

# SAP Integration Suite

## Monthly Updates – March 2021

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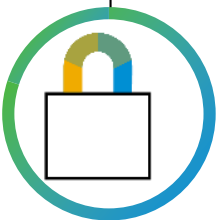
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# Agenda



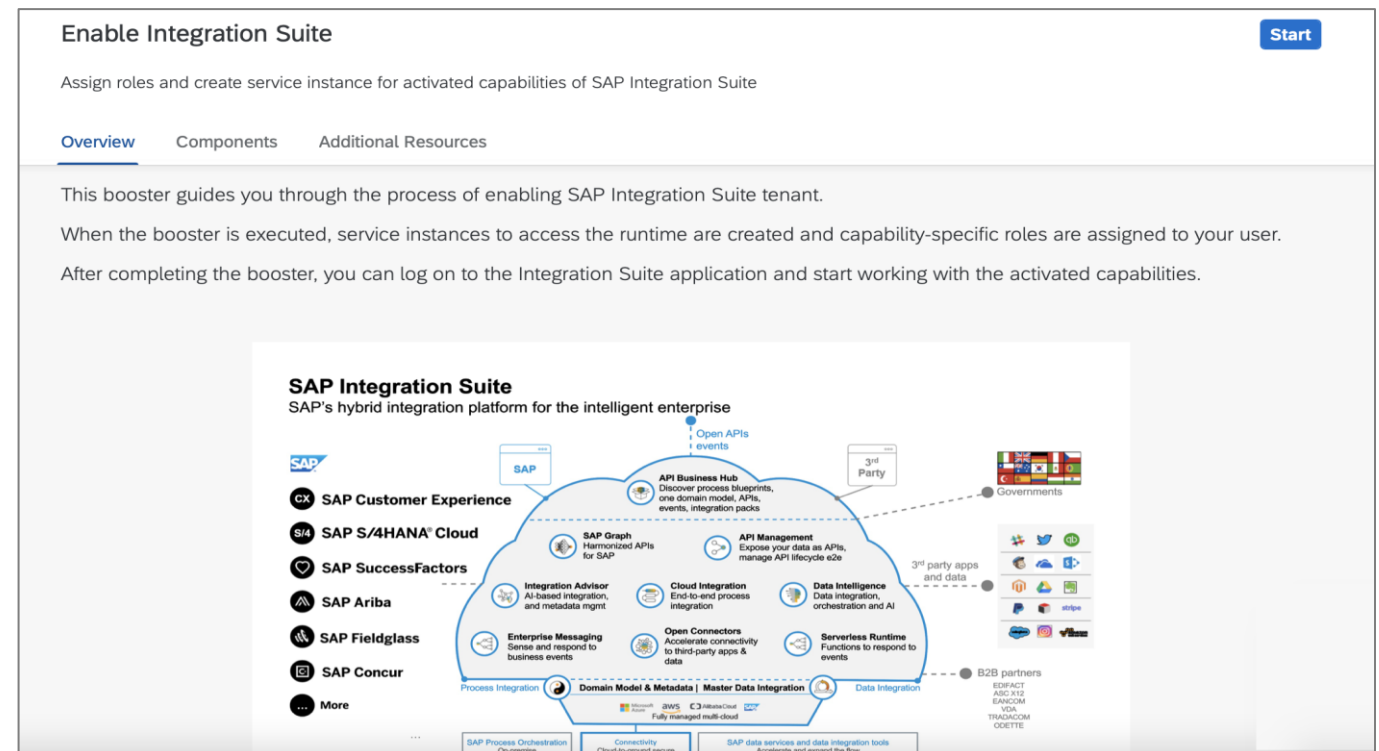
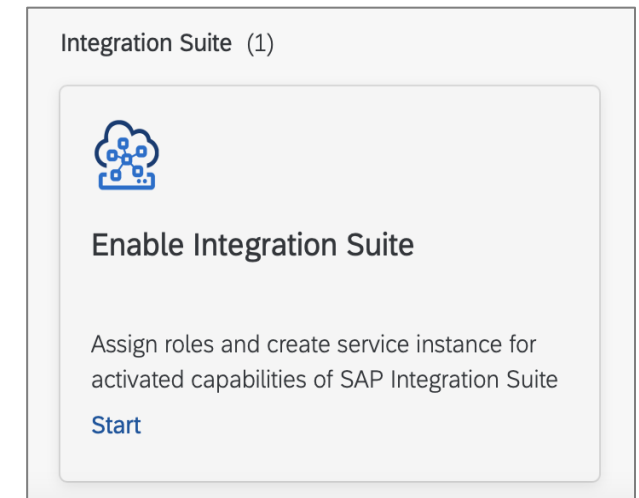
- Product Updates
  - Integration Suite “Booster” for Trial
  - Kafka Adapter
  - “New” Integration Flow Guidelines
  - Enhancements in PO 7.5 SP20
  - Updates in AIF in S/4



# Integration Suite “Booster” for Trial

A **Booster** is a set of guided and interactive steps that enable you to select, configure, and consume services on SAP BTP to achieve a specific technical goal.

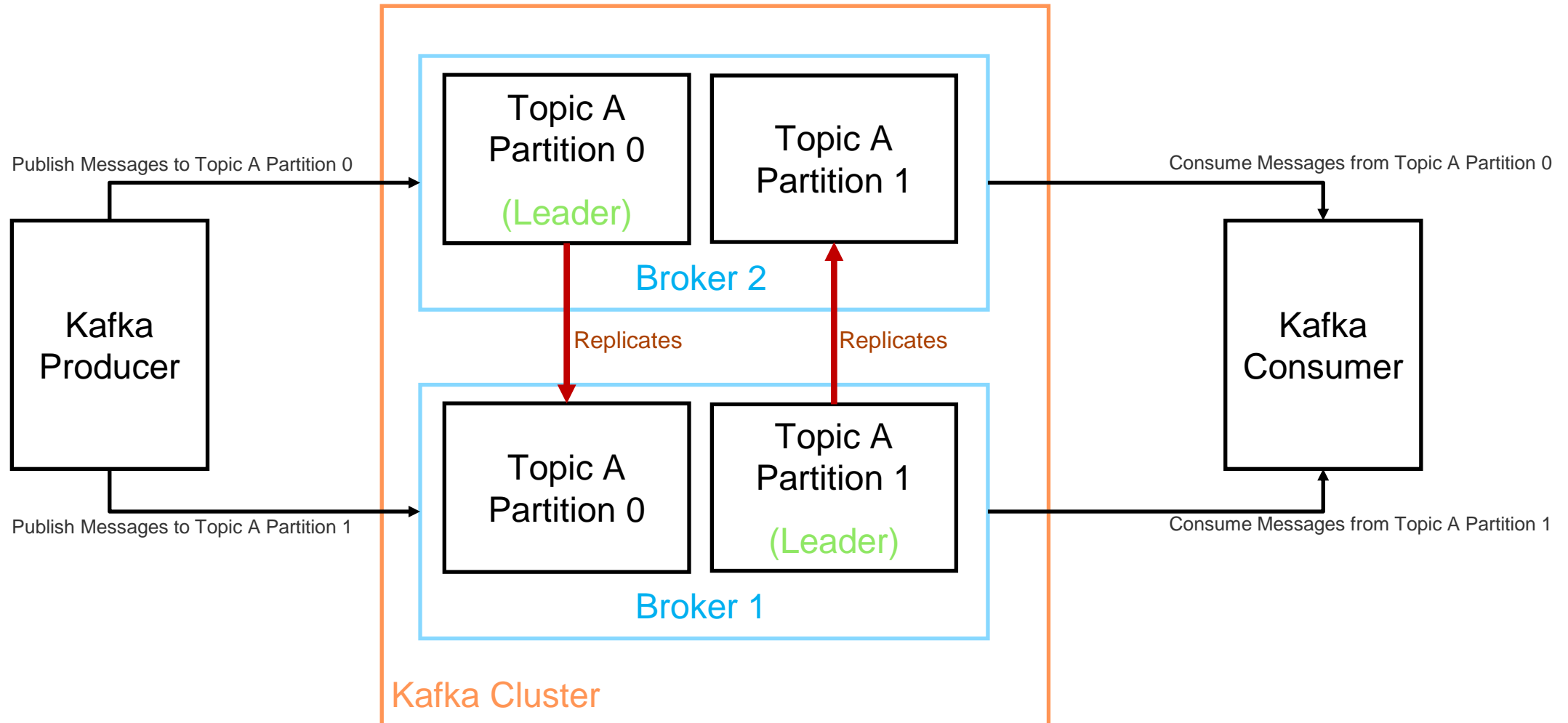
“Enable Integration Suite” booster will help automate assigning roles for activated capabilities and creating service instance/key for Cloud Integration.





**Demo**

# Kafka Adapter- What is Kafka



# Kafka Adapter- Today and Tomorrow

- Current State
  - Inbound and Outbound Adapter
  - Available in CF (2101)
- Next Steps
  - Add Connection Test
  - Provisioning of Kafka Adapter in NEO (2103)
- Kafka Adapter Blog Available
  - <https://blogs.sap.com/2021/03/16/cloud-integration-what-you-need-to-know-about-the-kafka-adapter/>

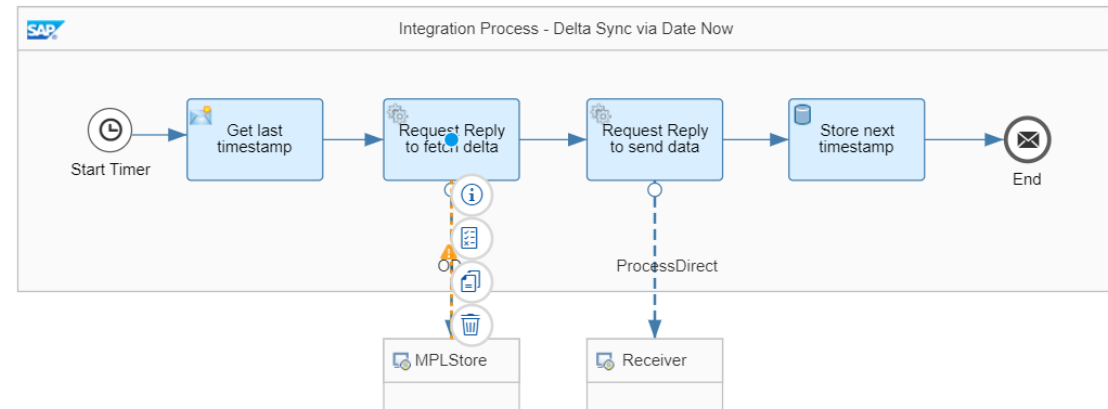


**Demo**

# Latest Integration Flow Design Guidelines

New guidelines published in Feb/March 2021

- Error handling: Extend integration flow with exception subprocess (end event vs. error end event vs. escalation end event)
- Learn the basics: Modify content – when to use what
- Learn the basics: Delta synchronization



OData Externalize

General Connection Processing

PROCESSING DETAILS

Operation Details: \* Query (GET) ▼

Resource Path: \* MessageProcessingLogs Select

Query Options: `$select=MessageGuid, Status, LogStart&$filter=LogStart gt datetime'{property.lastSync}' and LogStart lt datetime'{property.dateNow}'` Preview

# New features shipped with SAP Process Orchestration 7.5 SP20

- Cloud integration runtime enhancements
  - FTP adapter support
  - Mail adapter supporting OAuth 2.0
  - JSON mapping in message mapping
  - New message status Cancelled and Discarded
- Test tool enhancements
  - Negative tests (test with error messages)
  - Message preprocessing
- REST adapter
  - PATCH method on sender side
  - Update of Apache http library
- Message monitoring improvements
  - Keep last selected time period
  - Security log entries in case of copy and edit of messages
  - Improved EOIO sequence monitor
- XML data archiving supporting compression
- Resend Web Services reliable messaging with WS-security applied

See [release notes](#)

# New features shipped with Connectivity Add-on 2.0

- Availability of the OData adapter on the sender's side as a polling adapter
- Dynamic setup of the OData resource path
- Batch processing in the adapter for SAP SuccessFactors solutions
- Support for adapter-specific message attributes
- Sending of dynamic HTTP headers
- Channel-level configuration of connection timeout parameters
- Channel-level HTTP traces
- OData metadata caching
- Extended scope of dynamically evaluated dates

See [blog](#)

The image displays three screenshots from the SAP Connectivity Add-on 2.0 configuration environment.

The top screenshot shows the 'Message Mapping Definition' for 'MM\_QueryResourcePath'. It features two tree views for 'ns0:QueryStringOptions'. The left tree shows a hierarchy with 'ns0:top', 'ns0:skip', 'ns0:filter', 'ns0:custom', and 'ns0:resourcePath'. The right tree shows a similar structure but with 'resource' selected under 'ns0:top'. Below the trees, an 'Expression' diagram shows a flow from two constant inputs ('http://...' and 'resourc...') through a 'getASMA' function to a '\*resource' output.

The bottom-left screenshot shows the 'OData\_Receiver' configuration window. The 'General' tab is active, displaying 'Operation:\*' as 'QUERY', 'Resource Path:\*' as 'dummy', 'Payload Format' as 'Atom', and 'Page Size:\*' as '200'. The 'Adapter-Specific Message Attributes' section is visible at the bottom.

The bottom-right screenshot shows the 'OData\_Receiver' configuration window with the 'Advanced' tab selected. The 'Adapter Status' is 'Active'. A red box highlights the 'Use Additional Settings' checkbox, which is checked. Below it, a table lists additional settings:

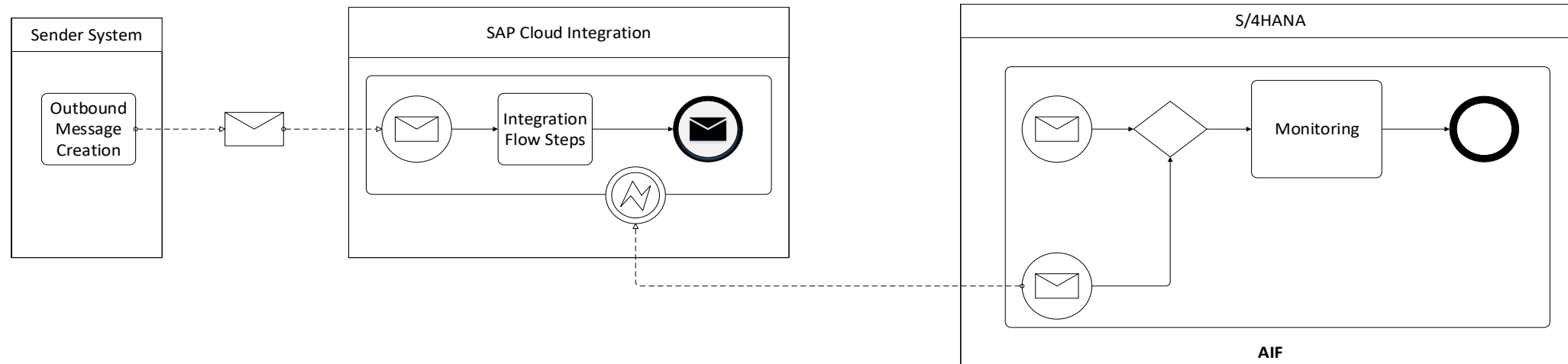
Name	Value
dynamicQuery	true

An 'Add' button is visible to the right of the table.

# New SAP Application Interface Framework features in SAP S/4HANA Cloud

## SAP S/4HANA Cloud 2102

- Pull technical error information from SAP Cloud Integration into AIF



# New SAP Application Interface Framework features in SAP S/4HANA

## SAP S/4HANA 2020 FP1

- Fiori UI: Navigate to application from key fields
- Fiori UI: Set process status and comments

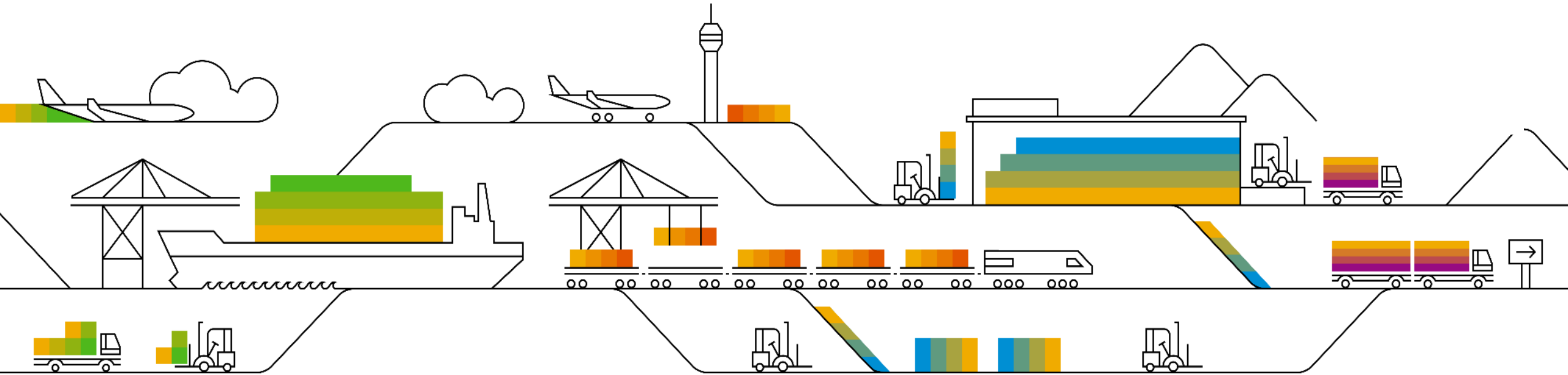
The screenshot displays the SAP Message Monitoring Fiori UI. At the top, there's a header bar with the SAP logo and 'Message Monitoring' title. Below it, a search bar and user profile icon are visible. The main area contains a list of messages with columns for Status, Processing Date, Message ID, Log Messages, Ref. Transactn, Ref. Document, and Refer. The messages are filtered by 'Error' status. Two pop-up windows are overlaid on the list:

- Set Process Information (Left):** This window allows selecting a process status. The 'Set Process Status:' dropdown is set to 'In Process'. Below it, a list of options is shown: '<Keep Existing Values>', 'In Process' (highlighted), 'Blocked', and 'Completed'. 'Save' and 'Cancel' buttons are at the bottom.
- Set Process Information (Right):** This window allows adding comments. The 'Set Process Status:' dropdown is also set to 'In Process'. Below it, a text area for 'Comments:' contains the text 'will work on fixing this issue'. 'Save' and 'Cancel' buttons are at the bottom.

The background table shows the following data:

Status	Processing Date	Message ID	Log Messages	Ref. Transactn	Ref. Document	Refer.
Error	27.11.2020, 11:22:04	0894EF4591011EDB8C934CA3F5F06B0D	Interval 01/Subobject CF14 To Year 2020 does no	BKPF	0100000066	CF142
Error	27.11.2020, 10:55:22	0894EF4577391EEB8C92D532B4D69ECE	Assignment not found for source order 00000100	AUAK	0000025502	
Error	27.11.2020, 10:51:24	0894EF4591011EDB8C92C388C7F808F0	Assignment not found for source order 00000100	MKPF	5000038599	2020
Error	27.11.2020, 10:51:06					
Error	27.11.2020, 07:53:14					
Error	26.11.2020, 13:16:31					
Error	26.11.2020, 13:12:08					
Error	26.11.2020, 13:00:28					
Error	26.11.2020, 12:48:50					
Error	26.11.2020, 12:47:09					
Error	26.11.2020, 12:26:18					
Error	26.11.2020, 12:25:05					
Error	26.11.2020, 12:13:18					

# Interact with #IntegrationBlackBelt



# Speaker



Daniel Graversen is the founder of Figaf and an SAP Mentor.

He has been working with integration for 17 years and has been creating a number of different tools to simplify SAP Integration.



# 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
- 20 mins slot
- Interested to present? Reach out to [finny.babu@sap.com](mailto:finny.babu@sap.com)



# Q&A

**Thank you.**

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