



SAP Cloud ALM

Expert Community Call

SAP SE
February 2022

PUBLIC

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Welcome



SAP Cloud ALM Expert Community Call | Agenda for **February 2, 2022**

Focus topic: SAP Cloud ALM for Operations

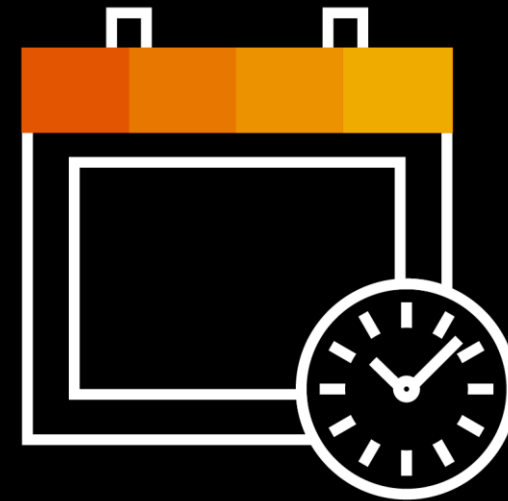
Welcome & about this call

Job & Automation Monitoring

We ask, you answer | Menti

Additional Information

You ask, we answer | Q&A



Speakers



Tonja Kehrer



Gergely Spiry



Stefan Lahr



Tim Steuer

About this Call

WHY Build up expert knowledge, share experiences, ask questions

WHEN Monthly webinar series about SAP Cloud ALM

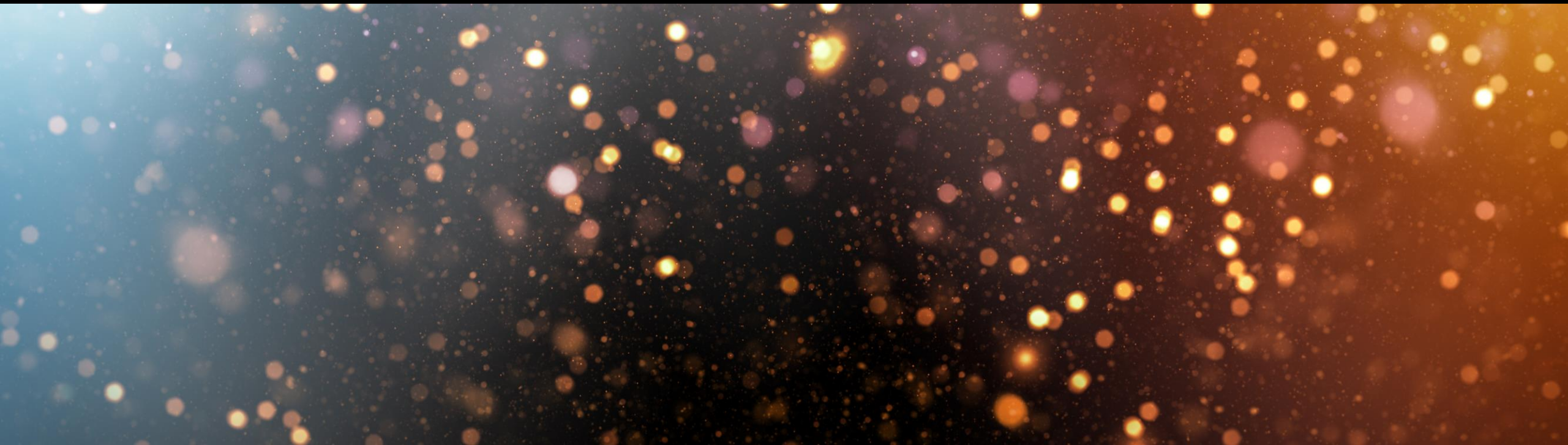
WHAT Concepts, live demos, alternating focus on implementation and operations

WHO Beginners, Experts and anyone interested in SAP Cloud ALM



Job & Automation Monitoring

with SAP Cloud ALM as of January 2022



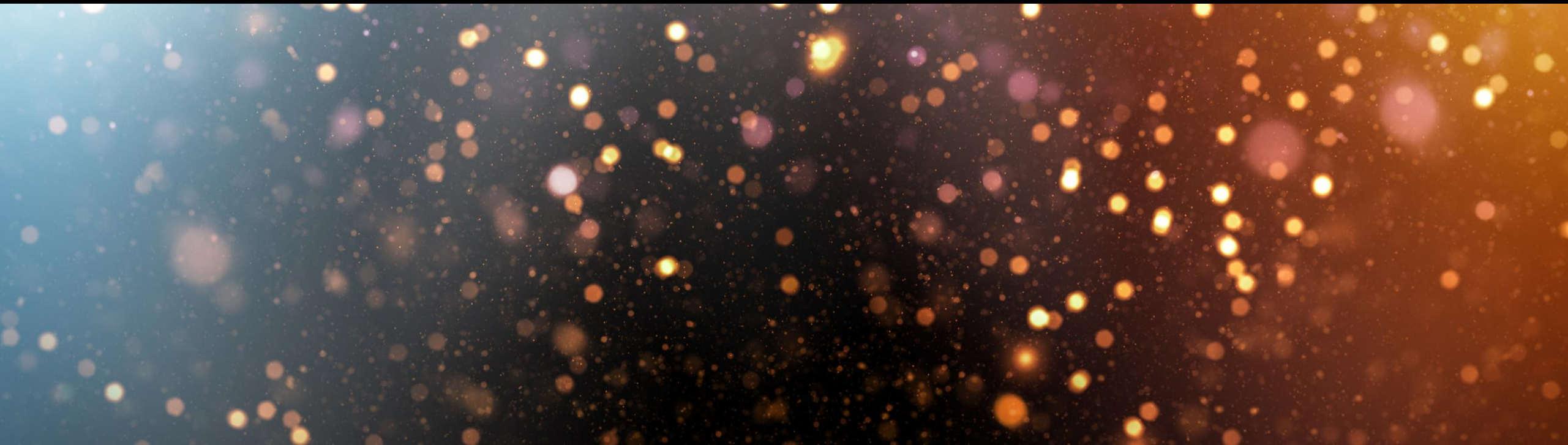
Abstract

With Job & Automation Monitoring in SAP Cloud ALM, currently it is possible to monitor SAP S/4HANA application jobs, SAP ABAP jobs and SAP BW Process Chains and SAP Intelligent RPA jobs.

Until end of 2022, we plan to be able to support further job and automation types, like SAP BTP scheduler jobs, and ABAP Workflows.

In this session, we will show how the application can be used on the example of SAP S/4HANA application jobs and SAP Intelligent RPA jobs and how alerts can be configured.

Challenge in a **Distributed Landscape**



Job & Automation Monitoring: Challenge

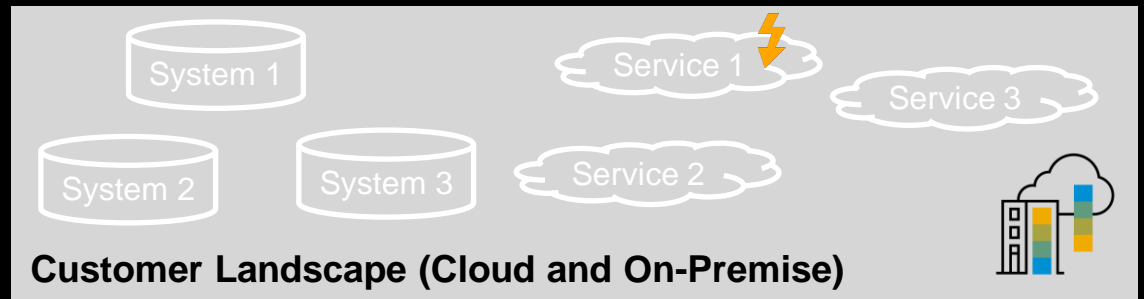
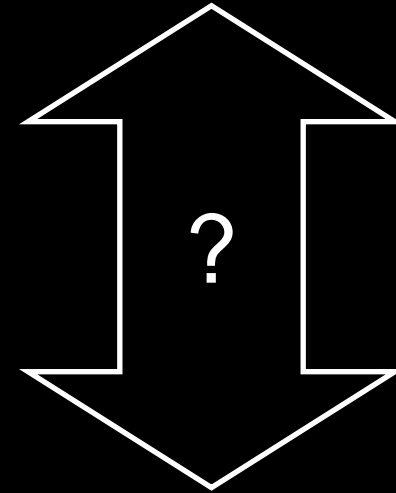
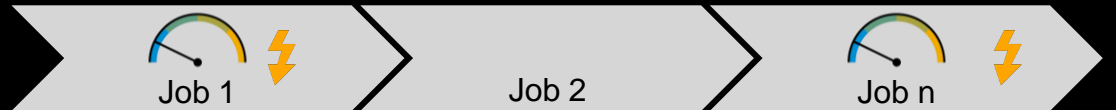
Jobs and automated actions like workflows are the backbone of business processes that span across several SAP cloud and on premise products.

For business continuity it needs to be ensured that all automations are running successfully, which means that they

1. run on time or within an expected recurrence pattern
2. finish successfully
3. process the application data without errors and warnings
4. do not deteriorate regarding their run time

Challenge: Understanding job execution status in a distributed heterogenous landscape.

Automation Elements of End-to-End Processes



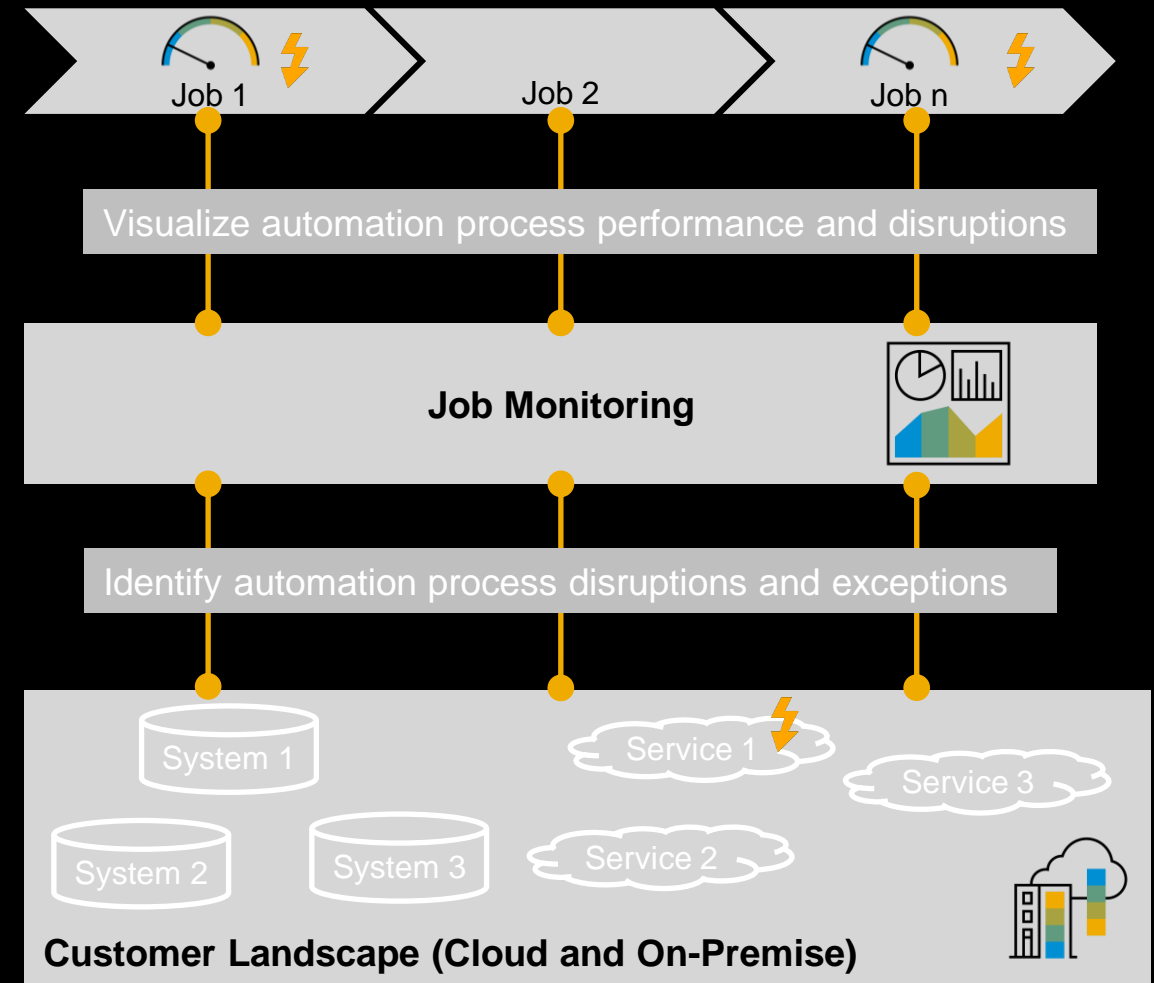
Benefit of Central Job & Automation Monitoring

Job & Automation Monitoring provides a **central platform** to answer whether automation processes have **started on time**, **finished within the expected run time** and **without exceptions**:

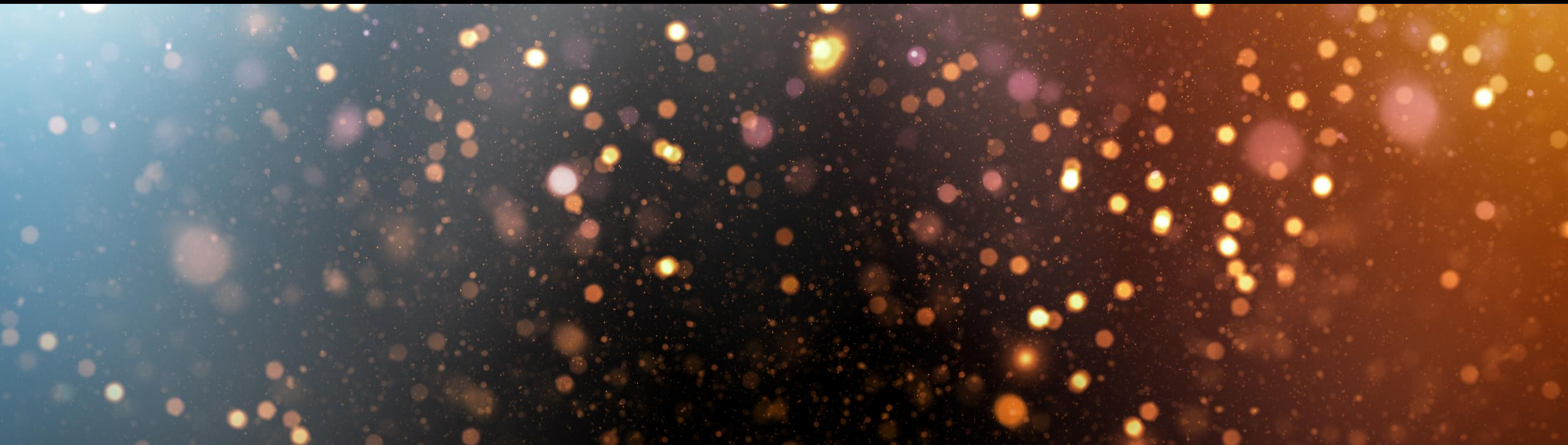
You can:

- identify automations that produce exceptions or show exceptional behavior regarding runtime and delay
- drill down into individual executions and forward-navigate to the managed cloud service
- receive alerts and notifications in case of issues with automations
- analyze batch jobs regarding runtime and exceptions trends to understand deteriorations and help **avoid process disruption**

Automation Elements of End-to-End Processes

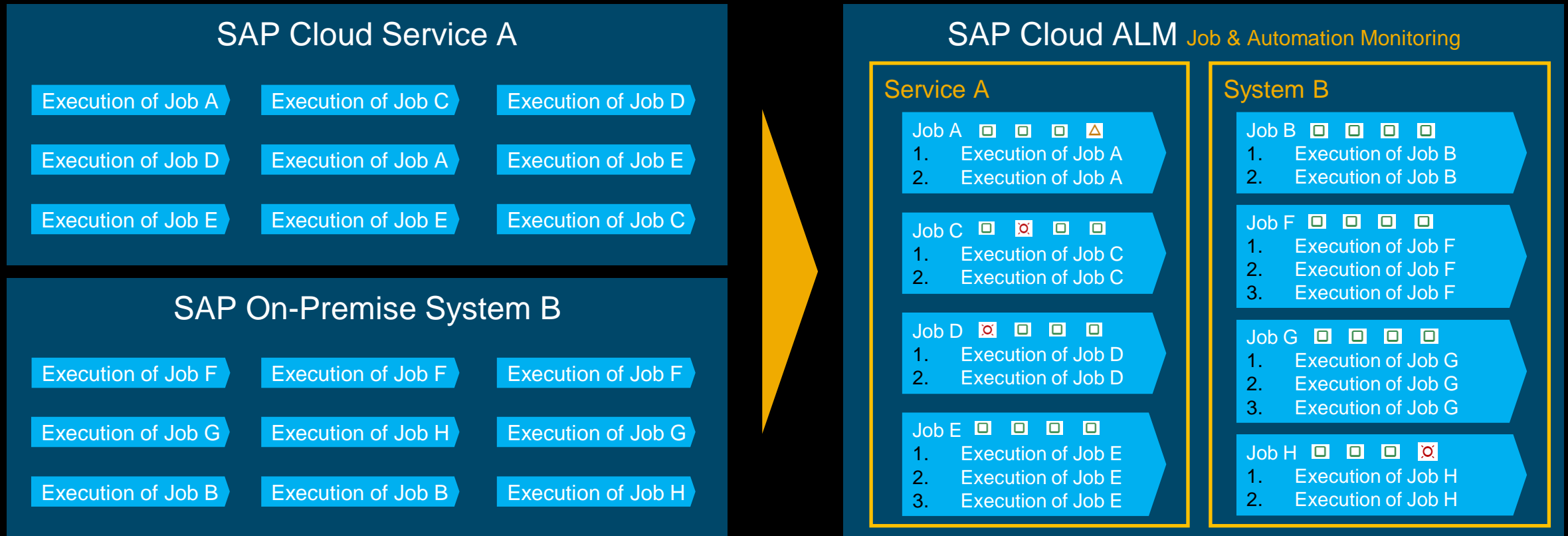


General Concept, **Scope and Prerequisite**



General Concept Job & Automation Monitoring in SAP Cloud ALM

Jobs and workflows are executed in the managed cloud and on-premise services. The individual executions are captured (start, end times, and status) by the local execution infrastructures. Customers can choose to forward execution data to SAP Cloud ALM, where the individual execution data is assembled and correlated with definition data.



Scope of Job & Automation Monitoring in SAP Cloud ALM

Job & Automation Monitoring in SAP Cloud ALM currently supports monitoring of the following job types:

- SAP S/4HANA application jobs
- SAP Intelligent RPA jobs
- SAP ERP Central Component - ABAP jobs
- SAP ERP Central Component - BW process chains

The following solutions are supported regarding batch jobs:

- SAP SuccessFactors Employee Central Payroll
- SAP S/4HANA Cloud
- SAP Marketing Cloud
- SAP Intelligent Robotic Process Automation
- SAP Integrated Business Planning for Supply Chain
- SAP Business Suite
- SAP BTP ABAP Environment
- S/4HANA private cloud edition, S/4HANA

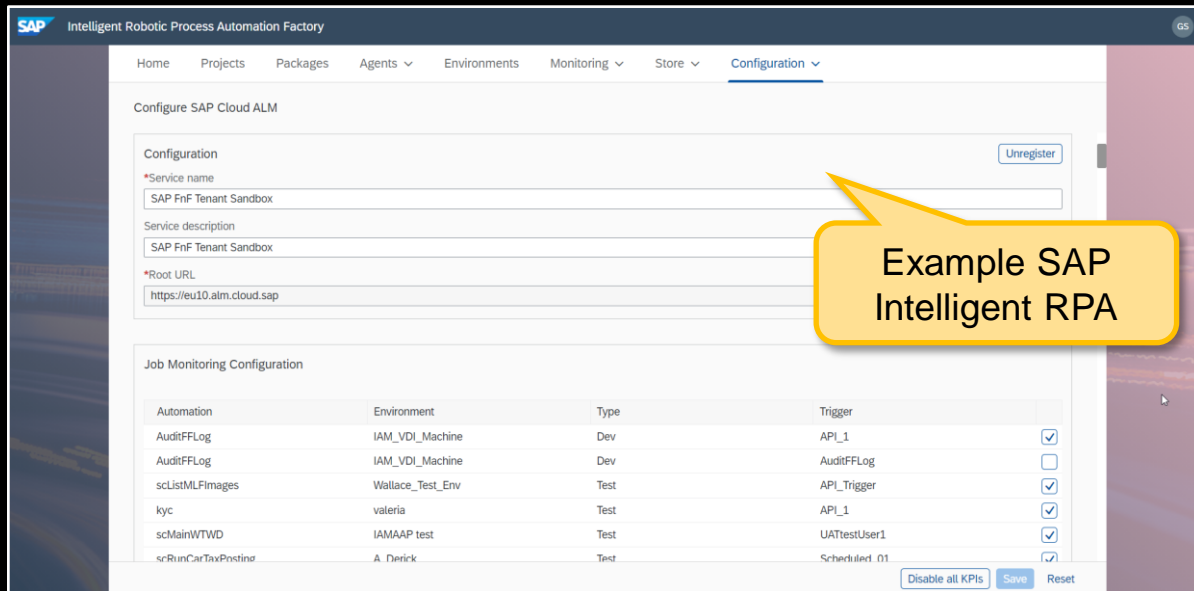
Prerequisite for Job & Automation Monitoring in SAP Cloud ALM

Prerequisites

- The type of the job or automation must be supported by SAP Cloud ALM
- You need to have authorization for Job & Automation Monitoring

Setup

- In the sending service, data push configuration needs to be done as documented in [Expert Portal](#)

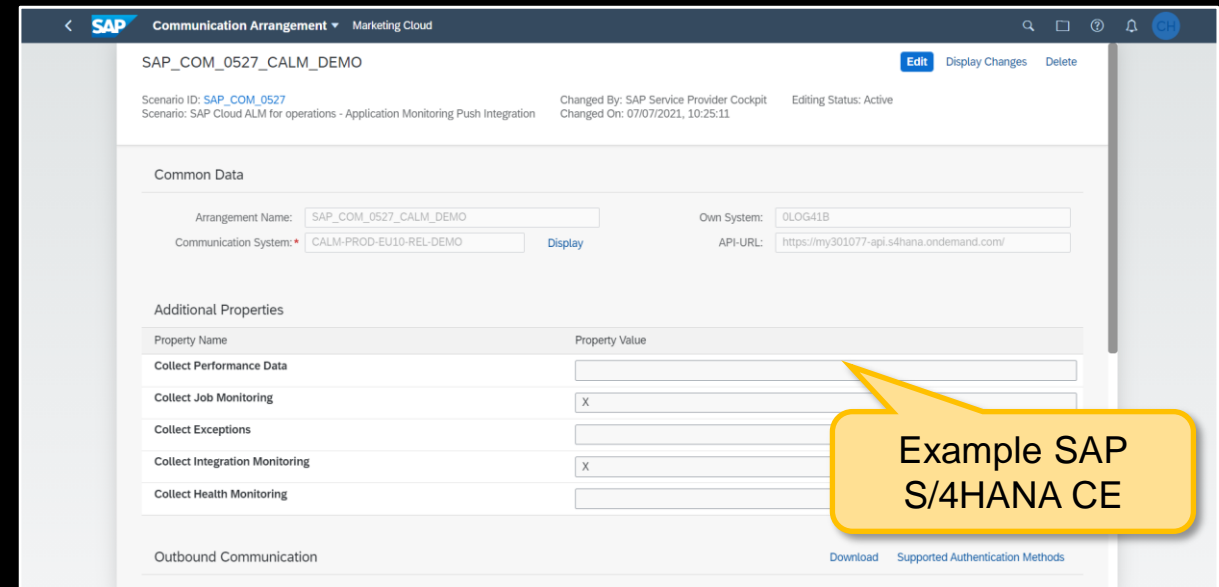


The screenshot shows the 'Configuration' page in the SAP Intelligent Robotic Process Automation Factory. The page is titled 'Configure SAP Cloud ALM'. It has a navigation bar with 'Home', 'Projects', 'Packages', 'Agents', 'Environments', 'Monitoring', 'Store', and 'Configuration'. The 'Configuration' section is active, showing a form for 'Configuration' with fields for 'Service name' (SAP FnF Tenant Sandbox), 'Service description' (SAP FnF Tenant Sandbox), and 'Root URL' (https://eu10.alm.cloud.sap). There is an 'Unregister' button. Below this is the 'Job Monitoring Configuration' section, which contains a table with columns: Automation, Environment, Type, Trigger, and a checkbox. The table lists several automation jobs and their configurations.

Automation	Environment	Type	Trigger	
AuditFFLog	IAM_VDI_Machine	Dev	API_1	<input checked="" type="checkbox"/>
AuditFFLog	IAM_VDI_Machine	Dev	AuditFFLog	<input type="checkbox"/>
scListMLFImages	Wallace_Test_Env	Test	API_Trigger	<input checked="" type="checkbox"/>
kyc	valeria	Test	API_1	<input checked="" type="checkbox"/>
scMainWTWD	IAMAAP test	Test	UATTestUser1	<input checked="" type="checkbox"/>
scRunCarTaxPostline	A_Derick	Test	Scheduled_01	<input checked="" type="checkbox"/>

Buttons at the bottom: 'Disable all KPIs', 'Save', 'Reset'.

Example SAP Intelligent RPA



The screenshot shows the 'Communication Arrangement' page in the SAP Marketing Cloud. The page is titled 'SAP_COM_0527_CALM_DEMO'. It has a navigation bar with 'Communication Arrangement' and 'Marketing Cloud'. The 'Common Data' section shows 'Arrangement Name' (SAP_COM_0527_CALM_DEMO), 'Own System' (0LOG41B), 'Communication System' (CALM-PROD-EU10-REL-DEMO), and 'API-URL' (https://my301077-api.s4hana.ondemand.com/). The 'Additional Properties' section shows a table with columns: Property Name, Property Value, and a checkbox. The table lists several properties and their values.

Property Name	Property Value	
Collect Performance Data		<input type="checkbox"/>
Collect Job Monitoring	X	<input checked="" type="checkbox"/>
Collect Exceptions		<input type="checkbox"/>
Collect Integration Monitoring	X	<input checked="" type="checkbox"/>
Collect Health Monitoring		<input type="checkbox"/>

Buttons at the bottom: 'Download', 'Supported Authentication Methods'.

Example SAP S/4HANA CE

Configuration of Data Push in SAP ERP Central Component via Report /SDF/ALM_SETUP

Setup for SAP ALM

✓ Cancel More ▾

1. Choose existing destination or provide a new destination name

Target ALM Destination

Last changed by: ATC_EXECUTE Last changed at: 2021-07-07 22:46:01

2. Maintain HTTP destination

Update destination ✓ Delete destination

3. Enter registration target

Target ALM Root URL

Background User

Register Register at target ALM and schedule job.

Unregister Unregister at target ALM and stop job.

4. Choose usecase(s) to be collected

Activate usecases 1/7 Configured tasks

Job Overview

✓ Refresh Release ☐ Spool More ▾

Job overview from: 12.07.2021 at: : :
to: 12.07.2021 at: : :
Selected job names: CALM*
names: *

Released ☐ Ready ☒ Active ☒ Finished ☒ Canceled ☐
Event ID:
Program name :

JobName	Job CreatedBy	Status	Start date	Start Time	Duration(sec.)	Delay (sec.)
<input type="checkbox"/> CALM Scheduler CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:38:54	0	1
<input type="checkbox"/> CALM Heartbeat CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:37:54	0	2
<input type="checkbox"/> CALM Scheduler CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:33:54	0	1
<input type="checkbox"/> CALM Heartbeat CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:32:54	0	2
<input type="checkbox"/> CALM Scheduler CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:28:54	2	1
<input type="checkbox"/> CALM Heartbeat CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:27:54	0	2
<input type="checkbox"/> CALM Scheduler CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:23:53	3	0
<input type="checkbox"/> CALM Heartbeat CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:22:54	0	2
<input type="checkbox"/> CALM Scheduler CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:18:54	0	1
<input type="checkbox"/> CALM Heartbeat CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:17:53	1	1
<input type="checkbox"/> CALM Scheduler CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:13:54	0	1
<input type="checkbox"/> CALM Heartbeat CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:12:54	0	2
<input type="checkbox"/> CALM Scheduler CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:08:54	0	1
<input type="checkbox"/> CALM Heartbeat CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	17:07:54	0	2
<input type="checkbox"/> CALM Scheduler CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	16:57:54	0	2
<input type="checkbox"/> CALM Heartbeat CALM_EXP_STABLE	KUMARANKUO	Finished	12.07.2021	16:53:54	0	1

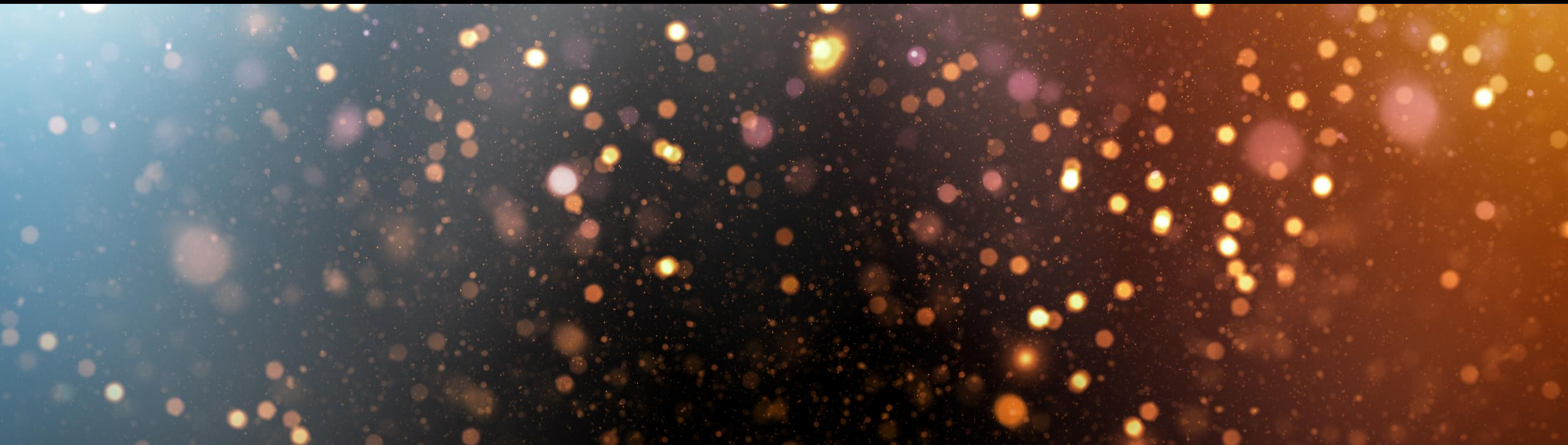
Example SAP ERP Central Component

Periodic job for heartbeat and data push.

Details here:

<https://support.sap.com/en/alm/sap-cloud-alm/operations/expert-portal/setup-managed-services/setup-abap.html>

Using the **Application**



Using Job & Automation Monitoring in SAP Cloud ALM (1/6)

Get an overview on overall job situation

- **Overview** provides information on the job and automation status of every service in your scope
- You can drill down into the list of jobs that show exceptions or run time issues
- You can drill down into the list of alert situations

SAP Job & Automation Monitoring Overview

Time Frame: 1/24/22, 12:00 AM - 1/26/22, 10:32 AM | Services: etx-200.wdf.sap.corp, QM7002, qn6-100.wdf.sap.c...

Service	With Technical Exceptions	With Application Exceptions	With High Run Time	Alerts
etx-200.wdf.sap.corp (SAP S/4HANA Cloud)	12	12	0	7
QM7002 (SAP S/4HANA)	11	0	5	13

SAP Job & Automation Monitoring Alerting

Services: QM7002 | Order By: Current Rating, Last Updated

Alerts (13)

Alert Name and Message	Alert Context
Critical Execution Status for job detected	QM7002
Latest Execution Status is Red	
Object Details: NAME = CONSENT MANAGEMENT TYPE = SAP ABAP Job	
Critical Execution Status for job detected	QM7002
Latest Execution Status is Red	
Object Details: NAME = SMI_SENTIMENT_ASSIGN_JOB_002 TYPE = SAP ABAP Job	

SAP Job & Automation Monitoring Monitoring

Time Frame: 1/24/22, 12:00 AM - 1/26/22, 10:57 AM | Services: QM7002

Services / Jobs or Automations

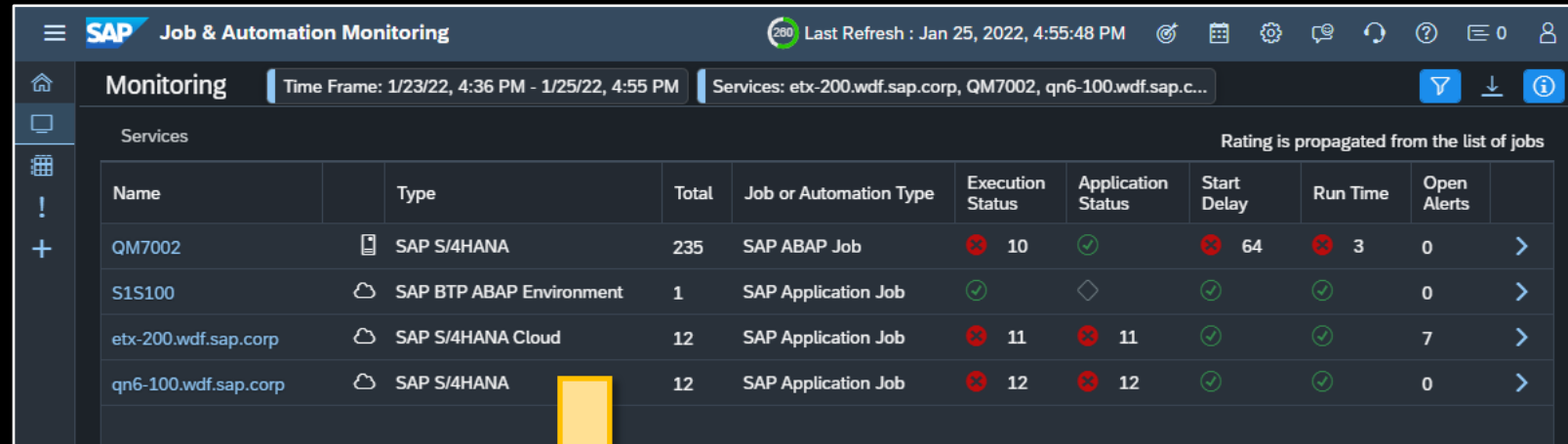
Rating is propagated from the list of job executions

Name	Type	Execution Status	Application Status	Start Delay	Run Time	Service	Open Alerts
FCLM_FLOWBUILDER_JOB	SAP ABAP Job	✓	⚠	✓	✓	QM7002	0
FAA_DEPRECIATION_POST	SAP ABAP Job	✓	✓	✓	✓	QM7002	0
CREATE TIMESTAMP CATHOD 01	SAP ABAP Job	✓	✓	✓	✓	QM7002	0
SMI_SENTIMENT_ASSIGN_JOB_002	SAP ABAP Job	✗	◇	✓	✓	QM7002	1
SENTIMENT ASSIGNMENT	SAP ABAP Job	✗	◇	✓	✓	QM7002	1
CONSENT MANAGEMENT	SAP ABAP Job	✗	◇	✓	✓	QM7002	1
PLM_PSM_SH	SAP ABAP Job	✗	◇	✓	✓	QM7002	1
BILL OPEN PARS	SAP ABAP Job	✗	◇	✓	✓	QM7002	1
/1DH/PUSH CDS DFITA	SAP ABAP Job	✗	◇	✓	✓	QM7002	1

Using Job & Automation Monitoring in SAP Cloud ALM (2/6)

Get an overview on job situation per service

- **Monitoring** provides information on the job and automation situation per service
- You can drill down into the list of jobs per service
- Every job is rated based on its last execution regarding
 - Execution Status
 - Application Status
 - Start Delay
 - Run Time



SAP Job & Automation Monitoring

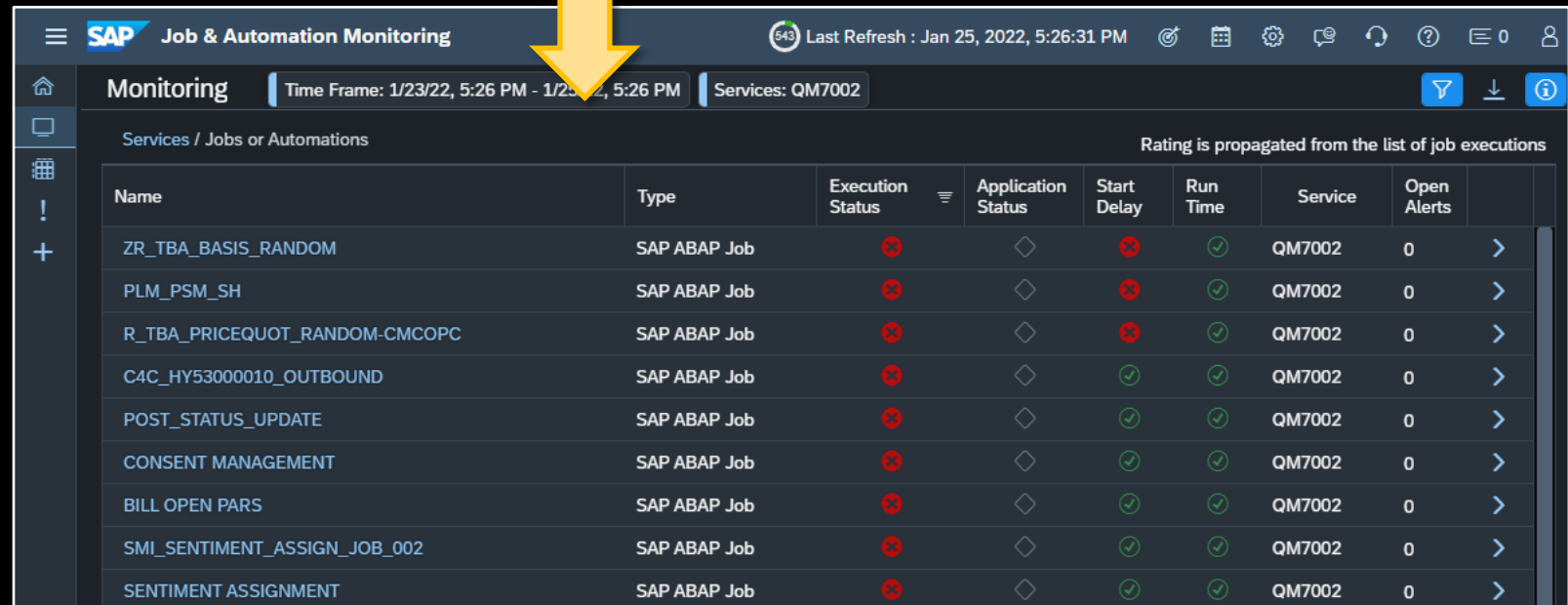
Last Refresh : Jan 25, 2022, 4:55:48 PM

Monitoring | Time Frame: 1/23/22, 4:36 PM - 1/25/22, 4:55 PM | Services: etx-200.wdf.sap.corp, QM7002, qn6-100.wdf.sap.c...

Services

Rating is propagated from the list of jobs

Name	Type	Total	Job or Automation Type	Execution Status	Application Status	Start Delay	Run Time	Open Alerts	
QM7002	SAP S/4HANA	235	SAP ABAP Job	10		64	3	0	>
S1S100	SAP BTP ABAP Environment	1	SAP Application Job					0	>
etx-200.wdf.sap.corp	SAP S/4HANA Cloud	12	SAP Application Job	11	11			7	>
qn6-100.wdf.sap.corp	SAP S/4HANA	12	SAP Application Job	12	12			0	>



SAP Job & Automation Monitoring

Last Refresh : Jan 25, 2022, 5:26:31 PM

Monitoring | Time Frame: 1/23/22, 5:26 PM - 1/25/22, 5:26 PM | Services: QM7002

Services / Jobs or Automations

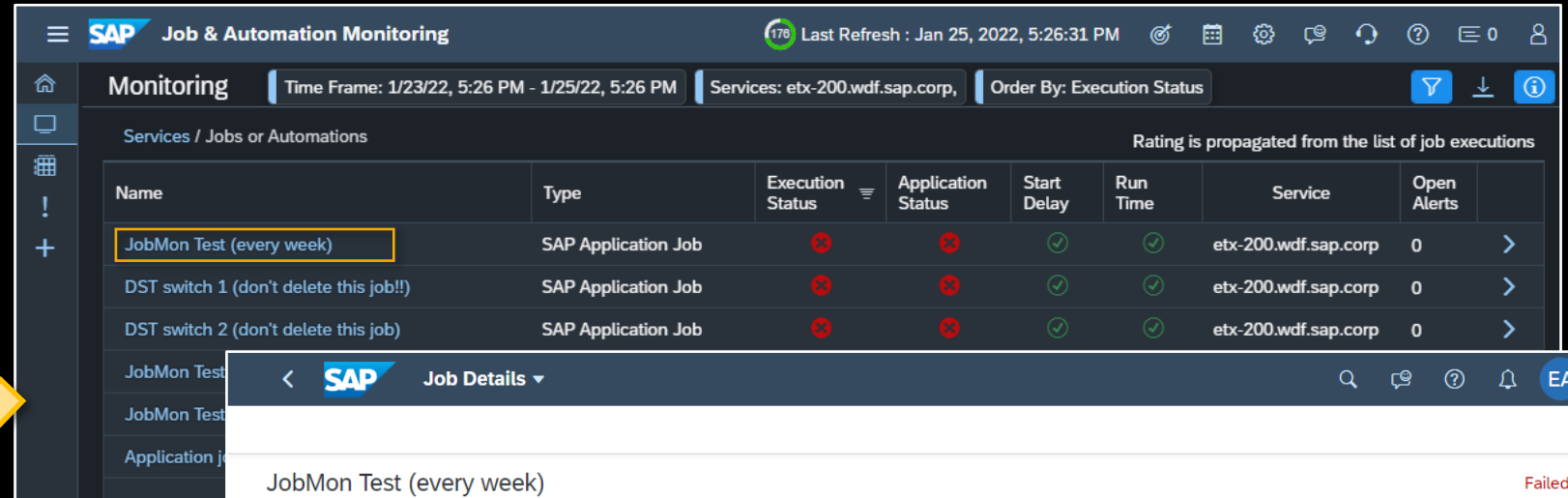
Rating is propagated from the list of job executions

Name	Type	Execution Status	Application Status	Start Delay	Run Time	Service	Open Alerts	
ZR_TBA_BASIS_RANDOM	SAP ABAP Job					QM7002	0	>
PLM_PSM_SH	SAP ABAP Job					QM7002	0	>
R_TBA_PRICEQUOT_RANDOM-CMCOPC	SAP ABAP Job					QM7002	0	>
C4C_HY53000010_OUTBOUND	SAP ABAP Job					QM7002	0	>
POST_STATUS_UPDATE	SAP ABAP Job					QM7002	0	>
CONSENT MANAGEMENT	SAP ABAP Job					QM7002	0	>
BILL OPEN PARS	SAP ABAP Job					QM7002	0	>
SMI_SENTIMENT_ASSIGN_JOB_002	SAP ABAP Job					QM7002	0	>
SENTIMENT ASSIGNMENT	SAP ABAP Job					QM7002	0	>

Using Job & Automation Monitoring in SAP Cloud ALM (3/6)

Understand former executions of failing jobs

- From an individual job you can drill down into the list of executions
- From an individual execution you can forward-navigate into the managed service



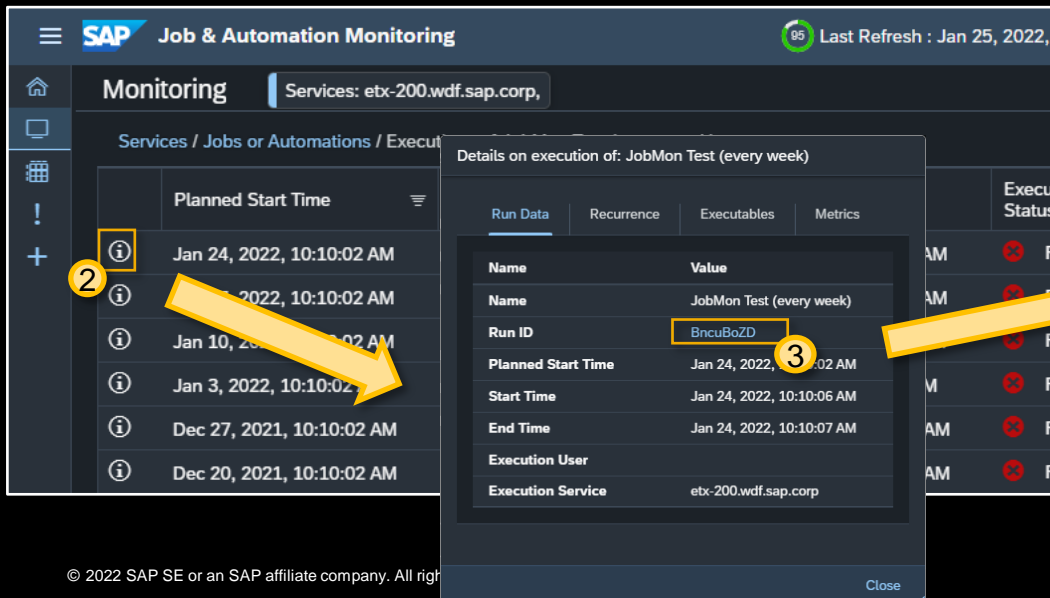
SAP Job & Automation Monitoring

Monitoring | Time Frame: 1/23/22, 5:26 PM - 1/25/22, 5:26 PM | Services: etx-200.wdf.sap.corp, | Order By: Execution Status

Services / Jobs or Automations

Rating is propagated from the list of job executions

Name	Type	Execution Status	Application Status	Start Delay	Run Time	Service	Open Alerts
JobMon Test (every week)	SAP Application Job	✖	✖	✔	✔	etx-200.wdf.sap.corp	0
DST switch 1 (don't delete this job!!)	SAP Application Job	✖	✖	✔	✔	etx-200.wdf.sap.corp	0
DST switch 2 (don't delete this job)	SAP Application Job	✖	✖	✔	✔	etx-200.wdf.sap.corp	0



SAP Job & Automation Monitoring

Monitoring | Services: etx-200.wdf.sap.corp,

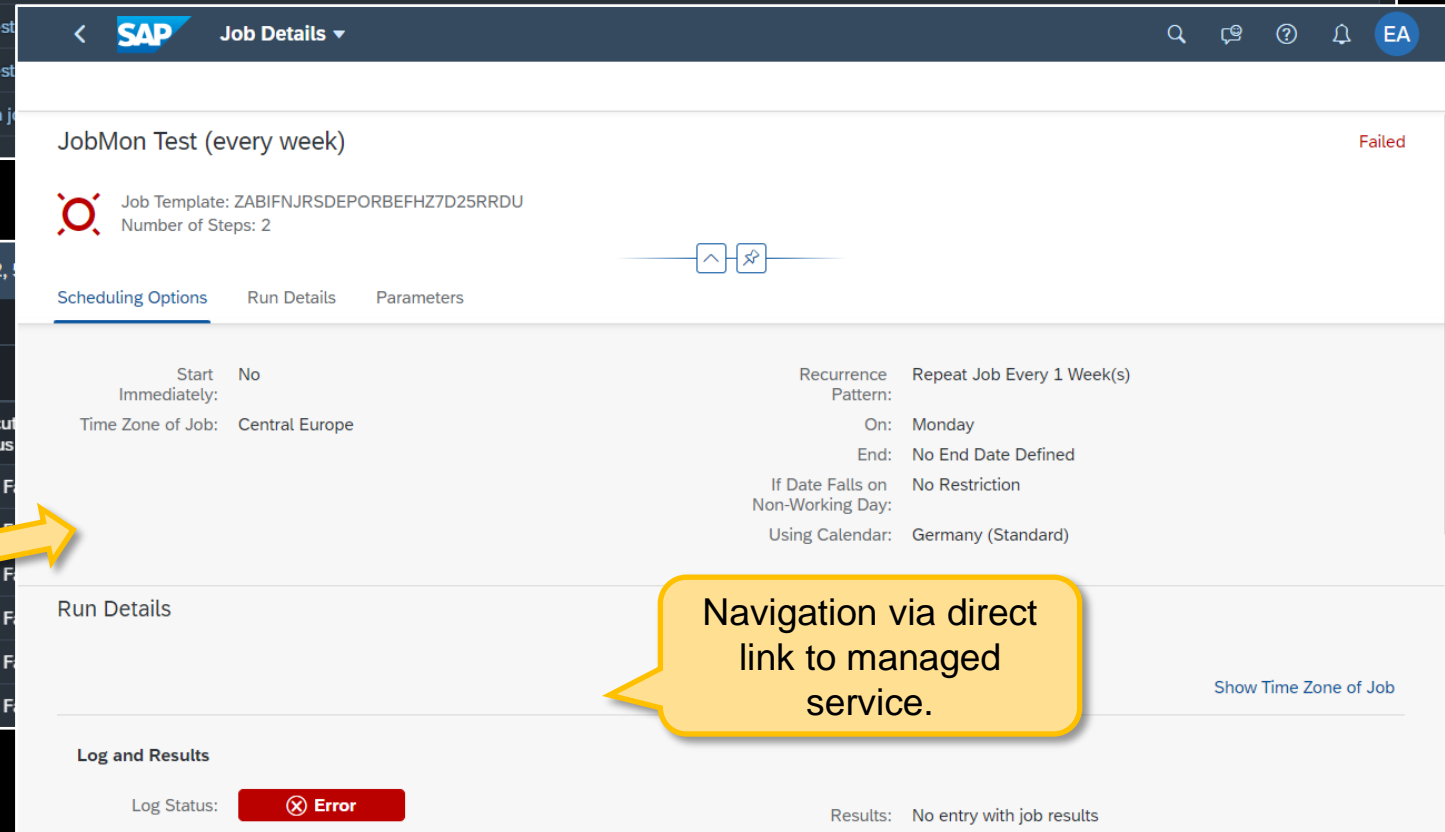
Services / Jobs or Automations / Executions

Planned Start Time	Execution Status
Jan 24, 2022, 10:10:02 AM	✖
Jan 17, 2022, 10:10:02 AM	✖
Jan 10, 2022, 10:10:02 AM	✖
Jan 3, 2022, 10:10:02 AM	✖
Dec 27, 2021, 10:10:02 AM	✖
Dec 20, 2021, 10:10:02 AM	✖

Details on execution of: JobMon Test (every week)

Run Data | Recurrence | Executables | Metrics

Name	Value
Name	JobMon Test (every week)
Run ID	BncuBoZD
Planned Start Time	Jan 24, 2022, 10:10:02 AM
Start Time	Jan 24, 2022, 10:10:06 AM
End Time	Jan 24, 2022, 10:10:07 AM
Execution User	
Execution Service	etx-200.wdf.sap.corp



SAP Job Details

JobMon Test (every week) Failed

Job Template: ZABIFNJRSDPORBEFH7D25RRDU
Number of Steps: 2

Scheduling Options | Run Details | Parameters

Start: No
Immediately: No
Time Zone of Job: Central Europe

Recurrence Pattern: Repeat Job Every 1 Week(s)
On: Monday
End: No End Date Defined
If Date Falls on Non-Working Day: No Restriction
Using Calendar: Germany (Standard)

Run Details

Log and Results

Log Status: ✖ Error

Results: No entry with job results

Show Time Zone of Job

Using Job & Automation Monitoring in SAP Cloud ALM (4/6)

Get alerted on failing job executions

- Alerting is offered for all metrics:
 - Execution Status
 - Application Status
 - Start Delay
 - Run Time

- In monitoring view you can see, if there are open alerts for services or jobs

- In the **Alerting** view you can filter, e.g. for a job name

- From the alert you can forward-navigate into the managed service like from the monitoring application

The screenshot displays the SAP Job & Automation Monitoring interface. The top bar shows the SAP logo, the title 'Job & Automation Monitoring', and a 'Last Refresh' timestamp of Jan 25, 2022, 5:36:54 PM. The interface is divided into two main sections: Monitoring and Alerting.

Monitoring View: This view shows a table of services and jobs. The table has columns for Name, Type, Execution Status, Application Status, Start Delay, Run Time, Service, and Open Alerts. The 'Open Alerts' column is highlighted with a yellow box, showing a value of 3 for the 'AJM housekeeping test (One time multiple)' job.

Alerting View: This view shows a list of alerts. The 'Alerts (6)' section is highlighted with a yellow box. The alerts are listed with their names and messages. The 'Critical Application Status for APJ_DEMO_REPORT' alert is highlighted with a yellow box. The 'Object Details' section shows the job name and type.

Alert Details View: This view shows the details of the selected alert. The 'Critical Application Status for APJ_DEMO_REPORT' alert is shown. The 'Object Details' section shows the job name and type. The 'Status' section shows the current status (Open) and the latest application status (Red). The 'Rating' section shows the current rating (Red) and the worst rating (Red). The 'MESSAGE' section shows the job execution details.

Navigation via direct link to managed service. A yellow callout box points to the 'Object Details' section of the alert details view, indicating that a direct link is provided to navigate to the managed service.

Run ID	Start Time	Execution Status	Application Status	Start Delay	Run Time
LOXLHTHX	Jan 25, 2022, 07:01	Red	Red	00:00:16	00:00:00
gCCbqpZZ	Jan 24, 2022, 07:00	Red	Red	00:00:02	00:00:00

Using Job & Automation Monitoring in SAP Cloud ALM (5/6)

Analyze Runtime and Failures

- Analytical information is offered regarding:
 - Number of executions
 - Execution status (“Failed Executions”)
 - Run Time
- In the table view you can find out which job or automation had
 - Most executions
 - Most failures
 - Highest overall run time
 - Highest average run time
- In the table view you can filter for specific jobs and services

The screenshot displays the SAP Job & Automation Monitoring interface. The top navigation bar includes the SAP logo, the title 'Job & Automation Monitoring', and a 'Last Refresh' timestamp of 'Jan 24, 2022, 4:50:59 PM'. Below the navigation bar, the 'Analysis' section shows the 'TimeFrame' as '1/22/22, 4:51 PM - 1/24/22, 4:52 PM' and 'Services' as 'ebx-200.wdf.sap.corp, QM7002, qn6-100.wdf.sap.c...'. The main content area is titled 'Jobs and Automations (230)' and contains a table with the following data:

Name	Service	Job or Automation Type	Total Executions	Total Run Time [min]	Average Run Time	Failed Executions	Failure Rate (%)
CNV_LTR2_SL_SCHEDULER	QM7002	SAP ABAP Job	81	1,645	00:41:05	1	1
CNV_LTR2_ES_SCNTEST	QM7002	SAP ABAP Job	3	220	00:39:48	0	0
SUT_AUNIT_RUNNER/ZDT_RAPID	QM7002	SAP ABAP Job	2	120	00:00:00	0	0
SUT_AUNIT_RUNNER/AK_ATP	QM7002	SAP ABAP Job	4	101	00:25:09	0	0
/LTB/RETENTION	QM7002	SAP ABAP Job	2	79	00:23:49	0	0
CRBPA:DC_CONTROLLER(CALM_TEST)	QM7002	SAP ABAP Job	2,916	60	00:00:02	0	0
HOME_DPP_JOB_IRF	QM7002	SAP ABAP Job	2	53	00:26:03	0	0
/AIF/PSMD_001_0000019384	QM7002	SAP ABAP Job	6	42	00:06:56	0	0
SRF_TJD_CREATE_REPORTING_TASKS	QM7002	SAP ABAP Job	5	42	00:08:22	0	0
SUT_AUNIT_RUNNER/ATP_SUP	QM7002	SAP ABAP Job	2	40	00:19:53	0	0
SUT_IMPORT_LISTENER	QM7002	SAP ABAP Job	658	37	00:00:04	0	0
RSUT_COUNTER_SYNCHRONIZE	QM7002	SAP ABAP Job	48	36	00:00:45	0	0
CNV_ANA2_ANA	QM7002	SAP ABAP Job	85	34	00:00:24	21	25
SUT_AUNIT_RUNNER/CMM-LOGANA	QM7002	SAP ABAP Job	1	30	00:00:00	0	0
CNV_OR_SYS_STATS_CALC	QM7002	SAP ABAP Job	1	29	00:28:31	0	0

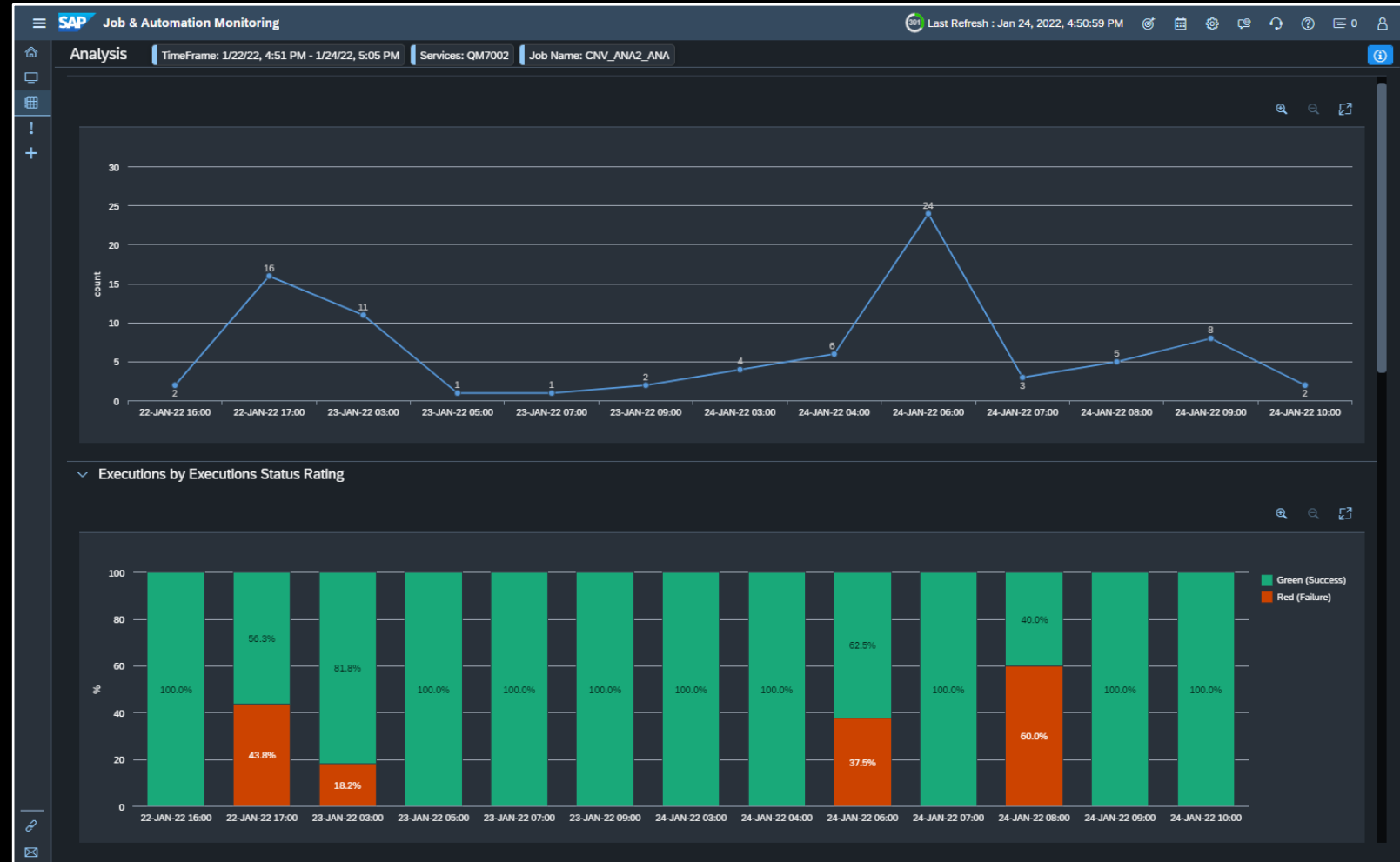
Using Job & Automation Monitoring in SAP Cloud ALM (6/6)

Analyze Runtime and Failure Trends

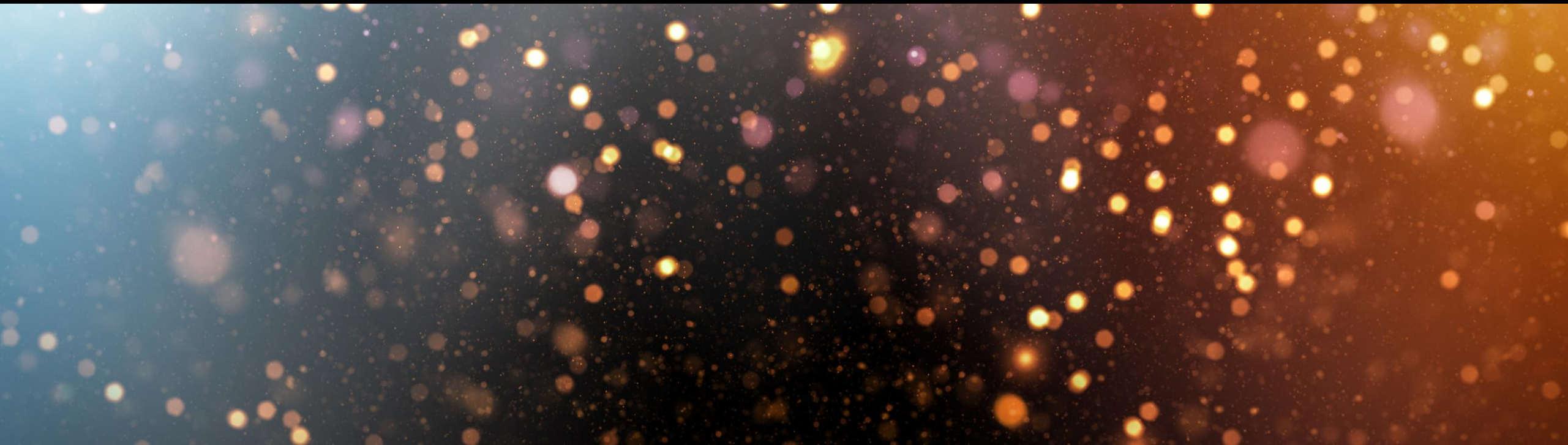
- After identifying jobs or automations which have high runtimes or failure rates in a given time frame you can drill down into trend reporting on:

- Total Number of Executions
- Executions by Executions Status Rating
- Total Number of Executions with Red Executions Status
- Total Run Time of Executions
- Average Run Time of Executions

Outlook: In Q2 it is planned to provide information on runtime and failure trend over a time period.



Configure **Alerting**



Configure Alerting in Job & Automation Monitoring

The screenshot displays the SAP Job & Automation Monitoring interface. The main view shows an overview of services and their alerting status. A yellow arrow points from the 'Alerting Rules' section to the 'Configuration for Services' dialog box.

Overview

Time Frame: 1/24/22, 12:00 AM - 1/26/22, 10:55 AM | Services: etx-200.wdf.sap.corp, QM7002, qn6-100.wdf.sap.c...

Service	Alerts
etx-200.wdf.sap.corp (SAP S/4HANA Cloud)	7
QM7002 (SAP S/4HANA)	11
qn6-100.wdf.sap.corp (SAP S/4HANA)	1

Alerting Rules

Services (4)

- qn6-100.wdf.sap.corp (SAP S/4HANA) [ON]
- SAP Application Job [ON]
- S1S100 (SAP BTP ABAP Environment) [ON]
- SAP Application Job [ON]

Configuration for Services

etx-200.wdf.sap.corp (SAP S/4HANA Cloud)

Alerting

Alert Name	Alert Category	Active	Last Changed By	Last Changed At
<input type="checkbox"/> Critical Exec Status for APJ_DEMO_REPORT	Critical Execution Status	<input checked="" type="checkbox"/>	gergely.spiry@sap.com	Jan 25, 2022 18:11:24
<input type="checkbox"/> Critical Appl Status for APJ_DEMO_REPORT	Critical Application Status	<input checked="" type="checkbox"/>	gergely.spiry@sap.com	Jan 25, 2022 18:11:14
<input type="checkbox"/> Runtime above 2 min for job	Critical Runtime	<input checked="" type="checkbox"/>	gergely.spiry@sap.com	Jan 25, 2022 18:10:58
<input type="checkbox"/> Delay above 2 min for job detected	Critical Delay	<input checked="" type="checkbox"/>	gergely.spiry@sap.com	Jan 25, 2022 18:10:41

Save Cancel Close

Alert configuration for the services in scope can be accessed from the configuration pane.

Configure Alerting in Job & Automation Monitoring

SAP Job & Automation Monitoring

Services: etx-200.wdf.sap.corp | Order By: Current Rating

Alerting

Alerts (7)

You can filter alerts by job (or automation) name or type.

Alert Name and Message	Alert Context	Object Details	Worst Rating	Last Updated	Status	Processor
<input type="checkbox"/> Critical Appl Status for APJ_DEMO_REPORT Latest Application Status is Red	etx-200.wdf.sap.corp	NAME = AJM housekeeping test (One time multiple) TYPE = SAP Application Job	×	Jan 26, 2022, 7:11:10 AM	Open	
<input type="checkbox"/> Critical Exec Status for APJ_DEMO_REPORT Latest Execution Status is Red	etx-200.wdf.sap.corp	NAME = AJM housekeeping test (One time multiple) TYPE = SAP Application Job	×	Jan 26, 2022, 7:11:10 AM	Open	

Configuration for Services

etx-200.wdf.sap.corp (SAP S/4HANA Cloud)

Alerting

Alerts / Critical Appl Status for APJ_DEMO_REPORT

Alert Settings

Alert Type: Critical Application Status

Alert Name *: Critical Appl Status for APJ_DEMO_REPORT

You can define alert names, that help you to notify specific persons.


Parameter	Operator	Value
Job / Automation Executable Name	Is	APJ_DEMO_REPORT
Job / Automation Execution User	Is	
Job / Automation Name	Is	

You can define to get alerted for specific job (or automation) names.

Save Cancel Close

Configure Alerting in Job & Automation Monitoring

Intelligent Event Processing



SAP Intelligent Event Processing

Event Processing Rules

Rule Overview / Add Rule

1 Rule Information — 2 Event — 3 Actions

2. Event

Type: Job & Automation Monitoring

Alert Name*: housekeeping x

Alert Context*: etx-200.wdf.sap.corp x

Step 3

You can notify persons based on string values in **alert name** and the **service name**.

Critical Exec Status for housekeeping job detected

SAP Cloud ALM Notifications
To: Spiry, Gergely
Mi 07.07.2021 08:08

Reply Reply All Forward

If there are problems with how this message is displayed, click here to view it in a web browser.

SAP Cloud ALM for Operation
Critical Exec Status for housekeeping job detected - etx-200.wdf.sap.corp

Alert Context : etx-200.wdf.sap.corp

Service Type : SAP_S4HANA

Object Details : NAME = AJM housekeeping test (One time multiple) | TYPE = SAP S/4HANA Application Job

Reported at : 2021-07-07 06:08:04

Rating : Critical

Priority : Very High

Status : Open

Please click [Alert](#) for more details

Using Job & Automation Monitoring in SAP Cloud ALM



Availability & Roadmap



Available now (January 2022)

- Content: Monitoring S/4HANA Cloud application jobs, Intelligent RPA jobs and SAP ABAP jobs (On-Premise), SAP BW Process Chains
- Alerting and Notifications
- Analytics and Trend Reporting

Continuous delivery of new content and functionality

Until End of 2022 we plan to offer

- Monitoring for
 - BTP applications: SAP Resource Mgmt. and SAP Data Privacy Integration (cloud)*
 - ABAP Business Workflow (On-Premise)*
- Improved alerting capabilities (not only fixed thresholds)*
- Integration with Exception Management*

<https://support.sap.com/en/alm/sap-cloud-alm.html>

*This is the current state of planning and may be changed by SAP at any time.

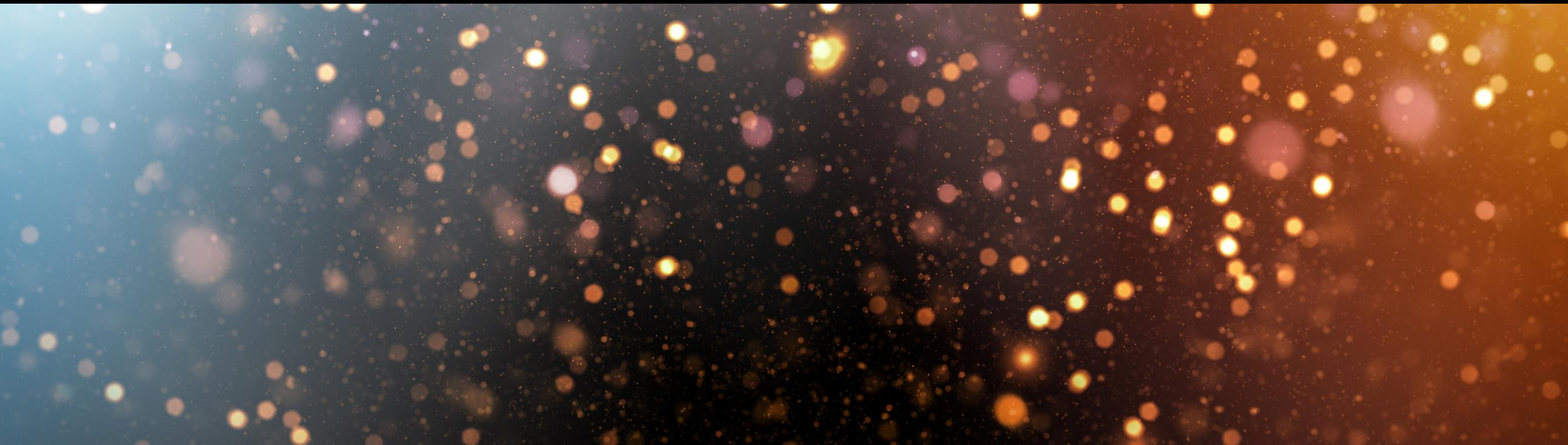
Job & Automation Monitoring in SAP Cloud ALM

You learned:

- That the Job & Automation Monitoring application helps you to monitor the performance and availability of your automation processes
- The basic and generic concept of the Job & Automation Monitoring application
- How to use Job & Automation Monitoring application
- How to use Analysis in Job & Automation Monitoring application
- How to configure alerts and notifications in Job & Automation Monitoring

You got an outlook on the roadmap.

Poll



We ask, you answer!

Go to www.menti.com

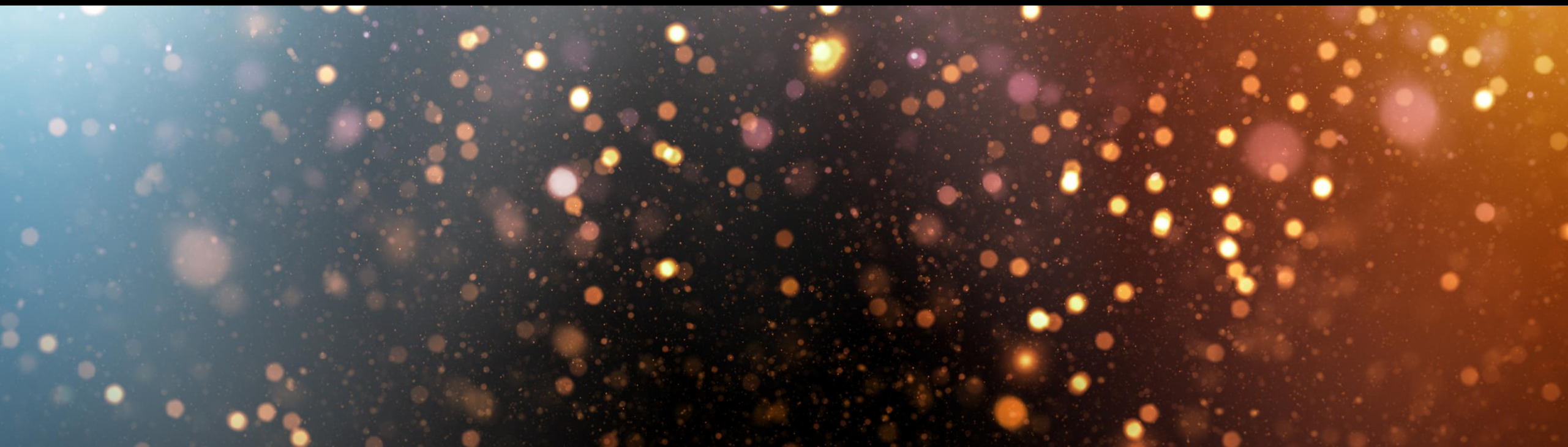
Enter code **4654 0813**

or use the QR code

<https://www.menti.com/x34ffyx11w>



Additional Information



Join us on SAP Community!



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>

New **openSAP** course with SAP Cloud ALM

The screenshot shows the openSAP course page. At the top, the openSAP logo is followed by navigation links: Channels, Courses, Microlearning, Podcasts, and News. The course title 'Hire to Retire – Strategy, Implementation, and Operations' is prominently 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'. Below this is a navigation bar with icons for Learnings, Discussions, Progress, Collab Space, Course Details (selected), and Announcements. The main content area features a video player on the left showing a woman speaking, with a play button and a progress bar at 02:10. To the right of the video are social sharing buttons for Facebook, Twitter, LinkedIn, and Email. Below these is a description of the course: 'Join this free online course to learn about SAP's holistic HR strategy, how it relates to our Intelligent Enterprise Suite, including SAP SuccessFactors Human Experience Management Suite, and the end-to-end Recruit to Retire business process and its three sub-processes Hire to Retire, Travel to Reimburse, and External Workforce Management.' The course dates are 'January 18, 2022 - February 16, 2022' and the language is 'English'. At the bottom, there is an 'Enroll me for this course' button with a right arrow icon.

- Start date: January 18th, 2022
- Duration: 3 weeks & Final Exam
- Week 1: Strategy and Innovations
- Week 2: Innovations in Hire to Retire
- Week 3: Implement and Operate Hire to Retire

[Click to Enroll!](#)


SAP Cloud ALM for SAP Success Factors

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[SAP Support Portal Home](#) / [Application Lifecycle Management](#) / [SAP Cloud ALM](#)
SAP Cloud ALM for SAP SuccessFactors
[Overview](#) [Information](#)

SAP Cloud ALM for SAP SuccessFactors

Maximize the value of SAP SuccessFactors



Why SAP Cloud ALM?

SAP Cloud ALM is our application lifecycle management (ALM) offering for cloud-centric customers. It helps you to realize the full value of your SAP SuccessFactors investment.

SAP Cloud ALM for SAP SuccessFactors:

- ✓ Provides a clear guided methodology to **deploy, adopt and extend new capabilities** across your organization
- ✓ Includes **best practice recommendations** for the implementation of your HR processes
- ✓ Supplies **monitoring for business processes and integrations** to minimize disruptions
- ✓ **Orchestrates and automates** standard operations and error handling procedures
- ✓ Is **included with SAP SuccessFactors subscriptions** at no additional cost

[Overview](#)
✓ [Value proposition \(PDF\)](#)

[Communities](#)
✓ [SAP ALM Community](#)

[Resources](#)
✓ [SAP SuccessFactors](#)


- Value proposition
- Functional Overview
- SAP Cloud ALM for implementation & operations

[🔗 Landing page](#)

[Blog post](#)

“In-Depth with SAP S/4HANA” Series (Feb 14-21)

Product Information



Tan Sang Dao

June 30, 2021 | 3 minute read

In-Depth With SAP S/4HANA Series


1 14 1,451

Updated: 12th January 2022

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SAP S/4HANA Series**

Product Deep-dive Training

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THE BEST RUN 

Click on the banner to register, sign-up instruction is below

We at SAP S/4HANA Product Success, Co-Innovation and Content always strive to enable our valued customers and partners to take full advantage of our fully-fledged SAP S/4HANA Cloud solution. We continually aim to improve our offerings and help our customers get the maximum value out of their investment in SAP S/4HANA Cloud. With our quarterly releases, we offer various enablement assets which explain the features and functions as well as the business benefits of new innovations.

We aspire to do more for our customers, to ensure our customers have the expertise and understanding of our innovations at the right time, to help them take full advantage and start using them.

- Product expert sessions on SAP S/4HANA & SAP S/4HANA Cloud topics, independently from quarterly release enablement.
- Quarterly webinar and on-demand sessions, offered via Learning Hub.
- Target audience: SAP S/4HANA Cloud & SAP S/4HANA On-Prem customers, partners, employees.

Sessions	Time
Registration for Indirect Taxation Abroad (RITA) <i>Target audience: SAP S/4HANA Cloud</i>	Monday, February 14 th , 15:00 – 16:30 CET
SAP Financial Compliance Management <i>Target audience: SAP S/4HANA & SAP S/4HANA Cloud</i>	Tuesday, February 15 th , 15:00 – 16:30 CET
SAP S/4HANA Manufacturing for Planning and Scheduling <i>Target audience: SAP S/4HANA</i>	Wednesday, February 16 th , 15:00 – 16:00 CET
SAP Cloud ALM for Operations <i>Target audience: SAP S/4HANA & SAP S/4HANA Cloud</i>	Thursday, February 17th, 15:00 – 16:15 CET
Test Automation Tool for SAP S/4HANA Cloud: Building Your Automation Regression Suite <i>Target audience: SAP S/4HANA Cloud</i>	Monday, February 21 st , 15:00 – 16:30 CET

 [Blog post](#)

We will be back!

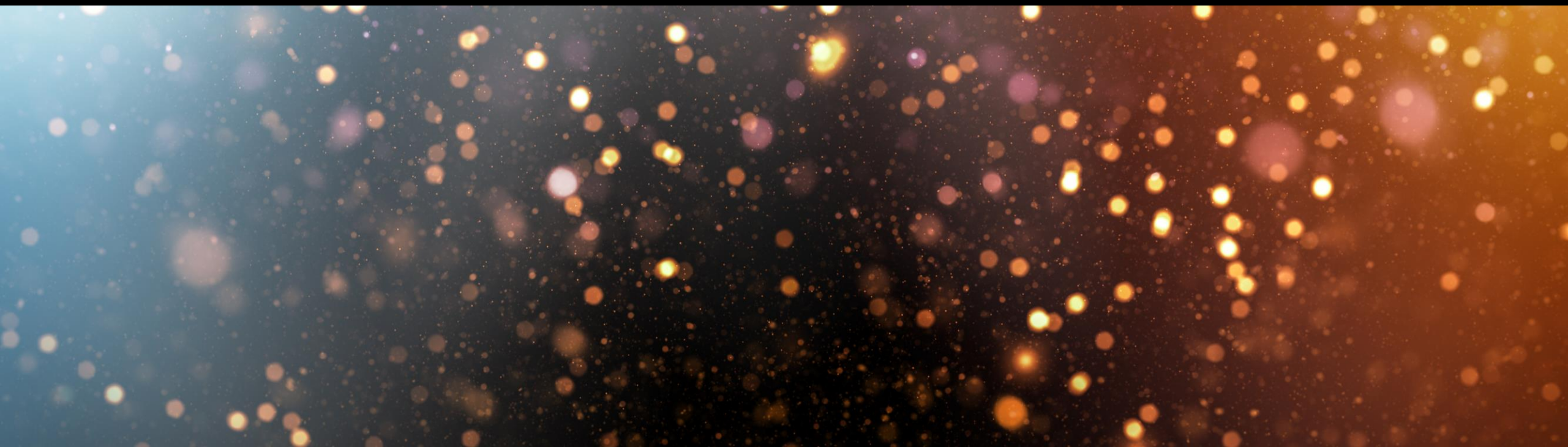
The next SAP Cloud ALM Expert Community Call will take place on

March 2nd, 4pm CET | 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:

Tonja Kehrer

cloudalm@sap.com