

SAP Community Call

For SAP Cloud ALM Experts

SAP SE
April 2022

PUBLIC

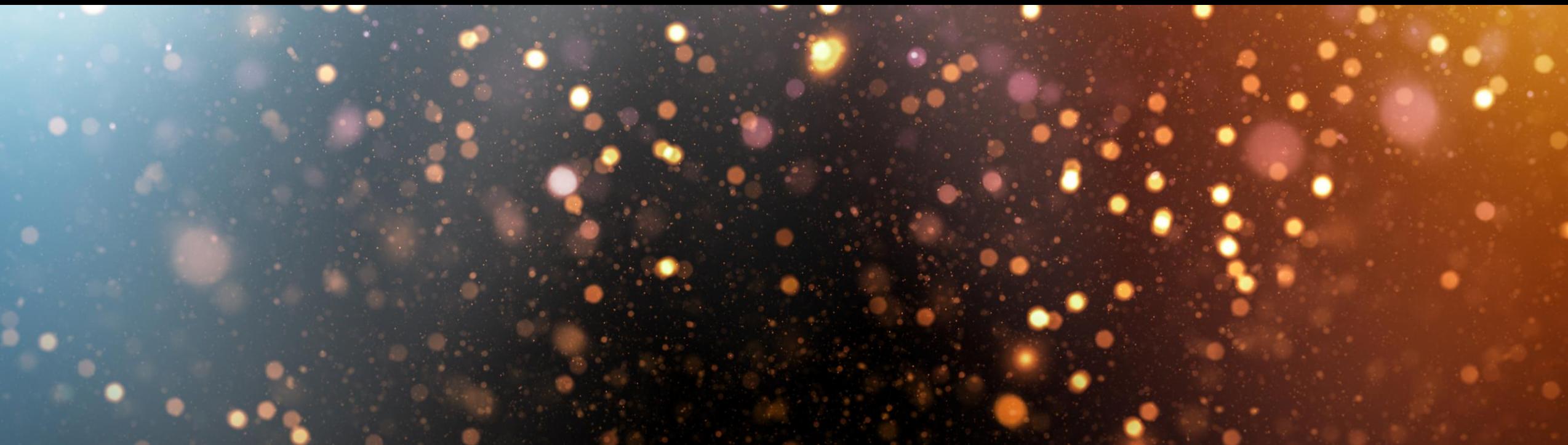
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Welcome



SAP Community Call for SAP Cloud ALM Experts | Agenda for **April 6, 2022**

Focus topic: SAP Cloud ALM for Operations

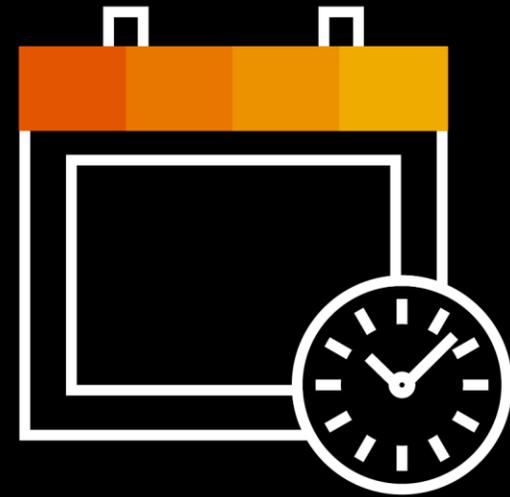
Welcome & about this call

Integration & Exception Monitoring

We ask, you answer | Menti

Additional Information

You ask, we answer | Q&A



Speakers



Tonja Kehrer



Markus Bechler



Olivier Montabert



Tim Steuer



Stefan Lahr

About this Call

WHY Build up expert knowledge, share experiences, ask questions

WHEN Monthly webinar series about SAP Cloud ALM

WHAT Concepts, live demos, alternating focus on implementation and operations

WHO Beginners, Experts and anyone interested in SAP Cloud ALM



Integration & Exception **Monitoring**



Agenda

Overview

- Integration Monitoring
- Exception Monitoring

Architecture

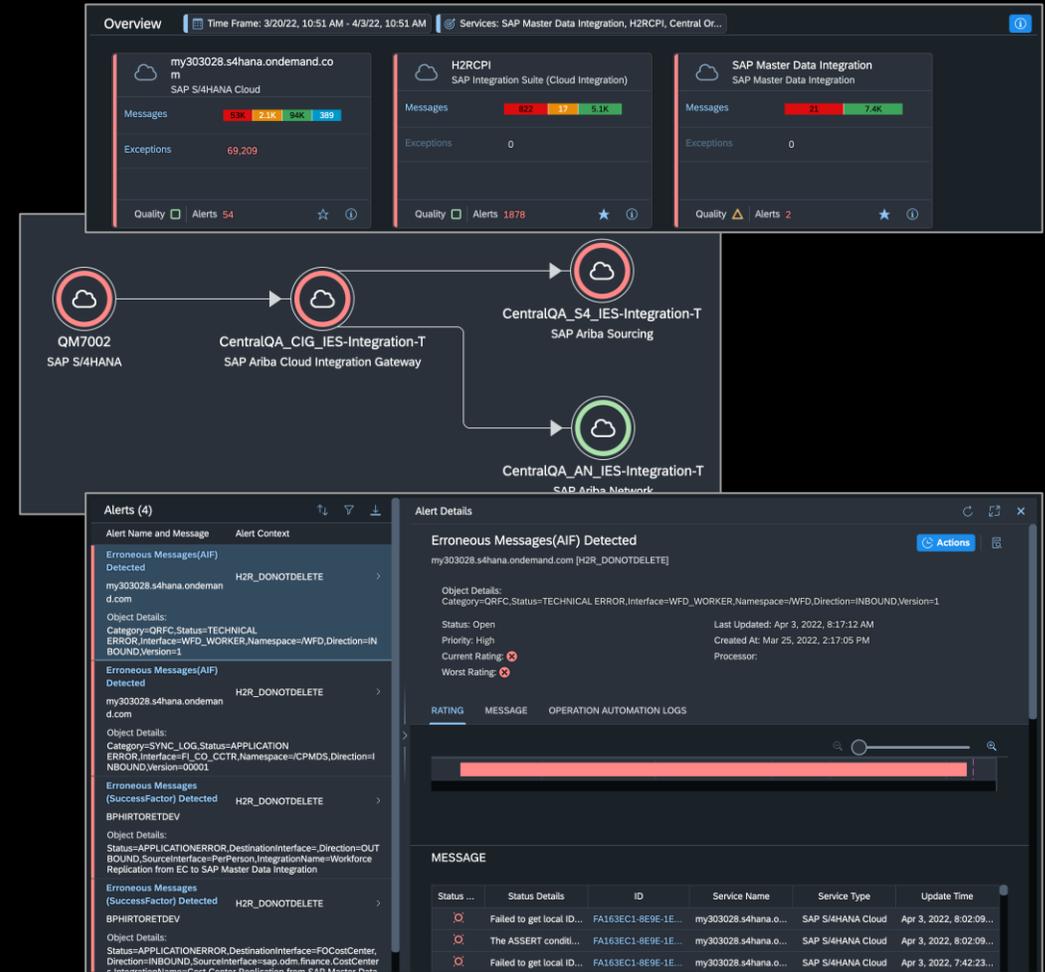
- Data Collection (Push vs. Pull)
- How to configure a cloud service
 - SAP Integration Suite (Cloud Integration) - PULL
 - SAP SuccessFactors Employee Central - PUSH

Application Demo

- Integration Monitoring
- Exception Monitoring

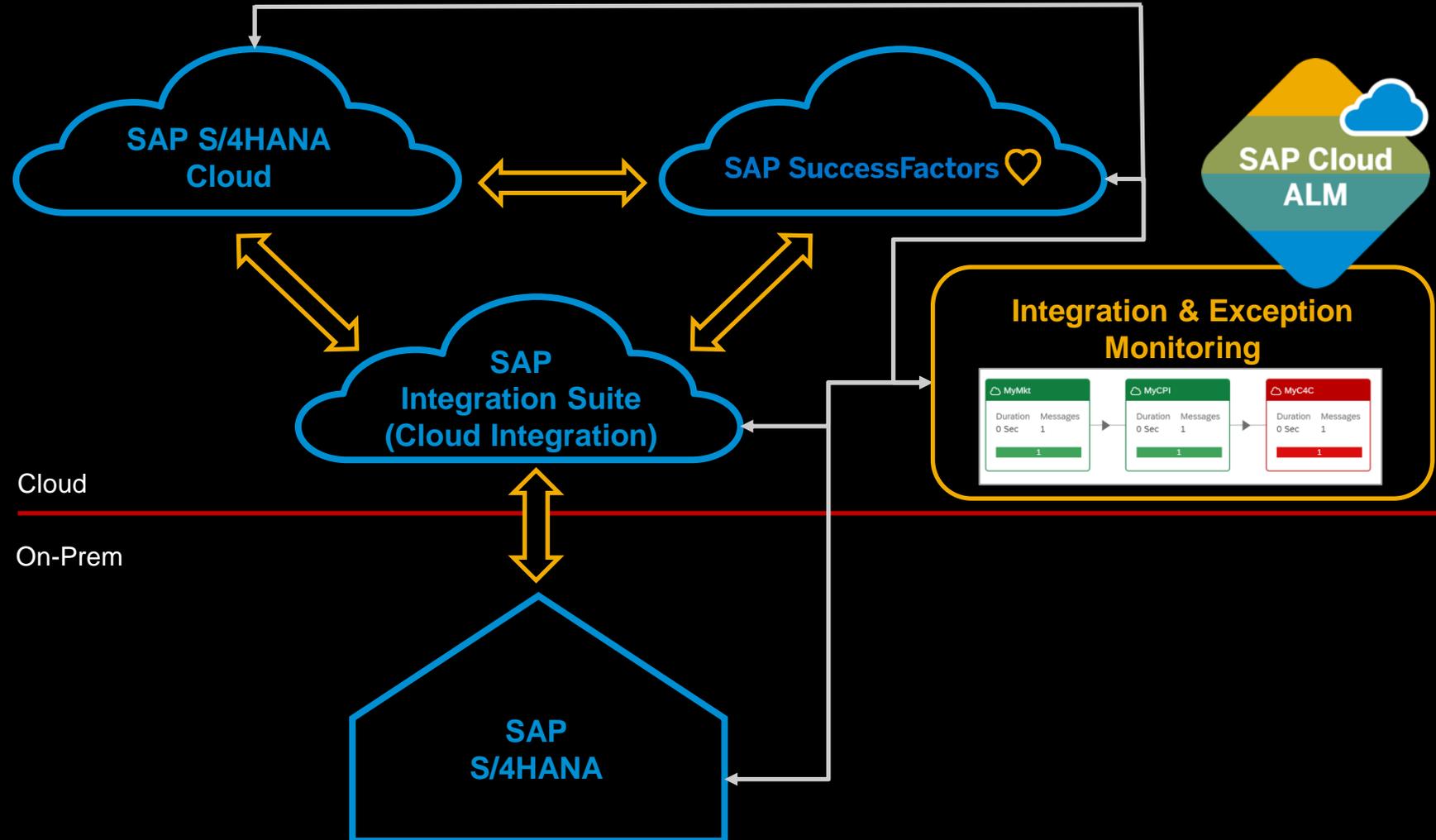
Integration & Exception Monitoring – What is In it for You?

- **End-to-End monitoring** by correlating single integration artefacts to end-to-end message flows cross components and cross technology
- Support of **message flows** processed by platforms as SAP Integration Suite as well as support of **peer-to-peer interface technologies** as AIF messages as part of SAP S/4HANA Cloud
- **Search and track** single messages based on exposed business context attributes like order number
- **Embedded alerting** to inform integration owner in IT about critical issues including drill down in alert details
- **Integration with Operation Automation** to trigger operation flows context sensitively
- **Intelligent house keeping** (planned) to minimize necessary data volume w/o losing RCA context
- **Embedded analytics** (planned) to enable root cause analysis based on historical and aggregated data → Identify trends and compare different time periods

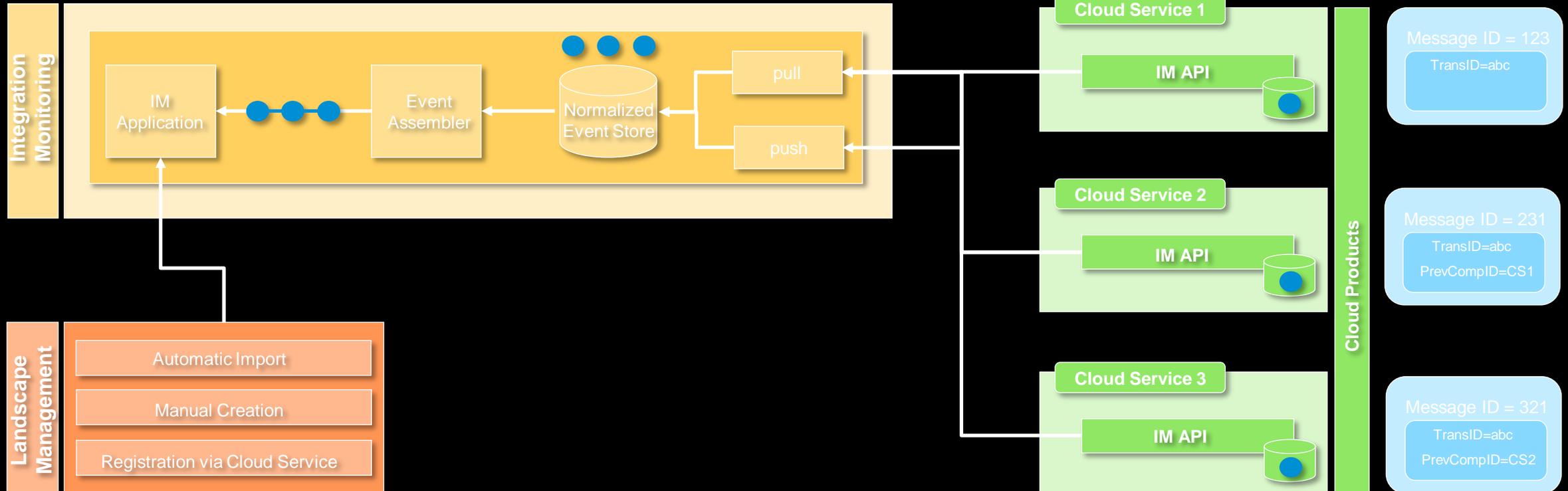


Integration Monitoring

Ensures Reliable Data Exchange Between Cloud Services and Systems



How the Data Is Retrieved From the Cloud Services



It depends on the cloud service which approach is supported, to see if data collection is push or pull for a specific cloud service please refer to the expert portal [here](#)

Integration & Exception Monitoring

New Exceptions Page



- Using the newly introduced **Exceptions** page, you see a global **distribution of the exceptions** per product family and category.
- The **status of the cards** and their **sequence** are highlighting the cloud services & systems being in a critical situation.
- Using the **trend** you will quickly evaluate where to take the first actions.

The screenshot shows the SAP Integration & Exception Monitoring interface. The top navigation bar includes the SAP logo and the title "Integration & Exception Monitoring". Below the navigation bar, the "Exceptions" page is displayed, showing a global distribution of exceptions per product family and category. The page is divided into sections for different product families: SAP S/4HANA Cloud, SAP Integration Suite (Cloud Integration), SAP Marketing Cloud, and SAP Ariba Cloud Integration. Each section contains a card for the product family and a card for a specific system. The cards display a table of categories with their counts and trends. The SAP S/4HANA Cloud section shows 4.7k exceptions for ABAP Gateway Errors, 28 for SAP S/4HANA Cloud Asset Central Foundation Integration, and 10 for SAP S/4HANA Cloud Data Replication. The SAP Integration Suite (Cloud Integration) section shows 285 exceptions for SAP BTP Integration Artifact Deployments. The SAP Marketing Cloud section shows 27 exceptions. The SAP Ariba Cloud Integration section shows 2 exceptions. The cards also display a quality indicator (green square) and the number of alerts (13 for SAP S/4HANA Cloud, 0 for SAP Integration Suite, 0 for SAP Marketing Cloud, and 0 for SAP Ariba Cloud Integration). A red box highlights the "Exceptions" icon in the left navigation menu.

Integration & Exception Monitoring

Exceptions Time Frame: 1/12/22, 12:00 AM - 1/12/22, 8:08 PM Services: cc3-715.wdf.sap.corp, MyMarketing

SAP S/4HANA Cloud 4.7k SAP Integration Suite (Cloud Integration) 285 SAP Marketing Cloud 27 SAP Ariba Cloud Integrat

All SAP S/4HANA Cloud

Categories	Count	Trend
ABAP Gateway Errors	4.7k	↗
SAP S/4HANA Cloud Asset Central Foundation Integration	28	↘
SAP S/4HANA Cloud Data Replication	10	↘

Quality Alerts 13

MyS4HANACloud_01 SAP S/4HANA Cloud

Categories	Count	Trend
ABAP Gateway Errors	4.7k	↗
SAP S/4HANA Cloud Asset Central Foundation Integration	28	↘
SAP S/4HANA Cloud Data Replication	10	↘

Quality Alerts 13

SAP Integration Suite (Cloud Integration)

All SAP Integration Suite (Cloud Integration)

Categories	Count	Trend
SAP BTP Integration Artifact Deployments	285	→

Quality Alerts 0

MyCPI SAP Integration Suite (Cloud Integration)

Categories	Count	Trend
SAP BTP Integration Artifact Deployments	285	→

Quality Alerts 0

SAP Marketing Cloud

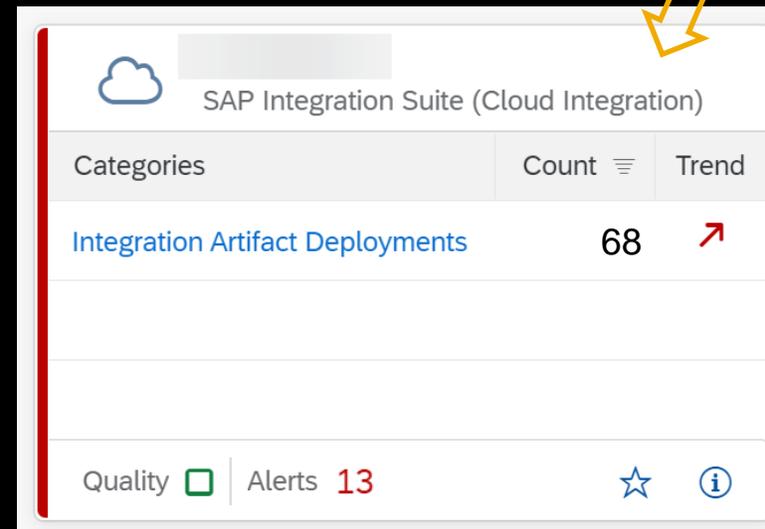
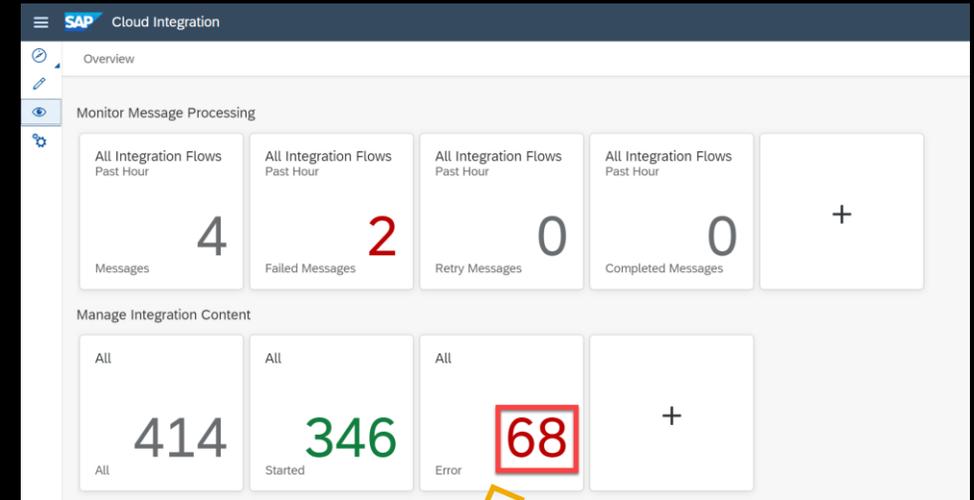
All SAP Marketing Cloud

MyMarketingCloud_01 SAP Marketing Cloud

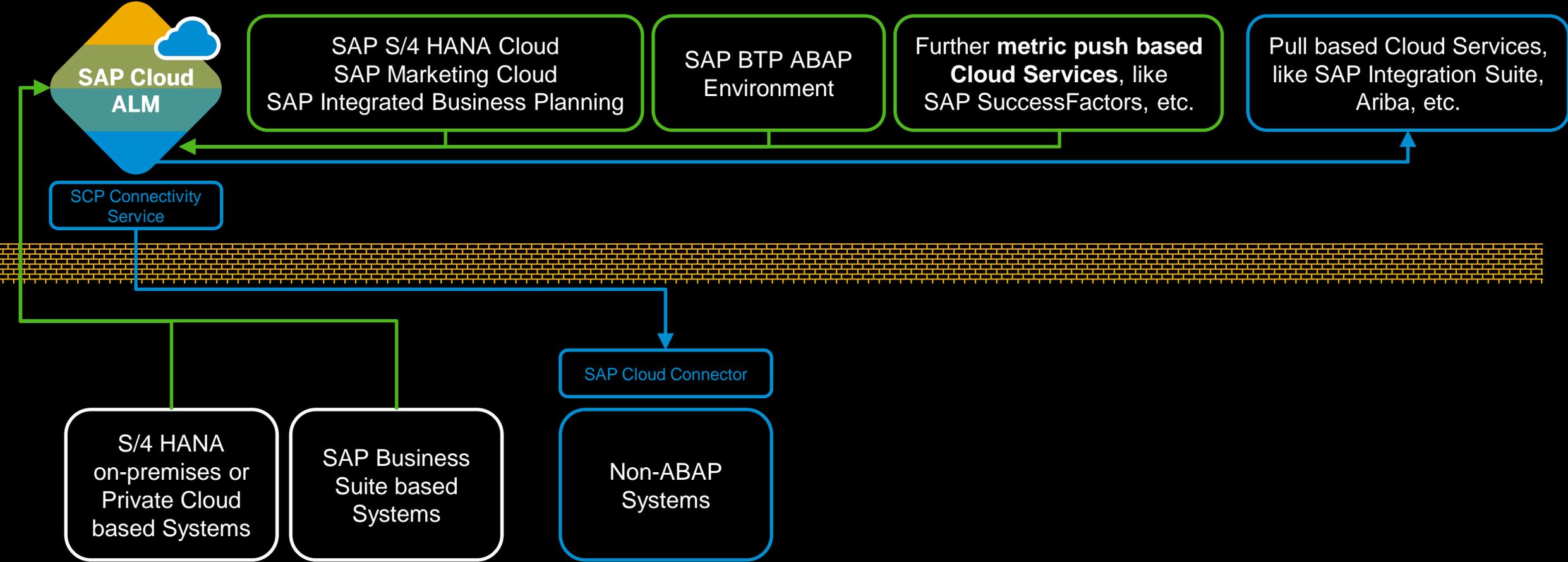
Integration & Exception Monitoring

Stateful Exceptions

- Where possible, Exception Monitoring is stepwise identifying **whether a past exception is still actual**.
- As an example, for SAP Cloud Integration, you see at one glance the number of **persisting iFlows deployment failures**.

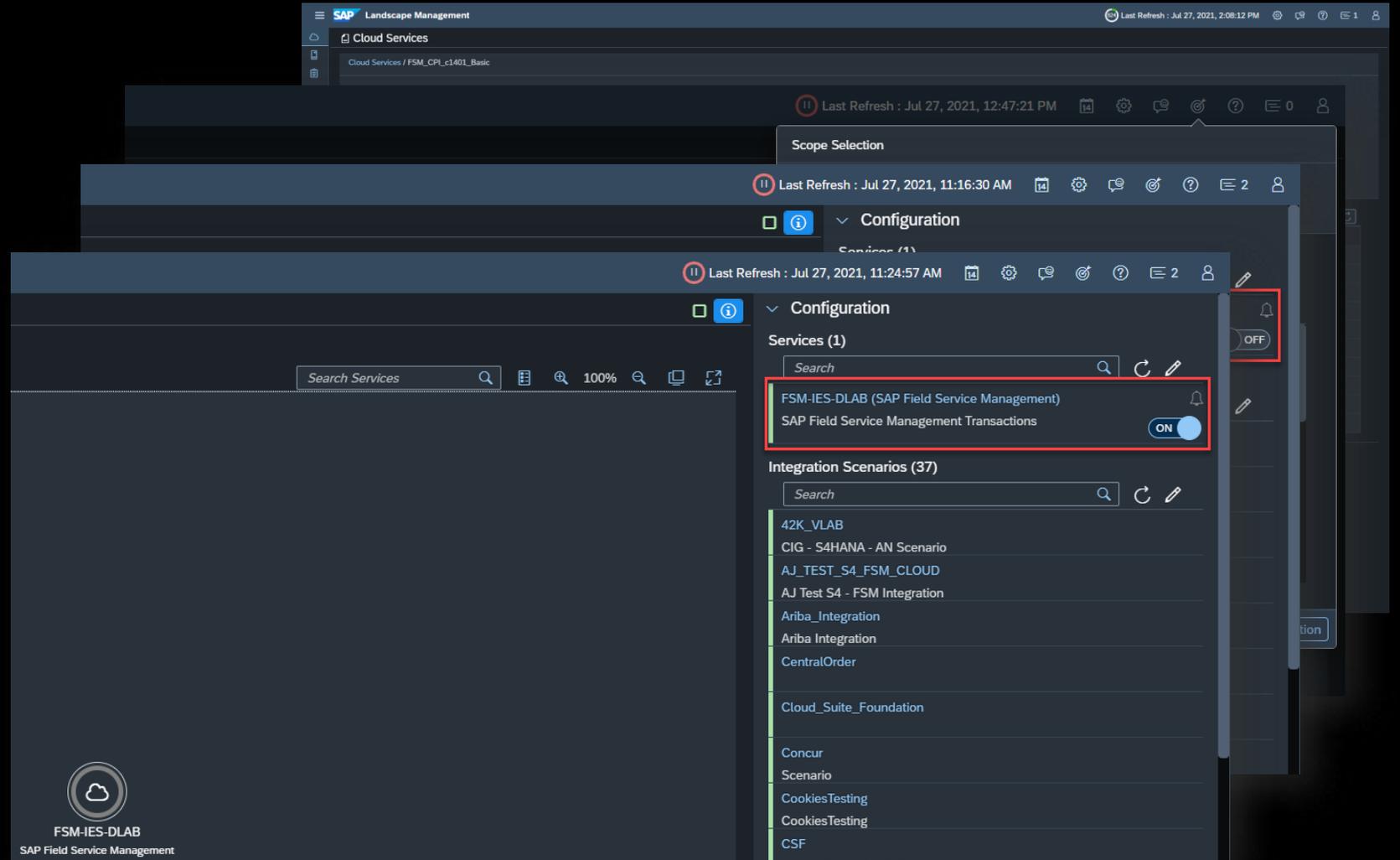


How does SAP Cloud ALM collect metrics ?



How to Enable the Pull-Based Data Collection For a Specific Service

1. Ensure that an endpoint is created in LMS for the cloud service
2. Choose „Not Configured“ services from the scope selection
3. Slide the button from „off“ to „on“
4. See that the service is rated green which means data collection is working fine



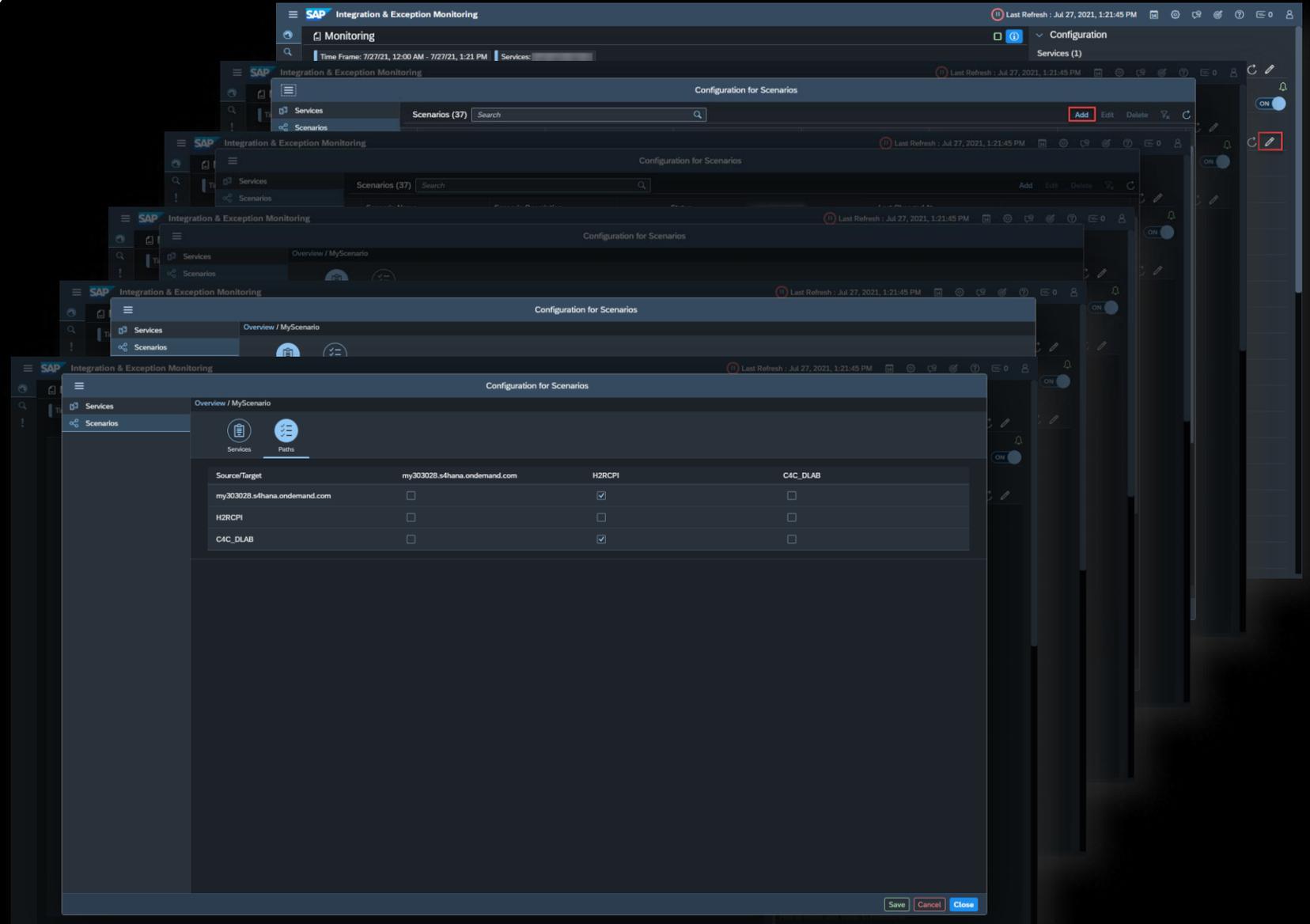
How to Enable the Push-Based Data Collection for a Specific Service

1. Go to the registration UI in your cloud service
2. Example 1: SAP S/4HANA Cloud (Communication Arrangements)
3. Example 2: SAP SuccessFactors Employee Central ([Integration Service Registration Center](#))

The screenshot displays the SAP SuccessFactors Admin Center interface for the Integration Service Registration Center. At the top, a communication arrangement for 'SAP_COM_0527' is shown, with details such as 'Scenario ID: SAP_COM_0527', 'Scenario: SAP Cloud ALM for operations - Application Monitoring Push Integration', 'Changed By: Ph.D. ADMINISTRATOR ADMINISTRATOR', and 'Editing Status: Active'. Below this, the main registration form is visible, featuring a dropdown for 'Integration Service' set to 'SAP Cloud ALM'. The form is divided into two sections: 'Tenant Details' and 'Service Details'. 'Tenant Details' includes fields for Company ID, Company Name, System Type (set to 'TEST'), Service Type (set to 'SAP SuccessFactors'), URL, and Description. 'Service Details' includes fields for Endpoint, OAuth URL, Client ID, Client Secret, and Service ID. At the bottom of the form, there are 'Register' and 'Deregister' buttons. The interface also includes a search bar and a user profile icon in the top right corner.

How to Create a Scenario

1. Go to the scenario editor
2. Add a new scenario
3. Give a proper name to the scenario
4. Add one or more services to the scenario
5. Define filter parameters for a specific service
6. Create a communication flow between the services



Integration Monitoring Demo



Exception Monitoring Demo



Poll



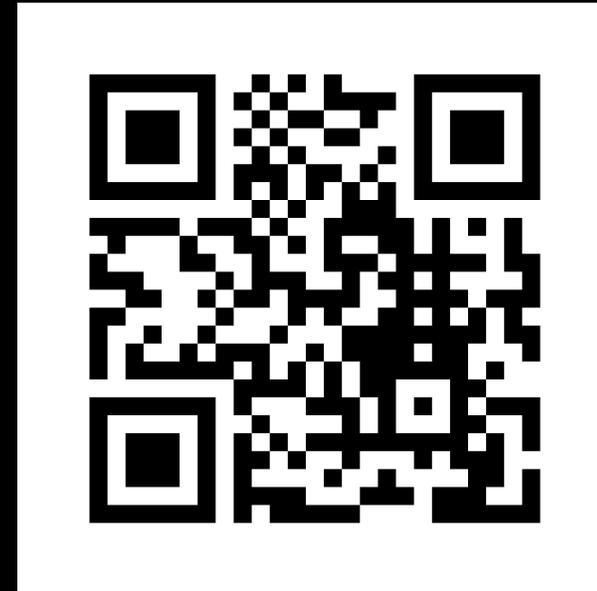
We ask, you answer!

Go to www.menti.com

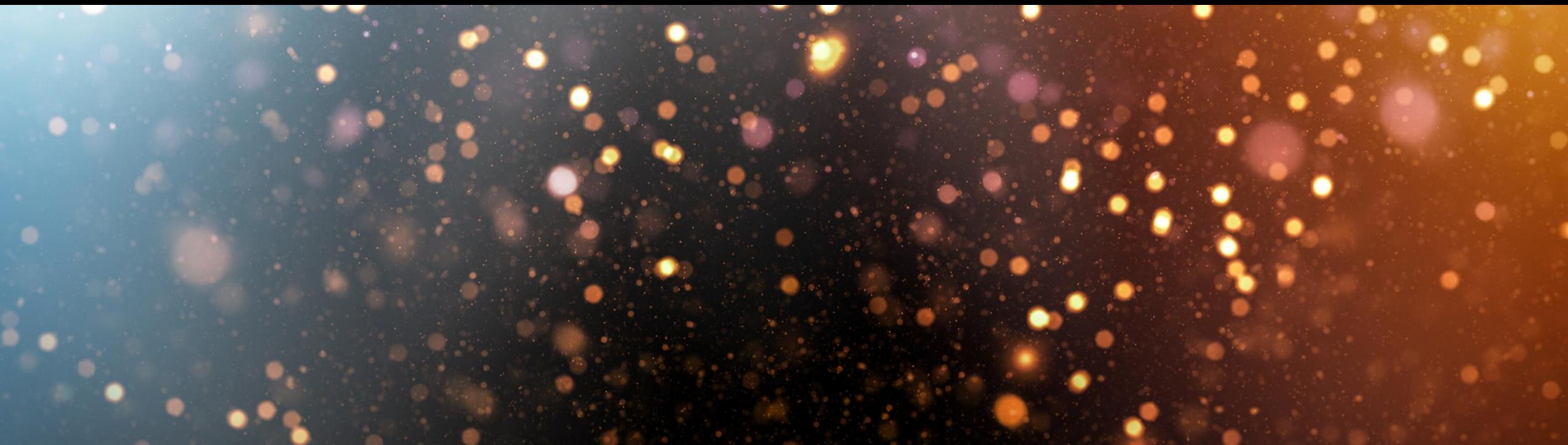
Enter code **4485 6732**

or use the QR code

<https://www.menti.com/rodyovsfa>



Additional Information



Upcoming Events: Save the date!

Expert Guided Implementation (EGI) for SAP Cloud ALM: **April 25-29, 2022** ([Register](#))

What's New in SAP Cloud ALM: **April 27& 28, 2022** ([Register*](#))

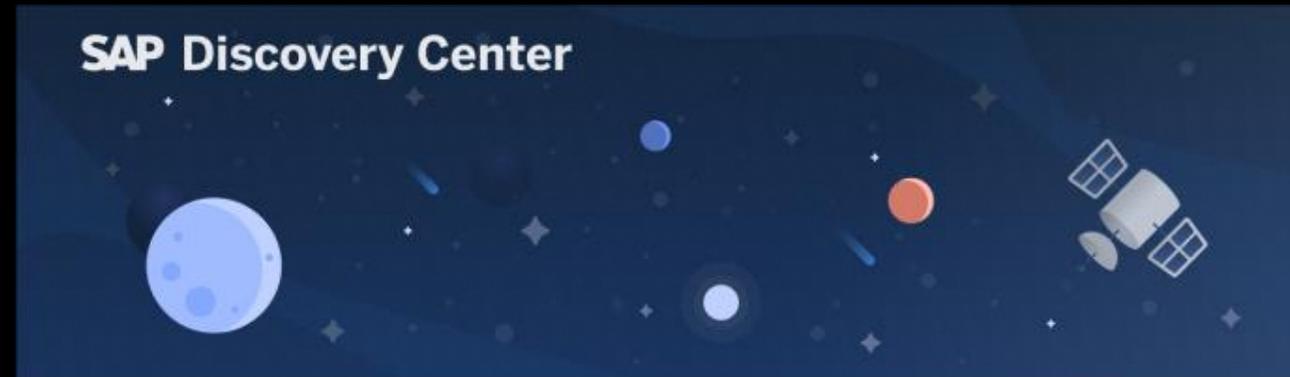


** Registration details to be released soon.*

Find all ALM Events here:
<https://support.sap.com/alm-events>

SAP Discovery Center

SAP Cloud ALM Mission

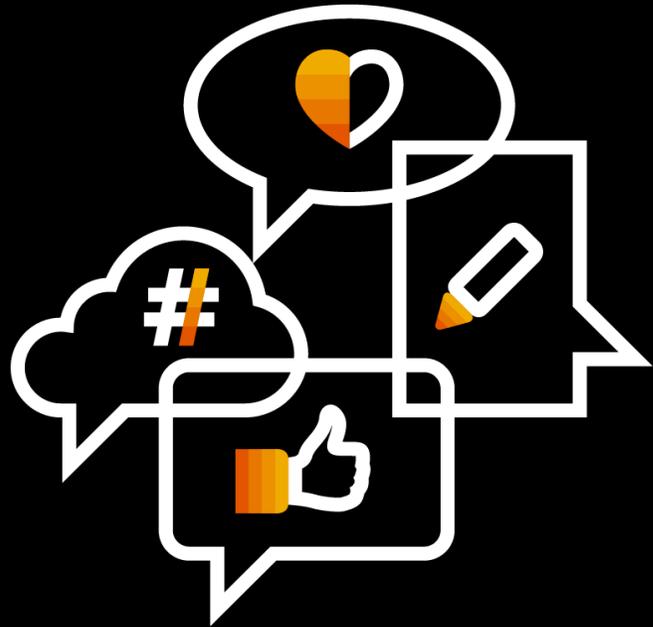


Mission:

Onboarding & First Steps to SAP Cloud ALM

<https://discovery-center.cloud.sap/>

Join us on community.sap.com !



Follow the tag [SAP Cloud ALM](#) on SAP Community

Engage with the best and brightest of the software industry

Learn from **blog posts** and **questions and answers**

OpenSAP Trainings for SAP Cloud ALM

SAP Cloud ALM - in a Nutshell (Overview course)



Duration: 1 week

Self-paced course

<https://open.sap.com/courses/calm1>

Accelerate Cloud Implementations with SAP Cloud ALM



Duration: 4 weeks

Self-paced course

<https://open.sap.com/courses/calm2>

Implementing SAP S/4HANA Cloud with SAP Central Business Configuration



Duration: 7 weeks

Self-paced course

<https://open.sap.com/courses/s4h23>

Operating Cloud Centric Solutions with SAP Cloud ALM



Duration: 3 weeks

Self-paced course

<https://open.sap.com/courses/calm3>

SAP SuccessFactors **openSAP** course with SAP Cloud ALM

The screenshot shows the openSAP course page for "Hire to Retire – Strategy, Implementation, and Operations". The page features a navigation bar with "openSAP" and links for "Channels", "Courses", "Microlearning", "Podcasts", and "News". Below the navigation bar, the course title is displayed, followed by a list of instructors: Bianka Woelke, Jochen Thierer, Andy Shean, Robert Wood, Harini Gunabalan, Lillie Reynolds, Daniela Goerke, Srinivas Singaraju, António Moreira Rato, Tonja Kehrer, Karl Benson, Janko Budzisch, Markus Bechler, and Simon Blattmann. A yellow banner indicates "Course has not yet started". A secondary navigation bar includes "Learnings", "Discussions", "Progress", "Collab Space", "Course Details", and "Announcements". The main content area is split into two columns. The left column contains a video player with a thumbnail of a woman in a white jacket and green scarf, and a play button. The right column contains social sharing buttons for Facebook, Twitter, LinkedIn, and Email, followed by a description of the course, the dates "January 18, 2022 - February 16, 2022", the language "English", and an "Enroll me for this course" button.

Content

- Week 1: Strategy and Innovations
- Week 2: Innovations in Hire to Retire
- Week 3: Implement and Operate Hire to Retire

Self-paced course

<https://open.sap.com/courses/sf10>

We will be back!

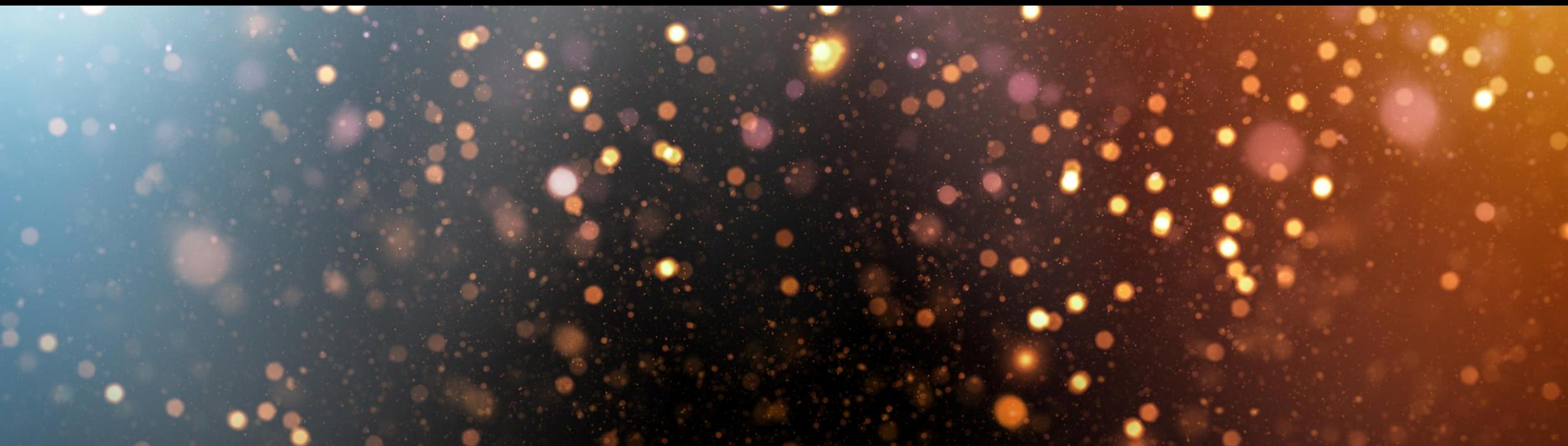
The next SAP Community Call for SAP Cloud ALM Experts will take place on

May 4th, 4pm CEST | 10am EST

The focus topic of this call will be: **Implementation**

All registered participants will receive an e-mail invite for this call.

Q&A



Thank you.

Contact information:

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