SAP Integration Suite
Monthly Updates – January 2022

Product Management Team & Guests, SAP Integration Suite

THE BEST RUN SAP

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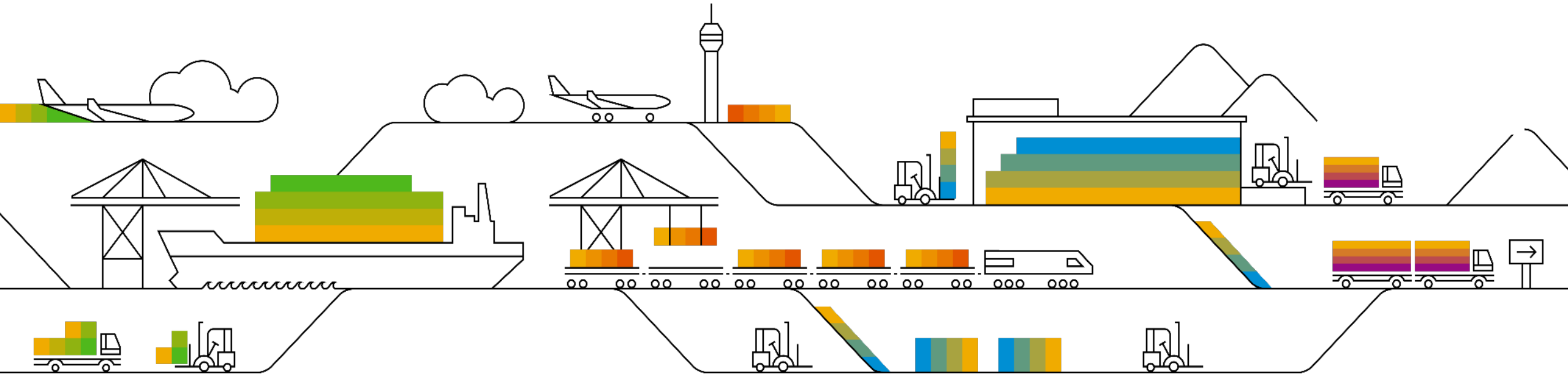
Agenda

- Cloud Integration OEM Adapters

- Cloud Integration

  - Generic Provider for OAuth2 Client Authorization Code

  - New Idempotent Process Call Step

  - Developing Adapters

  - Batch Mode and Operations in JDBC Receiver Adapter

  - Other Updates

- Process Orchestration & AIF

- #AskAnythingIntegration

Cloud Integration

Generic Provider for OAuth2 Client Authorization Code

Many web servers can use OAuth 2.0 for authorization purposes. If you use an OAuth2 Authorization Code, the authentication is done via a token service as an intermediary step.

The client can exchange the OAuth2 Authorization Code for an access token. Your user credentials are never shared with the client.

Now, You can use the Generic Provider for OAuth2 Client Authorization Code.

See: [Deploying an OAuth2 Client Authorization Code with Generic Provider](#)

New Idempotent Process Call Step

You can now execute an idempotent process call step to check if an incoming message was already processed, and skip the processing of this message.

The Idempotent Process Call is useful for modelling at-most-once or exactly-once handling in the integration flow.

Message IDs stored in the idempotent repository are deleted by default after 90 days. After this period, message IDs that have already been stored in the database can no longer be detected as duplicates during a new processing.

See Define Idempotent Process Call
Blog Post

Developing Adapters

It is now recommended to develop adapters using Maven archetype instead of Eclipse.

See: [Develop Adapters Using Archetype](#)

Batch Mode and Operations in JDBC Receiver Adapter

You can now perform batch operations like modifying multiple documents in one transaction using JDBC Receiver Adapter

See: JDBC Receiver Adapter

Other Updates

- AMQP sender adapter comes with a new parameter that allows you to consume expired messages.
See: Configure the AMQP Sender Adapter

- Messages processed by modified standard SAP-to-SAP integration content (from SAP API Business Hub) are now charged according to the official metric. For more information, see SAP Note 2942344

- You now have an option to ignore the HTTP failure responses from remote server and proceed with the message processing. Earlier, by default, when there were HTTP failure responses, the message processing failed too. See: HTTP Receiver Adapter.

- You can now use Transport Layer Security (TLS) 1.3 protocol for outbound communication.
See Connectivity Options and Communication Security

- You can now unfold long headers in the MIME encoder to comply to the mail protocol. See: Define a MIME Multipart Encoder.

Other Updates

- Enhanced OData API to Get Build and Deploy Status of Integration Artifact. You can now get the build and deploy status of an integration artifact. This status indicates the deployment status of an artifact triggered for deployment. See: Integration Content, Get Runtime Status of Deployed Integration Flow

- New guidelines have been added for versioning a custom adapter. This versioning feature is available from ADK version 1.38.0.See: Versioning Rules for Custom Adapters

- We introduced new optional parameters for Data Archiving*:
  ClientCompression, ResponseCompression, CookiesForAuthentication, ConnectTimeout, ReadTimeout
  See: Configuring Destination

- During undeployment of an artifact, the artifact is not anymore immediately removed from the artifact list. Instead of this, the artifact is still shown, but its status changes to Stopping**. See: Runtime Status

*Cloud Foundry environment only

** Neo environment only

Process Orchestration and AIF
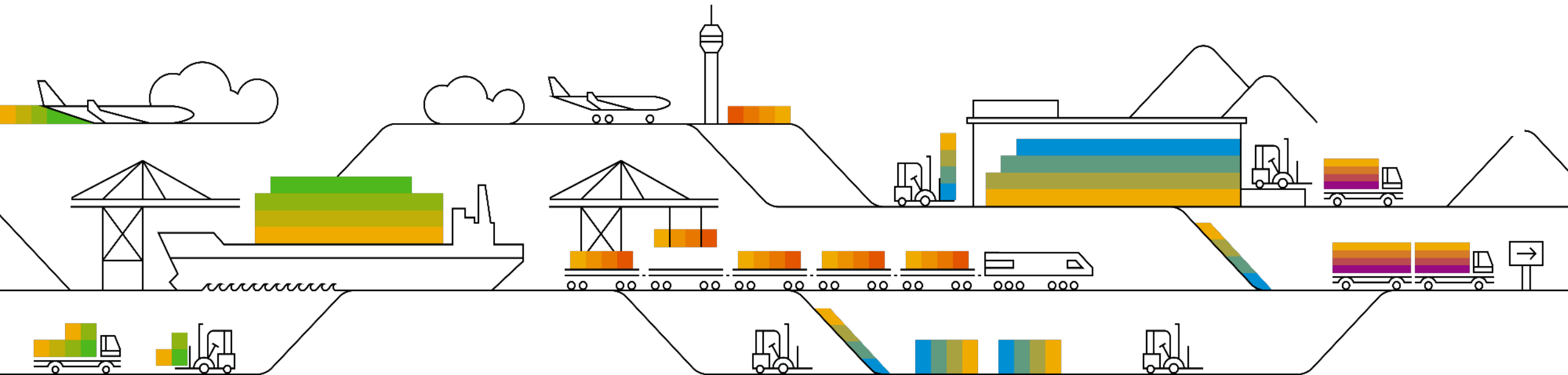
SAP Application Interface Framework in the [SAP S/4HANA Fully-Activated Appliance](#) on SAP Cloud Appliance Library

- Use the appliance as trial & demo system

- Pre-configured demo scenarios:
  - Create flight customer IDoc scenario (monitoring only)
  - Create flight booking IDoc scenario (monitoring only)
  - Create business partners via file upload incl. value mapping and custom checks

- The appliance has been prepared to support the following interoperability scenarios with the SAP Business Technology Platform:
  - Sending AIF alerts to SAP Alert Notification service
  - Error forwarding from SAP Cloud Integration

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
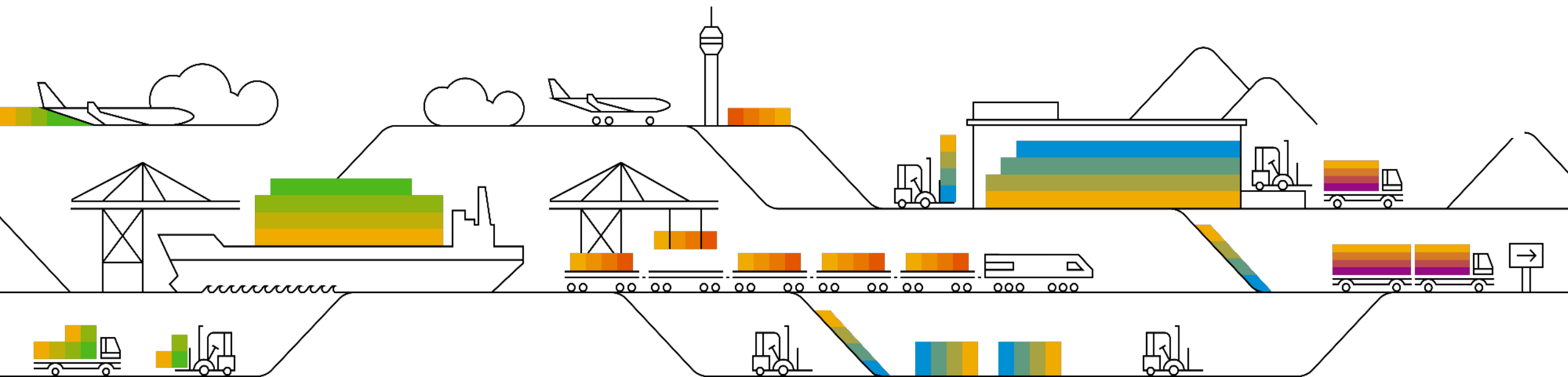
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