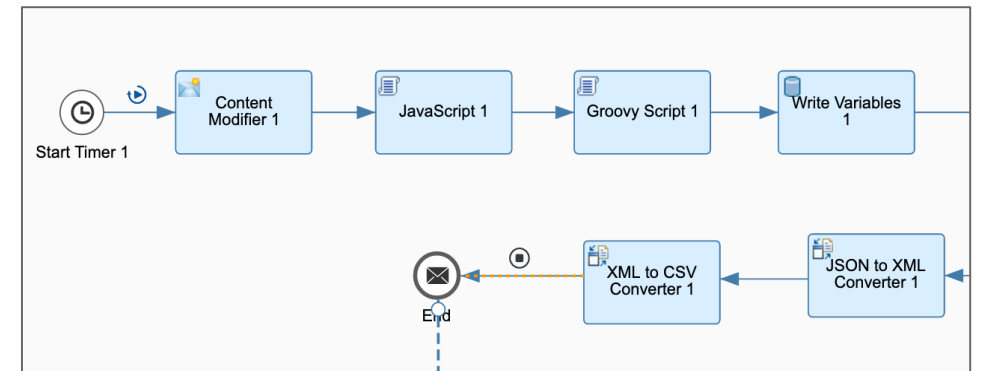
Process of Running Simulation

4. Provide test data

5. Run Simulation

Running simulation

Cancel

6. View Simulation Results

Next Steps

1. Extend support for these flow steps:

    - Aggregator

    - Splitters

    - Gather

    - Multicast

    - Looping process call

2. Upload test input from file system

3. Support of simulation in "Edit" mode

Demo

Integration flow design guidelines
New guidelines shipped in February

18

Integration flow design guidelines
New guidelines shipped in March

SAP SAP Cloud Platform Integration

Discover / Integration Flow Design Guidelines - Apply Highest Security Standards /

Integration Flow Design Guidelines - Apply Highest Security Standards

Copy

Overview   **Artifacts (8)**   Documents (3)   Tags   Ratings

Name	Type	Version	Actions
Apply Security - Disable DTDs Integration flow showing how you can disable DTDs, if you parse XML content in a script step	Integration Flow	1.0.0	↗
Apply Security - Encode Dynamic Parameters Integration flow showing how you can encode dynamic parameters before you use them in an OData query	Integration Flow	1.0.0	↗
Apply Security - Remove Sensitive Content Integration flow showing how you should remove sensitive content before you log it or forward it to an external system.	Integration Flow	1.0.0	↗
Apply Security - Use Client Certificate Authentication - Receiver Channel This Integration Flow shows how to configure client certificate authentication for HTTP adapter based receiver channels	Integration Flow	1.0.0	↗
Apply Security - Use Client Certificate Authentication - Sender Channel This Integration Flow shows how to configure client certificate authentication for HTTP adapter based sender channels	Integration Flow	1.0.0	↗
Apply Security - Use CSRF Protection - Receiver Channel This Integration Flow shows how you ensure CSRF protection for an HTTP receiver channel	Integration Flow	1.0.0	↗
Apply Security - Use CSRF Protection - Sender Channel This Integration Flow shows how you ensure CSRF protection for an HTTP sender channel	Integration Flow	1.0.0	↗

New

New

19

Enterprise Integration Patterns

[Blog series](#) comparing Enterprise Integration Patterns on **SAP Process Orchestration** vs. **SAP Cloud Platform Integration**

Technical Articles

Alexander Bundschuh SAP
January 31, 2020   6 minute read

## Enterprise Integration Patterns at SAP Cloud Platform Integration: Scatter-Gather

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SAP has recently published integration flow design guidelines and patterns for SAP Cloud Platform Integration that should help you to design the most common Enterprise Integration Patterns and to build enterprise-grade integration flows. The information is available on the SAP Help Portal. Furthermore, we provide sample integration content packages on the SAP API Business Hub. For more details, check out the announcement blog from a colleague of mine.

Regarding the patterns, while writing this blog I just noticed that Bhalchandra Wadekar had the same idea and actually has been started working on this great blog series Enterprise Integration Patterns in Cloud Platform Integration with the promise to blog about a new pattern every Sunday. Now, that we obviously worked on this in parallel, some of the patterns that are on his ToDo list have been already covered by us here. So, @Bhalchandra, you may tick off those patterns from your list, this will save you some Sundays. On the other side, might be interesting how you would model the patterns since there might be different ways to do it. I am also grateful for all your effort, a lot of patterns that were on our list have now been covered by you already, so this saves a lot of time on our end. And it is definitely an added value for the community.

Anyway, with this blog I would like to start a blog series covering some of the patterns that we have published so far. Our intention however is not only to show how those patterns can be implemented on SAP Cloud Platform Integration but also to compare with how we

Process Orchestration
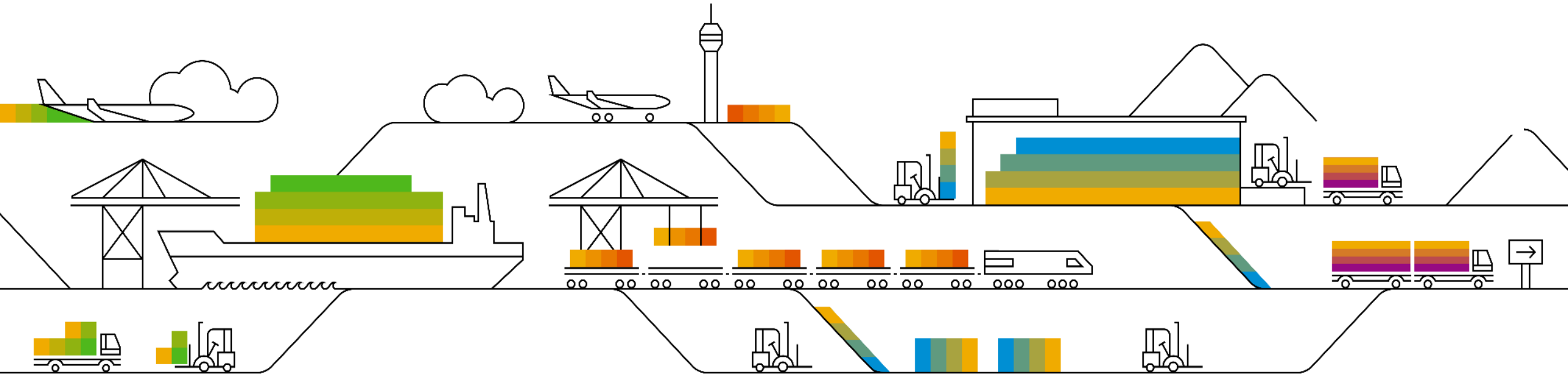
Agenda

- New features with 7.5 SP17

- Trial availability of SAP Process Orchestration

New features with 7.5 SP17

- Process Integration Test tool
  - Run configuration stored on server
  - Schedule test suites and test cases
  - Maintain test suites on SAP UI5 user interface
- ESR in NWDS
  - Editor for adapter metadata
  - Support packages for software component versions
- Query modeler in NWDS for SAP SuccessFactors and OData adapters

- REST adapter enhancements
  - supporting principal propagation
  - accepting HTTPS calls only
  - supporting HMAC authentication
- Cloud integration runtime
  - Support for JDBC receiver adapter and new configuration UI for JDBC data sources
  - Support for RFC receiver adapter
  - New monitor for JMS queues

See release notes

SAP Process Orchestration trial on SAP Cloud Appliance Library
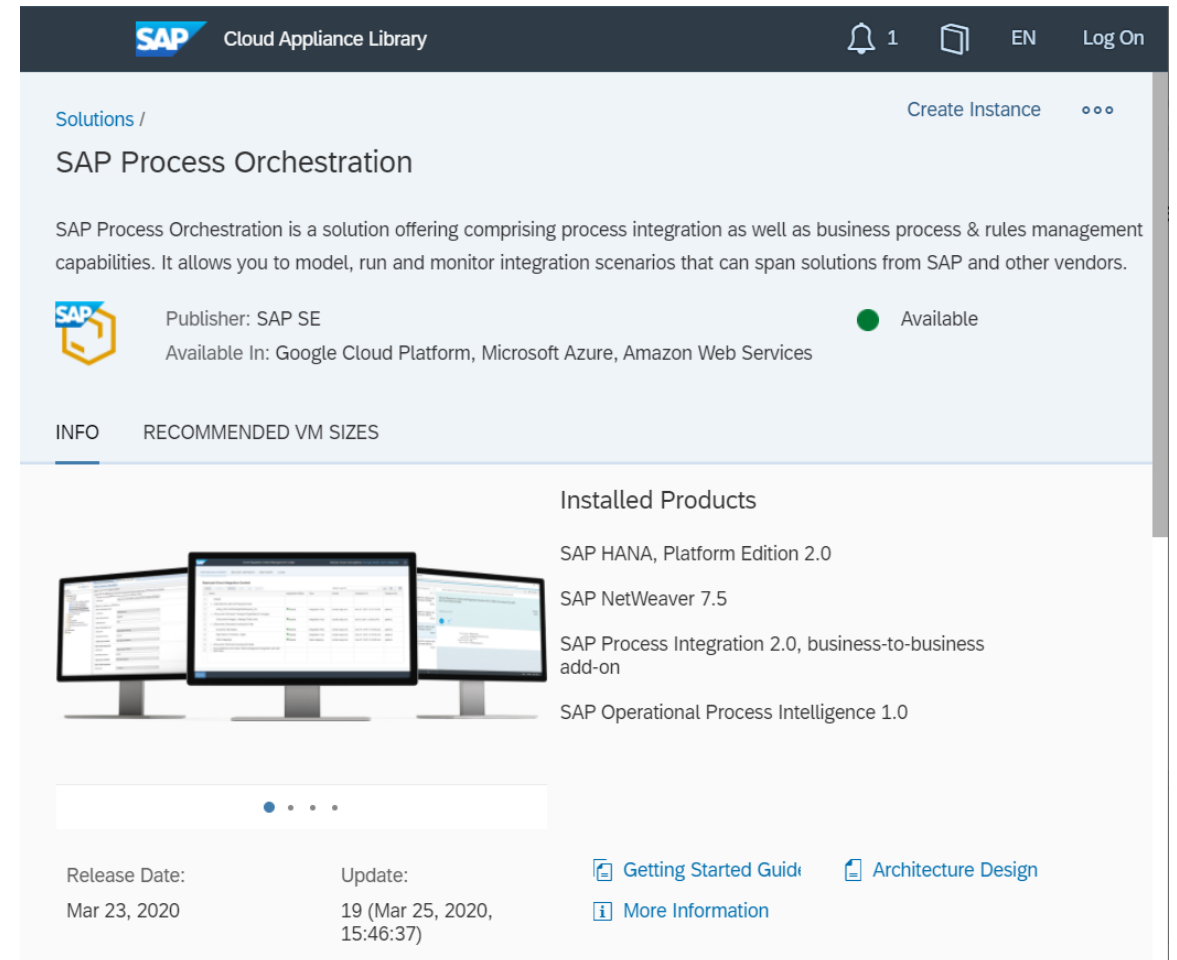
What's in?

- SAP Process Orchestration 7.5 SP16
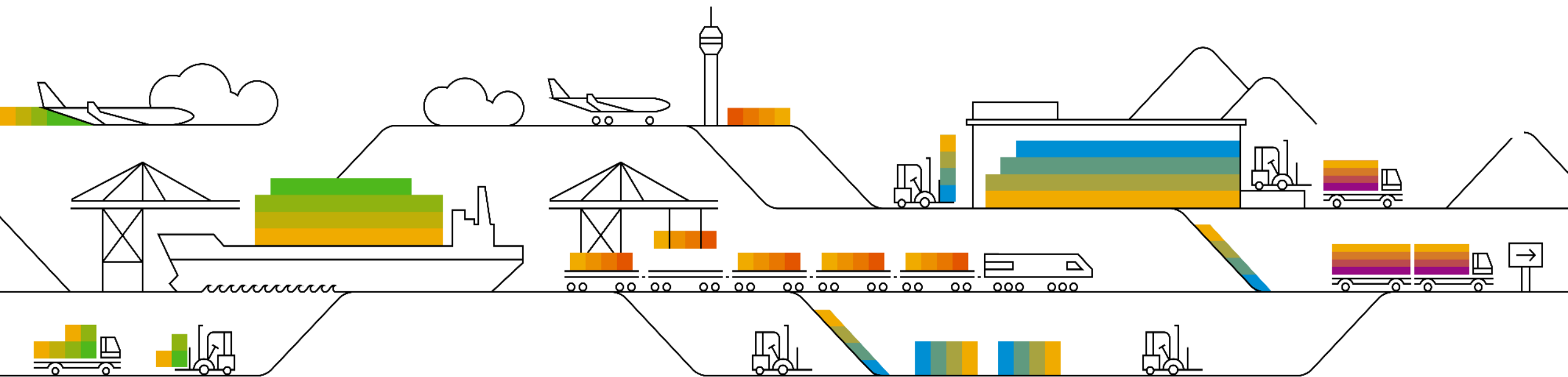- SAP Process Integration b2b add-on 2.0

Sample exercises

- B2B integration scenario: order to invoice
- Service composition scenario on built-in SAP Cloud Platform Integration runtime
- Process Integration Test tool use case

See [blog](#)

API Management

Agenda

Theme : Focus on API Management deployment in Cloud Foundry

- API Management (native) enablement on Hyperscalers – Timelines

- Adding Custom Roles that can be applied on Products

API Management (native) enablement on Hyperscalers – Timelines

Date	Region	Comments
< 10th Feb 2020	CF-EU20 / Azure EU NL	Available for customers
< 10th March 2020	CF-US20 / Azure US West	Available for customers
10th March 2020	CF-US21 / Azure US East	Available for customers
11th March 2020	CF-AP10 / AWS Sydney	Only on demand
14th March 2020	CF-BR10 / AWS Brazil	Only on demand
15th March 2020	CF-AP21 / Azure Singapore	Available for customers
15th March 2020	CF-JP20 / Azure Japan	Available for customers
22nd March 2020	CF-CA10 / AWS Canada	Only on demand
22nd March 2020	CF-JP10 / AWS Japan	Only on demand
31st March 2020	CF-CN40 / Ali Cloud	Available for customers
May 2020 (planned)	CF-EU10 / AWS Frankfurt	Available for customers
May 2020 (planned)	CF-US10 / AWS US East	Available for customers
May 2020 (planned)	CF-AP11 / AWS Singapore	Only on demand

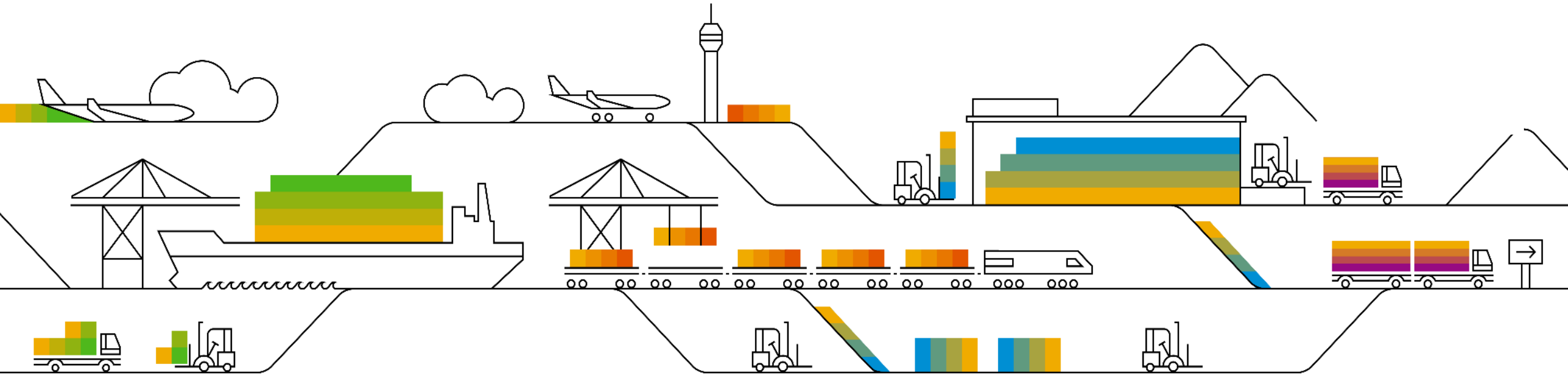# Adding Custom Roles that can be applied on Products

- While publishing Products, you can define Roles for developers who can
  - a) Access the Product
  - b) Subscribe and create Applications for the Product

- Follows Cloud Foundry Role Collection

Demo

Monthly Webinar Revamp

Monthly Webinar Revamp

1. Introducing a new section called "**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

2. Reducing to one occurrence per month

3. Time: 1 hour
   - 40 mins - Product Updates
   - 15 mins - Interact with Integration Blackbelt
   - 5 mins - Q&A

4. Recordings in SAP HANA Academy YouTube channel

Q&A

Thank you.

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