SAP Integration Suite
Monthly Updates – November 2022

Product Management Team & Guests, SAP Integration Suite

THE BEST RUN **SAP**

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Agenda

- Cloud Integration – Sunny

- New DC Mission: Synchronize Account Data Between SAP S/4HANA and Third-Party CRM - Swati

Cloud Integration
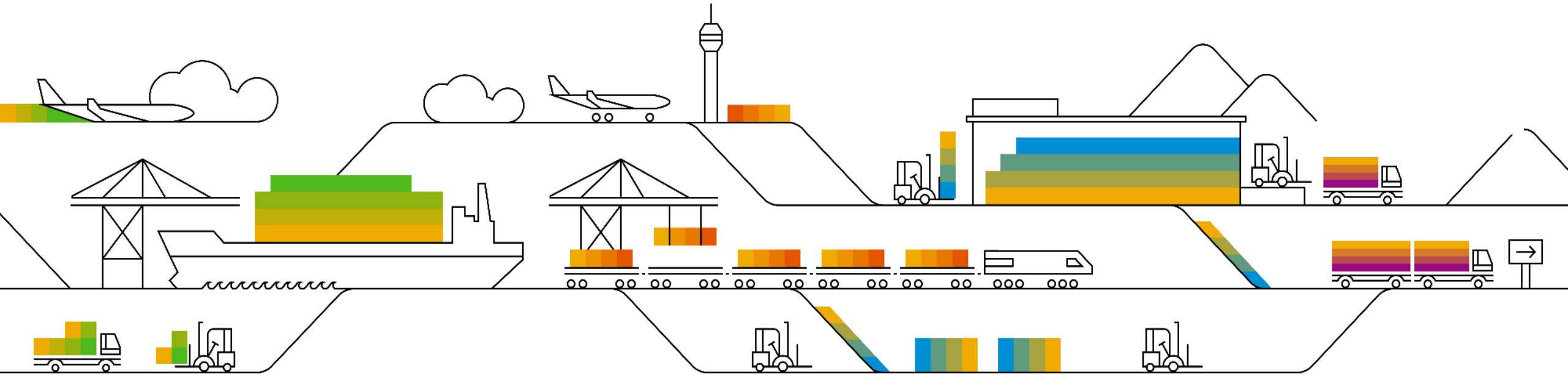
SOAP (SOAP 1.x) Receiver Adapter Enhancements

- You can now activate the keep-alive functionality to signal to the server that the connection should remain open even after the initial request/response sequence.

- You can now select OAuth 2.0 SAML Bearer Assertion Grant as an authentication option for SOAP (SOAP 1.x) Receiver Adapter when connecting to target system type SuccessFactors. This authentication method can only be used with **Target System Type** SuccessFactors and **User ID** Key Pair Common Name (CN).

See: Configure the SOAP (SOAP 1.x) Receiver Adapter

Dynamically assign message-mapping artifacts to message-mapping flow step

You can now dynamically assign message mapping artifacts using a header or property, or via a partner directory. This way, you can execute different message mappings from a single integration flow.

This is available from version 1.3 and onwards of the message mapping flow step.

See: Creating Message Mapping As A Flow Step

Handle Invalid XML Characters in XML Modifier

You can now configure how to handle invalid XML characters in the XML Modifier step.

With this, you can now handle XML documents containing characters that are not valid in XML version 1.0/1.1. Depending on the XML version of the source message, the adapter checks the characters against the respective range allowed.

You can choose between the following options:
- **None**: No removal or substitution of invalid XML characters.
- **Remove**: Invalid characters are removed.
- **Substitute**: Invalid characters are substituted by #.

See: Define XML Modifier

Improvements for OAuth2 Client Credentials Artifact

New fields are introduced to leverage shared secret between services.

The following two improvements are addressed:
1. To pass form-urlencoded content type scope is enabled.
2. There is an option now to add custom key-value pair i.e. OAuth resource and audience info.

See: [Deploying an OAuth2 Client Credentials Artifact](#)

TLS Connectivity Tests: Option to Add Root Certificate to Keystore

During a TLS connectivity test, you can now add a root certificate directly to the keystore.

Only available if the root certificate is part of the certificate chain. If the server doesn't return the root certificate during the test call, the user needs to provide a fitting root certificate manually.

See: TLS Connectivity Tests

Other Updates

- On configuring AS2 receiver channel for the **Request-Reply** integration flow element, the AS2 receiver adapter version 1.8 and above will set the exchange header **Sap_AS2MessageID** with originalMessageID.
  See: Configure the AS2 Receiver Adapter

- Client Certificate is now available as an authentication type from version 1.10 and onwards of the OData V4 receiver adapter.
  See: Configure the OData V4 Receiver Adapter

- A new entry **ExecutedMapping** is added to the message processing log that indicates which message mapping artifact was executed.
  See: Message Processing Log - Text View

- Support for a public API to publish the status of the connection to integration flow monitoring for ADK sender integration adapters.
  See: Enabling Connection Status for Integration Flow

Other Updates

- You can now use up to 4096 characters for your secure parameter in Cloud Foundry.
  See: Deploying a Secure Parameter Artifact

- There were issues with Content Enricher where it was enriching the content of an original message with unexpected content that wasn't defined as part of the content enrich strategy. The issue is fixed with the 1.2 version of Content Enricher.

- There's a new tutorial available on **developers.sap.com** describing how to set up inbound authentication for API clients calling the Cloud Integration OData API.
  See: Tutorial: Set Up Inbound OAuth Client Credentials Grant Authentication for API Clients with SAP-Generated Certificate

New Discovery Center Mission
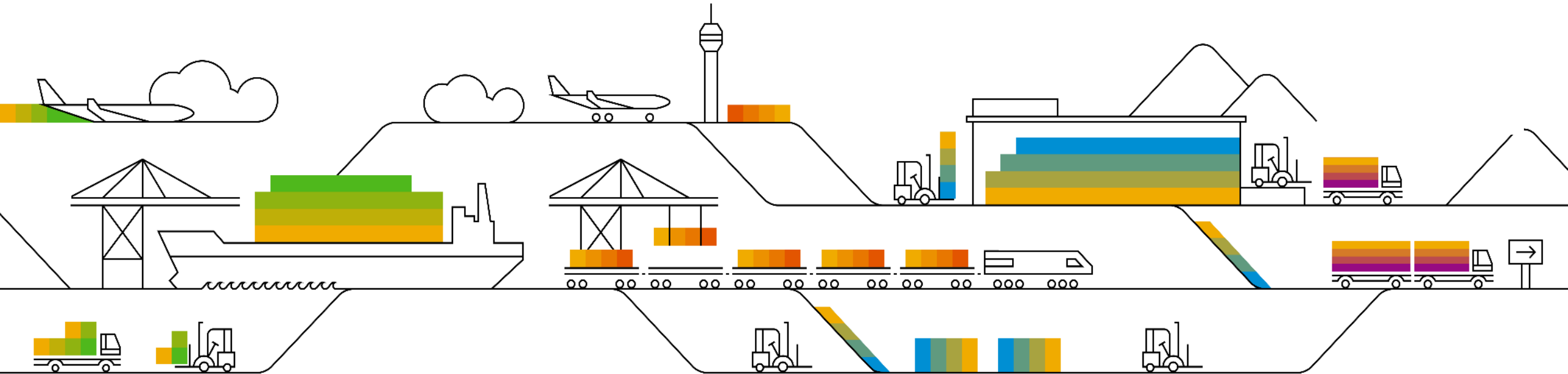
SAP Missions with Discovery Center

What

Why

Synchronize Account Data Between SAP S/4HANA and Third-Party CRM : Link.

Q & A

Thank you.

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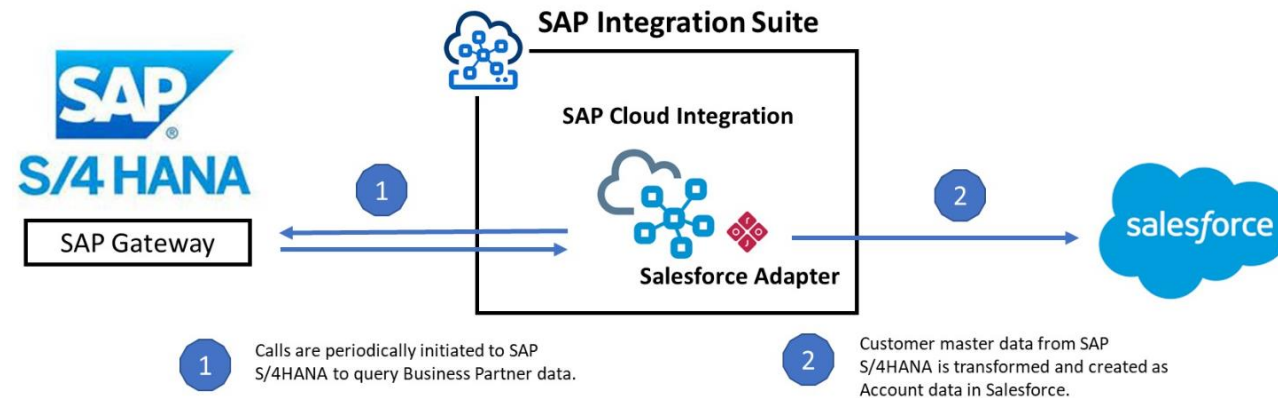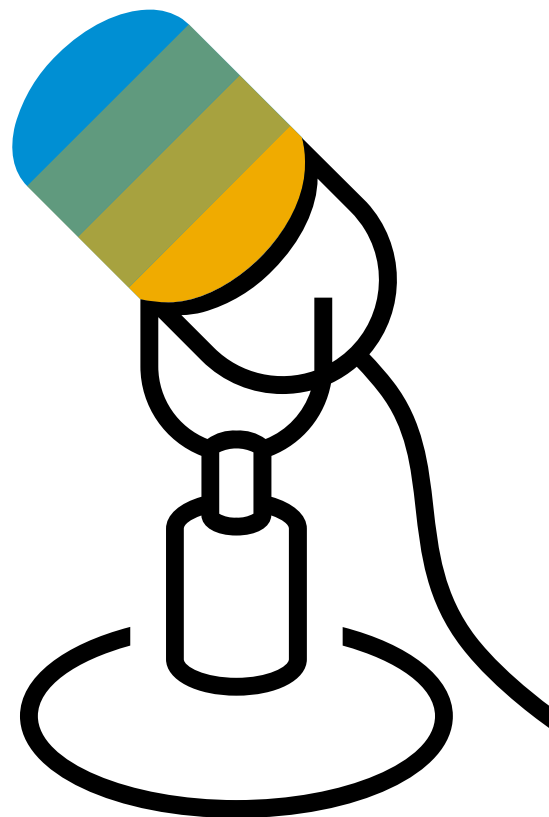
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