

# SAP Community Call

## For SAP Cloud ALM Experts

SAP SE  
April 2023

PUBLIC

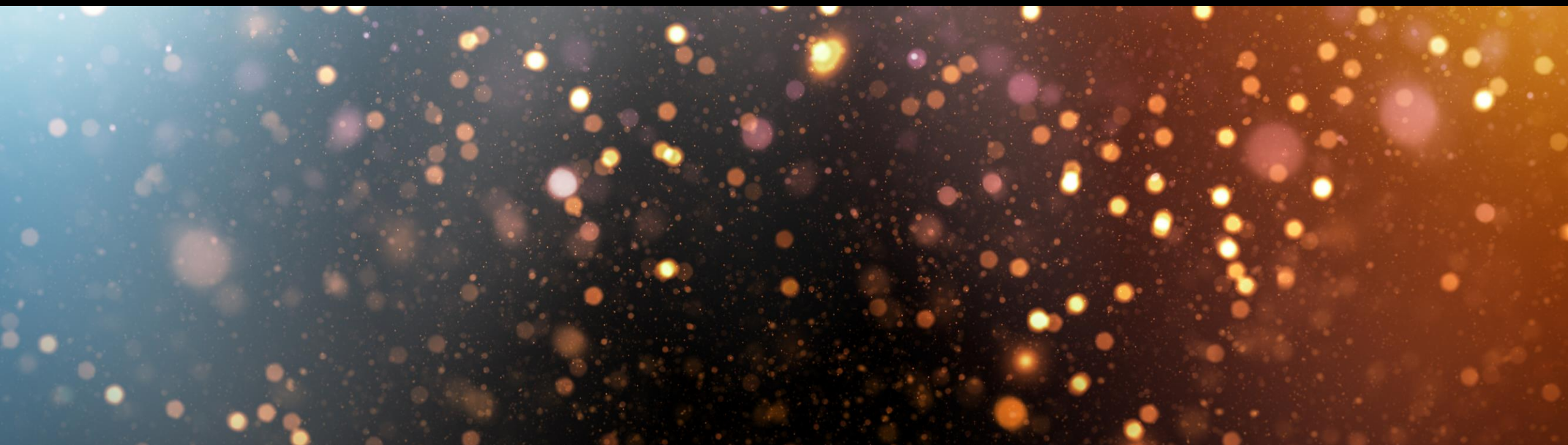
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**Welcome**



# SAP Community Call for SAP Cloud ALM Experts | Agenda for **April 5, 2023**

## Focus topic: **SAP Cloud ALM for Operations**

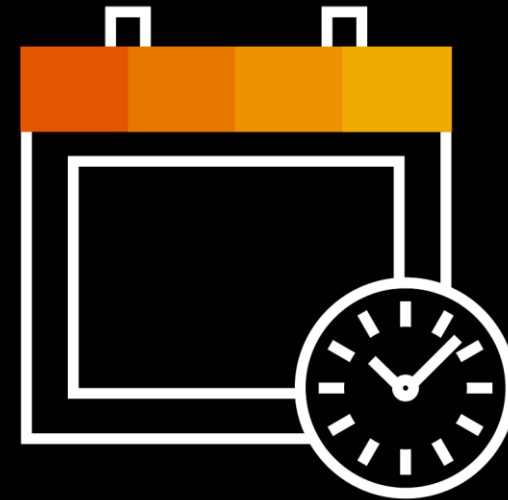
Welcome

Job & Automation Monitoring Update

We ask, you answer | Menti poll

Additional Information

You ask, we answer | Q&A



# Speakers



Tonja Kehrer

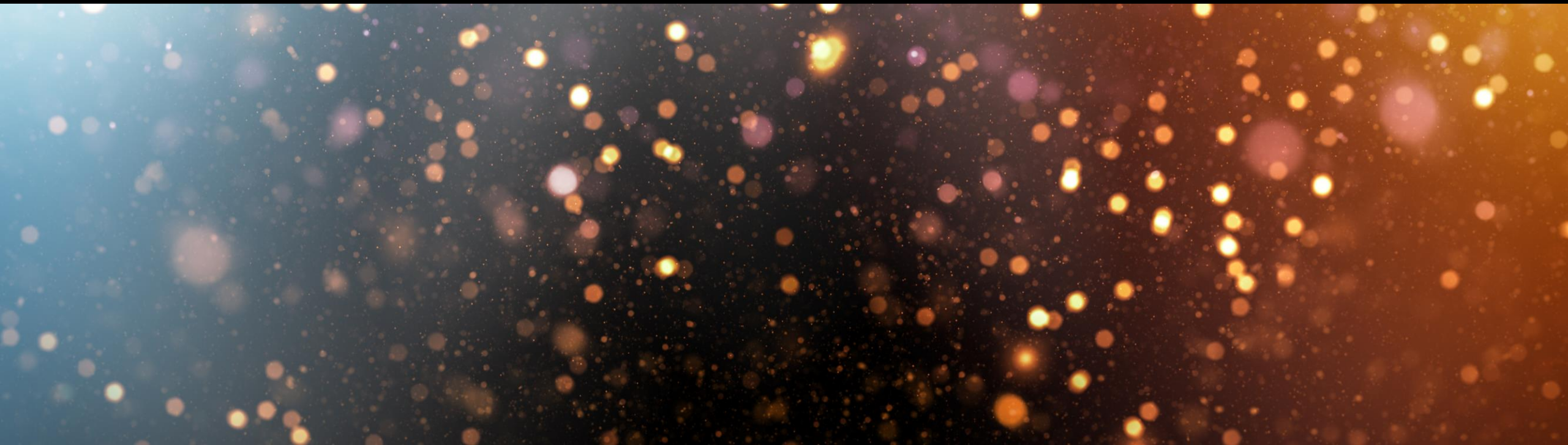


Venkatesh R



Stefan Lahr

# Job & Automation Monitoring



# Abstract

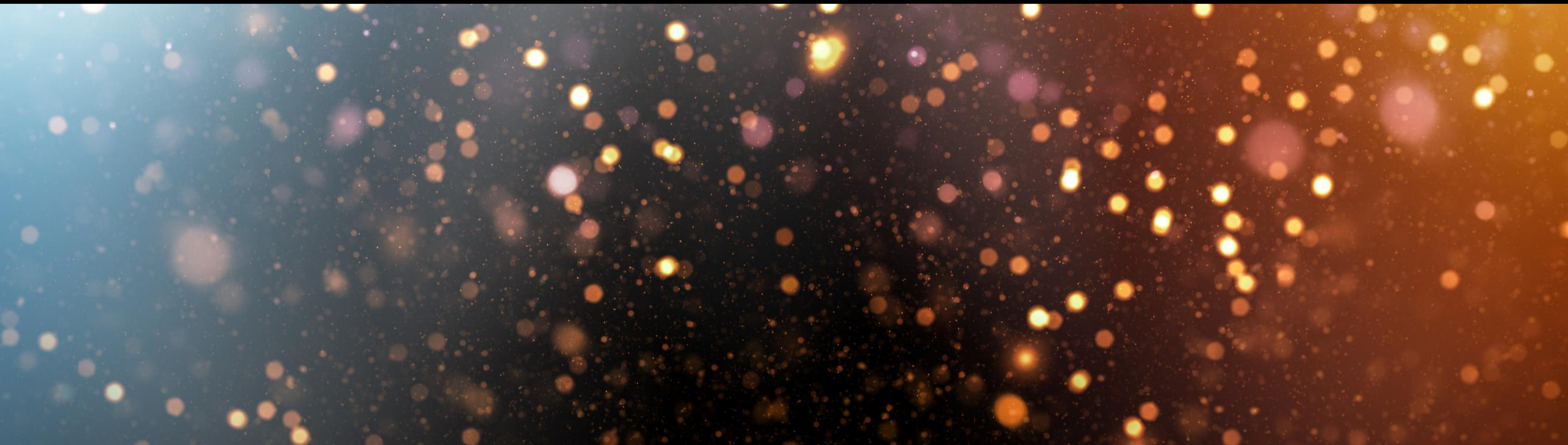
With Job & Automation Monitoring in SAP Cloud ALM, currently it is possible to monitor SAP S/4HANA Application Jobs, SAP ABAP Jobs, SAP BW Process Chains, SAP Build Process Automation Jobs (or SAP Intelligent RPA jobs), SAP Business Workflow.

Later in 2023, we plan to offer monitoring for further job and automation types, like SAP BTP scheduler jobs and SAP Build Process Automation Processes.

In this session, we will show the general usage of the application and delta from the last call

# Job & Automation Monitoring

## General Information

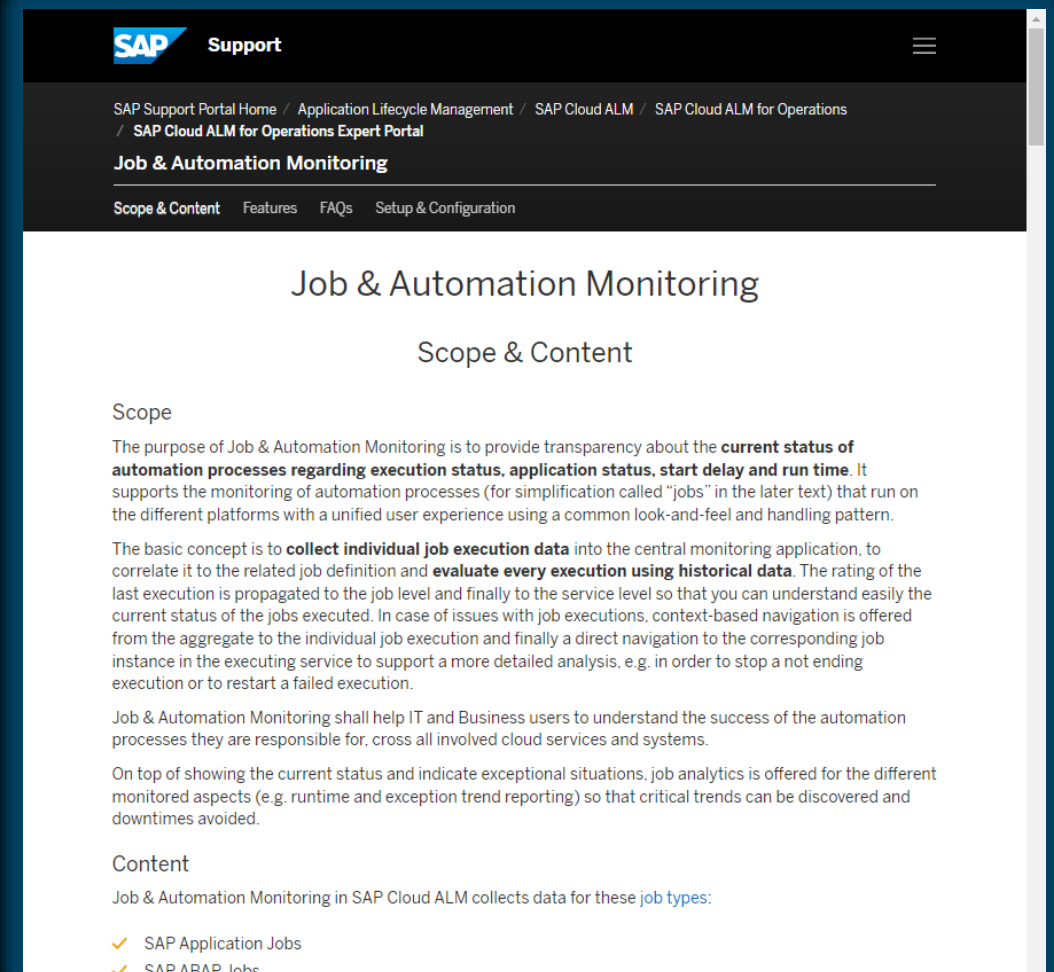




# SAP Cloud ALM Expert Portal – Usage and Configuration

- General Information
- Features
- FAQs
- Setup and Configuration

Expert Portal



The screenshot shows the SAP Support portal interface for 'Job & Automation Monitoring'. The breadcrumb trail is: SAP Support Portal Home / Application Lifecycle Management / SAP Cloud ALM / SAP Cloud ALM for Operations / SAP Cloud ALM for Operations Expert Portal. The page title is 'Job & Automation Monitoring' and the sub-section is 'Scope & Content'. The 'Scope' section explains that the purpose is to provide transparency about the current status of automation processes regarding execution status, application status, start delay, and run time. It also describes the basic concept of collecting individual job execution data and evaluating every execution using historical data. The 'Content' section lists the job types: SAP Application Jobs and SAP ABAP Jobs.

SAP Support

SAP Support Portal Home / Application Lifecycle Management / SAP Cloud ALM / SAP Cloud ALM for Operations / SAP Cloud ALM for Operations Expert Portal

## Job & Automation Monitoring

Scope & Content

### Scope

The purpose of Job & Automation Monitoring is to provide transparency about the **current status of automation processes regarding execution status, application status, start delay and run time**. It supports the monitoring of automation processes (for simplification called "jobs" in the later text) that run on the different platforms with a unified user experience using a common look-and-feel and handling pattern.

The basic concept is to **collect individual job execution data** into the central monitoring application, to correlate it to the related job definition and **evaluate every execution using historical data**. The rating of the last execution is propagated to the job level and finally to the service level so that you can understand easily the current status of the jobs executed. In case of issues with job executions, context-based navigation is offered from the aggregate to the individual job execution and finally a direct navigation to the corresponding job instance in the executing service to support a more detailed analysis, e.g. in order to stop a not ending execution or to restart a failed execution.

Job & Automation Monitoring shall help IT and Business users to understand the success of the automation processes they are responsible for, cross all involved cloud services and systems.

On top of showing the current status and indicate exceptional situations, job analytics is offered for the different monitored aspects (e.g. runtime and exception trend reporting) so that critical trends can be discovered and downtimes avoided.

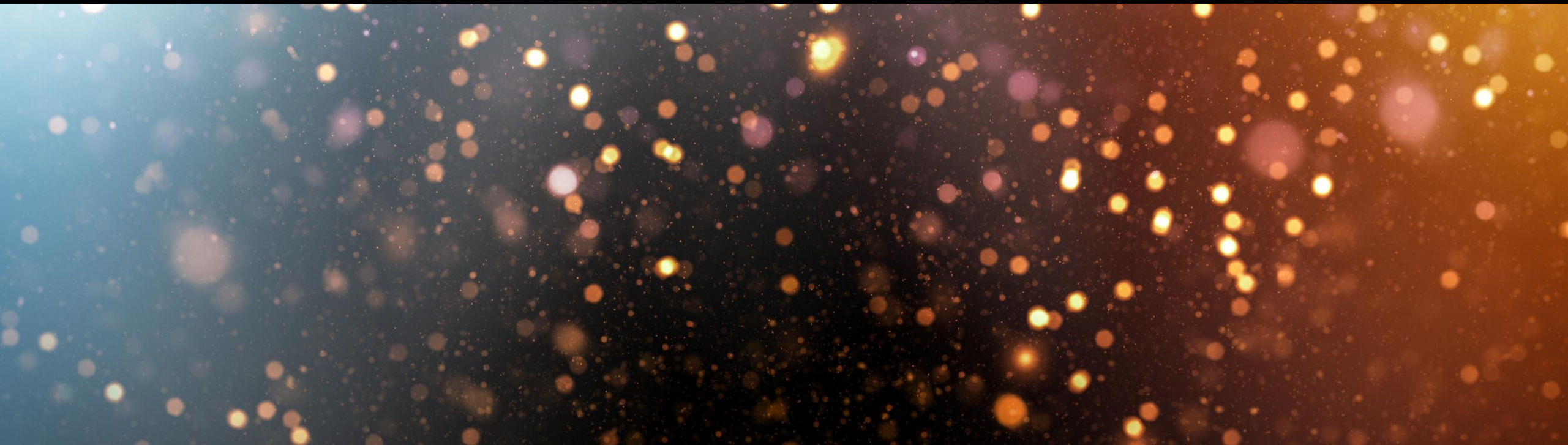
### Content

Job & Automation Monitoring in SAP Cloud ALM collects data for these **job types**:

- ✓ SAP Application Jobs
- ✓ SAP ABAP Jobs

# **Job & Automation Monitoring**

## **Delta since Feb 2022**



# Job & Automation Monitoring - New Features delivered in Q1/2022

## New and Unified Home Page



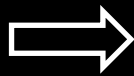
On the **new home page** you get an insight into the jobs and automated actions based on specific metric and alert data available. **Each card** represents a **managed component**. By clicking on the numbers you are navigated to the monitoring or alerting.

The screenshot shows 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 "Mar 23, 2022, 9:57:54 AM". Below the navigation bar, the main content area displays an "Overview" section for the service "etx-200.wdf.sap.corp". A red box highlights a card for "SAP Application Job (10)" with the following data:

etx-200.wdf.sap.corp SAP S/4HANA Cloud	
SAP Application Job (10)	
With Technical Exceptions	2
With Application Exceptions	2
With High Run Time	0
Alerts	36

# Job & Automation Monitoring - New Features delivered in Q1/2022

## Understand Job and Automation Runtime and Failure Rate Trends



You can now understand **trends** of the individual jobs and automations regarding **run time** and **failure rate** within the time frame selected comparing the executions before and after the **comparison point**.

The screenshot shows 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 "Apr 5, 2022, 12:54:26 PM". Below the navigation bar, the "Analysis" section displays the "Time Frame: 3/22/22, 1:00 PM - 4/5/22, 1:00 PM" and "Services: Master1-04-10-2021, etx-200.wdf.sap.corp". A red box highlights the "Comparison Point: Mar 29, 2022, 12:30:06 PM" field. The main content area shows a table titled "Jobs and Automations (8)". The table has columns for "Name", "Service", "Job or Au...", "Total Ex...", "Red Execution Status", "Red Application Status", and "Run Time". The "Red Execution Status" and "Red Application Status" columns are further divided into "Count", "Rate", and "Trend". A red box highlights the "Trend" column, showing values like "—" and "→".

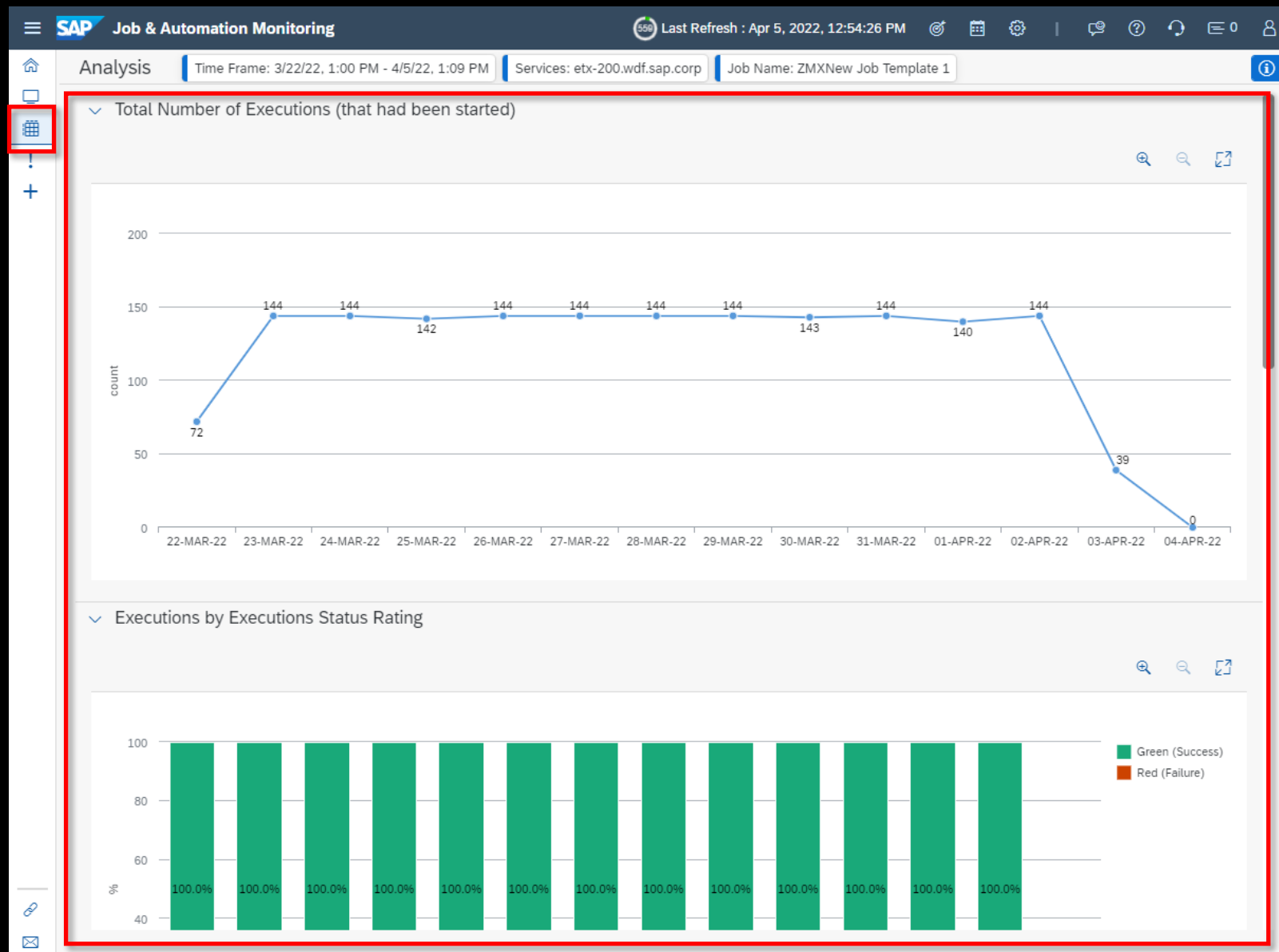
Name	Service	Job or Au...	Total Ex...	Red Execution Status			Red Application Status			Run Time		
				Count	Rate	Trend	Count	Rate	Tr...	Total	Avera...	Trend
ZMXNew Job Template 1	etx-200.wdf.sap.corp		1,688	0	0 %	—	0	0 %	—	7 min	1 sec	—
DST switch 1 (don't delete this jo...	etx-200.wdf.sap.corp	SAP Appli...	14	0	0 %	—	0	0 %	—	1 min	1 sec	—
DST switch 2 (don't delete this job)	etx-200.wdf.sap.corp	SAP Appli...	14	14	100 %	→	14	100 %	→	1 min	1 sec	→
Application job demo report	etx-200.wdf.sap.corp		28	0	0 %	—	0	0 %	—	1 min	1 sec	—
JobMon Test (every 2nd day)	etx-200.wdf.sap.corp	SAP Appli...	7	7	100 %	→	7	100 %	→	1 min	1 sec	—
JobMon Test (every month)	etx-200.wdf.sap.corp	SAP Appli...	1	1	100 %	—	1	100 %	—	0 min	0 sec	—
JobMon Test (every week)	etx-200.wdf.sap.corp	SAP Appli...	2	2	100 %	→	2	100 %	→	0 min	0 sec	—
JobMon Test (every 2 weeks)	etx-200.wdf.sap.corp	SAP Appli...	1	1	100 %	—	1	100 %	—	0 min	0 sec	—

# Job & Automation Monitoring - New Features delivered in Q1/2022

## View the Job and Automation Trend



You can now drill down into various **trend charts** of the jobs and automations for the selected period of time. To display the trend chart, you have to click the **Show Trends** icon in the respective row on the **Analysis** page.



# Job & Automation Monitoring - New Features delivered in Q1/2022

## Add Notifications and Operation Flows Directly from the Application

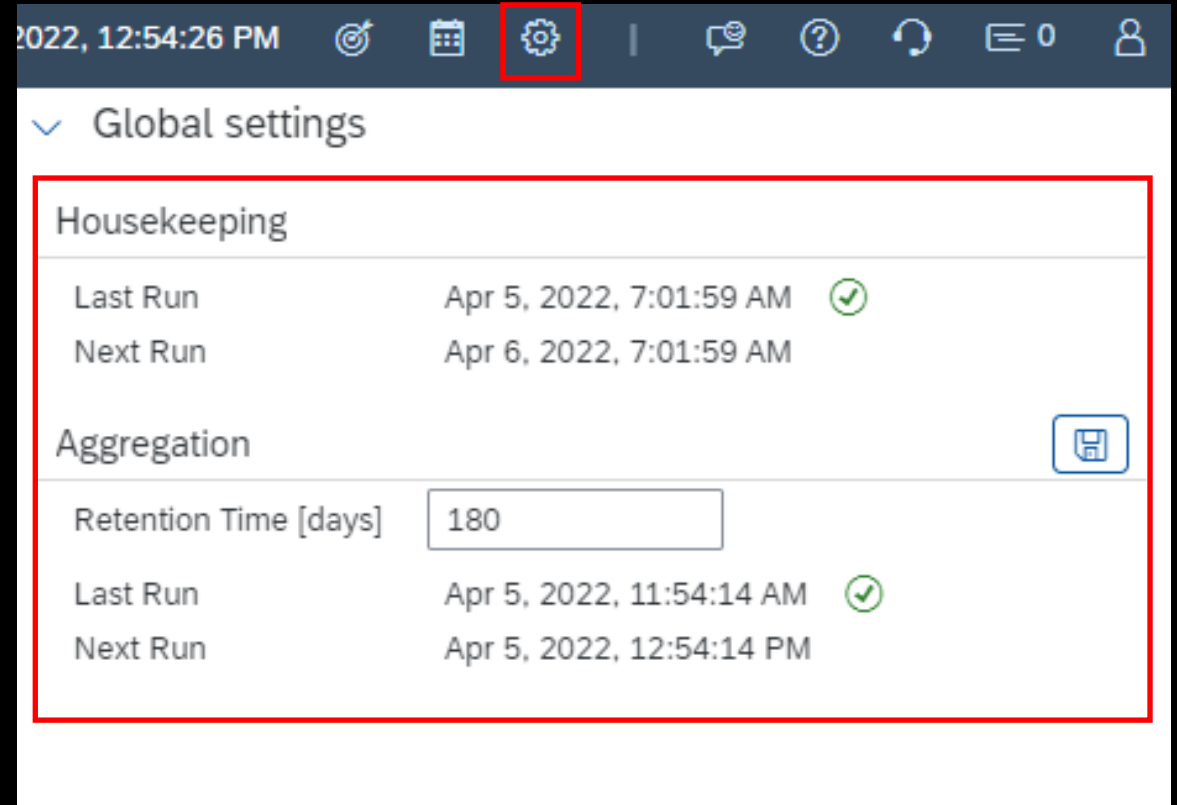


If an **event occurs**, you can now configure additional event actions directly from the monitoring application. The configurable actions are **creating alerts**, sending **email notifications**, or triggering the automatic execution of an **operation flow**.

A screenshot of the SAP Job &amp; Automation Monitoring configuration interface. The window title is "Configuration for Services". The breadcrumb trail shows "Services" &gt; "if.sap.corp (SAP S/4HANA Cloud)". A red box highlights the "Events" icon in the top navigation bar. Below it, the "Event Settings" section is visible, with "Event Type" set to "Critical Execution Status" and "Event Name" set to "Critical Execution Status for job detected". A table lists parameters for the event, including "Job / Automation Executable Na...", "Job / Automation Execution User", and "Job / Automation Name", each with an "Is" operator and an empty value field. A second red box highlights the "Event Actions" section, which includes "Create Alert" and "Send Email To" (both with "ON" toggle switches). Below these are details for a recipient: "@sap.com", last modified on "Apr 5, 2022, 12:47:14 PM", and validity "Oct 2, 2022, 12:48:02 PM". At the bottom right, there are "Save", "Cancel", and "Close" buttons.

# Job & Automation Monitoring - New Features delivered in Q1/2022

## Manage Retention Time of Aggregated Data



Individual job executions are **reorganized considering job frequency**, if job has an exception or has been alerted. At least the **last 15 executions** are kept. This can not be influenced.

Individual job & automation monitoring data was aggregated since end of 2021 and is kept since then. As of 04/2022 for the aggregated data, you can set the **retention time** (default is 365 days).

# Job & Automation Monitoring - New Features delivered in Q2/2022

## Favorites for Monitoring



SAP Job & Automation Monitoring

Last Refresh : Jun 29, 2022, 4:25:43 PM

Monitoring | Time Frame: 6/27/22, 4:25 PM - 6/29/22, 4:25 PM | Services/Systems: MyIBP\_01

Services/Systems / Jobs or Automations

Rating is propagated from the list of job executions

Name	Job Type	Exec...	Applicat...	Star...	Run ...	Service/System	O...
Planning Model Activation (MD: ADIRESOURCE)	SAP Application Job	✓	✓	✗	✓	MyIBP_01	0
Planning Model Activation (MD: ADIPDS)	SAP Application Job	✓	✓	✓	✓	MyIBP_01	0
Planning Model Activation (MD: ADDRESOURCE)	SAP Application Job	✓	✓	✓	✓	MyIBP_01	1



SAP Job & Automation Monitoring

Last Refresh : Jun 29, 2022, 4:37:56 PM

Overview | Favorites

Favorites

Planning Model Activation Jobs  
Current Execution Status

Planning Model Activation (MD: ADIRESOURCE) ✓  
SAP Application Job - MyIBP\_01

Planning Model Activation (MD: ADIPDS) ✓  
SAP Application Job - MyIBP\_01

Alerts 1

In the **Monitoring view** for a list of jobs you have now the option to set them as **favorite**.

Set the **title and subtitle** for the favorite card via the **star** icon. From the favorite card you can forward navigate to monitoring.



# Job & Automation Monitoring - New Features delivered in Q2/2022

## SAP Intelligent RPA Jobs: Notifier Execution Failures



The screenshot shows 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 "Jun 29, 2022, 4:45:49 PM". Below the navigation bar, the breadcrumb trail reads "Monitoring > Services/Systems: MyIRPA\_01 > Job Type: SAP Intelligent RPA Job > Job Name: Email Bot - HR (Hiring)". The main content area displays a table titled "Executions of Email Bot - HR (Hiring)". The table has columns for "Planned Start Time", "Start Time", "End Time", "Executi...", "Applicati...", "Start Delay", and "Run Time". The second row in the table has a red square icon in the "Applicati..." column, which is highlighted by a red box. A yellow arrow points from this red box to the "Exception monitoring" screenshot below.

	Planned Start Time	Start Time	End Time	Executi...	Applicati...	Start Delay	Run Time
ⓘ	Jun 29, 2022, 4:43:37 PM	Jun 29, 2022, 4:43:38 PM	Jun 29, 2022, 4:43:45 PM	✓ Finis...	✓	✓ 00:00:01	✓ 00:00:07
ⓘ	Jun 29, 2022, 3:45:09 PM	Jun 29, 2022, 3:45:09 PM	Jun 29, 2022, 3:45:11 PM	✓ Finis...	✗	✓ 00:00:00	✓ 00:00:02
ⓘ	Jun 29, 2022, 2:43:45 PM	Jun 29, 2022, 2:43:46 PM	Jun 29, 2022, 2:43:47 PM	✓ Finis...	✓	✓ 00:00:01	✓ 00:00:01
ⓘ	Jun 29, 2022, 1:43:57 PM	Jun 29, 2022, 1:43:57 PM	Jun 29, 2022, 1:44:06 PM	✓ Finis...	✓	✓ 00:00:00	✓ 00:00:09
ⓘ	Jun 29, 2022, 12:43:39 PM	Jun 29, 2022, 12:43:40 PM	Jun 29, 2022, 12:43:41 PM	✓ Finis...	✓	✓ 00:00:01	✓ 00:00:01

**Notifier execution failures** of SAP Intelligent RPA jobs are sent to SAP Cloud ALM at job execution. In the **Monitoring view** a red Application Status Rating indicates such failures and forward navigation to the list of exceptions is offered.

The screenshot shows the "Exception monitoring" view in SAP Job & Automation Monitoring. The top navigation bar includes the SAP logo, the title "Job & Automation Monitoring", and a "Time Frame" of "7/28/22, 4:20 PM - 7/29/22, 4:20 PM". The breadcrumb trail reads "Exception monitoring > Exception Overview / MyIRPA\_01 (All Categories)". The main content area displays a summary of exceptions: "All (2)", "Errors (2)", "Warnings (0)", and "Resolved (0)". Below this, a table titled "Exceptions (2 / 2)" shows two entries, both with a red square icon in the "Stat..." column, indicating errors. The messages for both entries are "Execution failed because of an internal server error". A red box highlights the "Stat..." column and the message text for both entries. A yellow arrow points from the red box in the "Monitoring view" screenshot above to the "Exception monitoring" screenshot.

Stat...	Timestamp	Message
✗	Jun 29, 2022, 3:45:11 PM	Execution failed because of an internal server error
✗	Jun 29, 2022, 3:45:11 PM	Execution failed because of an internal server error

# Job & Automation Monitoring - New Features delivered in Q3/2022

## Switch On or Switch Off Data Collection for Managed Objects



The screenshot shows the SAP Job & Automation Monitoring interface. The main area displays an overview of managed objects with their respective metrics. On the right, a sidebar shows the configuration for these objects, including a search bar and a list of objects with toggle switches for data collection.

Object ID	Object Name	With Technical Exceptions	With Application Exceptions	With High Run Time	Alerts
pt6-001.wdf.sap.corp	SAP Integrated Business Planning	25	27	0	0
pkt-009.wdf.sap.corp	SAP Integrated Business Planning	0	0	0	0
QM7470	SAP S/4HANA	0	0	0	0
QM7002	SAP S/4HANA	No data	No data	No data	0

The configuration sidebar on the right shows the following objects and their data collection status:

- QM7470 (SAP S/4HANA) - SAP ABAP Job, SAP BW Process Chain - ON
- QM7002 (SAP S/4HANA) - Configuration Not Active - OFF
- pkt-009.wdf.sap.corp (SAP Integrated Business Planning) - SAP Application Job - ON
- pt6-001.wdf.sap.corp (SAP Integrated Business Planning) - SAP Application Job - ON

In the **Configuration section**, under **Services/Systems**, you have the option to switch on or switch off the data collection for managed objects.

SAP S/4HANA Cloud: Implementation is delivered as patch to cloud systems from 25th of January 2023 onward.

SAP S/4HANA and SAP Business Suite (SAP NetWeaver Application Server ABAP, higher than 7.40): Implementation is available with ST-PI 7.4 SP20 (RTC on 25th of September 2022).

# Job & Automation Monitoring - New Features delivered in Q3/2022

## Visualization of Heartbeat Status of Managed Services



The screenshot shows the SAP Job & Automation Monitoring interface. The main area displays an "Overview" of managed services. Each service card shows its name, SAP ID, and job count, along with counts for technical, application, and high run time exceptions, and an alert count. A red vertical bar on the left of the first card indicates a heartbeat issue.

Service Name	SAP ID	Job Count	With Technical Exceptions	With Application Exceptions	With High Run Time	Alerts
pt6-001.wdf.sap.corp	SAP Integrated Business Planning	SAP Application Job (84)	25	27	0	0
pkt-009.wdf.sap.corp	SAP Integrated Business Planning	SAP Application Job (6)	0	0	0	0
QM7470	SAP S/4HANA	SAP ABAP Job (16)	0	0	0	0
QM7002	SAP S/4HANA	No data				0

The right sidebar shows "Global settings" and "Monitoring Rating Rules". Under "Services/Systems (4)", a search bar is present, and a list of services is shown with their heartbeat status (ON/OFF) and a red vertical bar next to the first two entries.

In the **Configuration section**, under **Services/Systems**, you can see the heartbeat status, if data collection is on, but no heartbeat, then red light will be shown.

SAP S/4HANA Cloud: Implementation is delivered as patch to cloud systems from 25th of January 2023 onward.

SAP S/4HANA and SAP Business Suite (SAP NetWeaver Application Server ABAP, higher than 7.40): Implementation is available with ST-PI 7.4 SP20 (RTC on 25th of September 2022).

# Job & Automation Monitoring - New Features delivered in Q3/2022

## ABAP Jobs: Job Log and Application Log Exceptions Available



SAP Job & Automation Monitoring

Monitoring | Time Frame: 10/15/22, 12:00 AM - 10/17/22, 4:10 PM | Services/Systems: QM7715 | Metrics: Red Application Status, Yellow Application Status

Services/Systems / Jobs or Automations

Name	Job Type	Execution ...	Applicat...	Start D...	Run Ti...	Service/System	Ope...
CTE_KINGSTON_TF_SCENARIO_TESTS	SAP ABAP Job	⚠	✖	✔	✔	QM7715	1
TDE_DATA_GENERATE_CLASS	SAP ABAP Job	✔	✖	✔	✔	QM7715	0

SAP Job & Automation Monitoring

Monitoring | Time Frame: 4/1/23, 10:06 PM - 4/3/23, 10:06 PM | Services/Systems: QM7715 | Type: SAP ABAP Job | Job/Automation Name: CTE\_KINGSTON\_TF\_SCENARIO\_TESTS

Services/Systems / Jobs or Automations / Executions of CTE\_KINGSTON\_TF\_SCENARIO\_TESTS

Planned Start Time	Start Time	End Time	Execution Sta...	Application Status	Start Delay	Run Time
Apr 3, 2023, 2:30:00 AM	Apr 3, 2023, 2:30:02 AM	Apr 3, 2023, 2:30:15 AM	☒ Canceled...	⚠ Warnings	00:00:02	00:00:13
Apr 2, 2023, 2:30:00 AM	Apr 2, 2023, 2:30:09 AM	Apr 2, 2023, 2:30:34 AM	☒ Canceled...	✔ No Errors or...	00:00:09	00:00:25

SAP Job & Automation Monitoring

Exceptions | Time Frame: 4/1/23, 10:06 PM - 4/3/23, 10:06 PM | Services: QM7715 | Categories: ABAP Aborted Job

Exception Overview / QM7715 (ABAP Aborted Job)

Status	Timestamp	Message	User	Job Name
☒	Apr 3, 2023, 2:30:15 AM	Internal session terminated with a runtime error LOA...	PFEILL	CTE_KINGSTON_TF_SCENARIO_TESTS

SAP Job & Automation Monitoring

Exceptions | Time Frame: 4/1/23, 10:06 PM - 4/3/23, 10:06 PM | Services: QM7715 | Categories: ABAP Application Log

Exception Overview / QM7715 (ABAP Application Log)

Status	Timestamp	Message	User	Program	External ID
⚠	Apr 3, 2023, 2:30:09 AM	Expense Report 3E28E3B9D7D34935BF9F / 1 of sys...	PFEILL	CTE_HOME_TF_EXECUTE_TEST	3E28E3B9D7D34935BF9F1

In the **Monitoring Application**, for individual job executions you see, if there have been job log or application log exceptions and can navigate to them.

SAP S/4HANA and SAP Business Suite (SAP NetWeaver Application Server for ABAP, higher than 7.40): Implementation is available with ST-PI 7.4 SP20 (RTC on 25th of September 2022). Activation of Use case Job Monitoring and Exception Monitoring needed (no configuration in Exception monitoring needed).

# Job & Automation Monitoring - New Features delivered in Q4/2022

## Improved Alert Settings for Execution Status



You can now **restrict the alert creation** for execution status of any rating (**red, yellow, or both**) as per your requirement. For example, you can restrict the alert creation only for execution status with red rating. By default, alert is raised for both red and yellow ratings.

The screenshot shows the 'Configuration for Services/Systems' interface for 'MyS4HANACloud\_01 (SAP S/4HANA Cloud)'. The 'Events' section is active, showing 'Events / Critical Execution Status for job detected'. Under 'Event Settings', the 'Event Type' is 'Critical Execution Status' and the 'Event Name' is 'Critical Execution Status for job detected'. The 'Critical Execution Status' dropdown menu is open, showing options: 'Red or Yellow', 'Red', and 'Yellow'. The 'Event Filters' table below has three rows:

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

Under 'Event Actions', there are three sections: 'Create Alert' (ON), 'Send Email To' (OFF), and 'Start Operation Flow' (OFF). The 'Send Email To' section shows a table with columns 'Recipient', 'Last Modified', and 'Validity', and a '+', 'No data' message.

# Job & Automation Monitoring - New Features delivered in Q4/2022

## View Status Events like Maintenance , Disruption, Degradation



On the Home page, on any card representing a service or a system, there's an option to **view the status of the events**, maintained in the **Business Service Management**, related to the services or systems.

The screenshot shows the SAP Job & Automation Monitoring interface. The top navigation bar includes the SAP logo, the title "Job & Automation Monitoring", and a "Last Refresh : Dec 12," indicator. Below the navigation bar, there are tabs for "Overview" and "Favorites". The "Overview" section displays three service cards: "MyIBP\_01 SAP Integrated Business Planning", "MyMarketingCloud\_01 SAP Marketing Cloud", and "MyS4HANACloud\_01 SAP S/4HANA Cloud". Each card shows the number of SAP Application Jobs and counts for "With Technical Exceptions", "With Application Exceptions", and "With High Run Time". At the bottom of each card, there is an "Alerts" count and a calendar icon (highlighted with a red box), a star icon, and an information icon. The "Favorites" section displays two more service cards: "MyIBP\_01 SAP Integrated Business Planning" and "MySuccessFactorsEC... SAP SuccessFactors Employee Central Payroll". These cards also show job counts and exception counts, with the calendar icon (highlighted with a red box), star icon, and information icon at the bottom.

# Job & Automation Monitoring - New Features delivered in Q4/2022

## Navigate from Monitoring to Alerting



From the **Monitoring** view from column Open Alerts, you can directly drill down into the **Alerting** view alert details related to a job or automation.

SAP Job & Automation Monitoring Monitoring view. The table shows job execution status and open alerts.

Name	Job Type	Execu...	Applicati...	Start ...	Run ...	Service/System	Open Alerts
Constrained Forecast Run	SAP Application Job	✖	✖	✔	✔	MyBtpABAP_01	0
Products: Delete Products	SAP Application Job	✖	✖	✔	✔	MyMarketingClou...	1
FI-CA Data Processing	SAP Application Job	✖	✔	✔	⚠	MyBtpABAP_01	0
Network Notifications - Ariba (Ari...	SAP Intelligent RPA Job	✔	✖	✔	✔	MyIRPA_01	0
Actual Overhead Calculation: Se...	SAP Application Job	✔	⚠	✔	✔	MyS4HANACloud...	1

SAP Job & Automation Monitoring Alerting view. The table shows alert details for a critical execution status.

Alert Name and Message	Managed Components	Object Details	Worst Rating	Last Updated	Status	Managed Component Status	Processor
Critical Exec Status for job detected Latest Execution Status is Red	MyMarketingCloud_01	NAME = Products: Delete Products   TYPE = SAP Application Job	✖	Jan 9, 2023, 10:48:05 AM	Open	📅	>

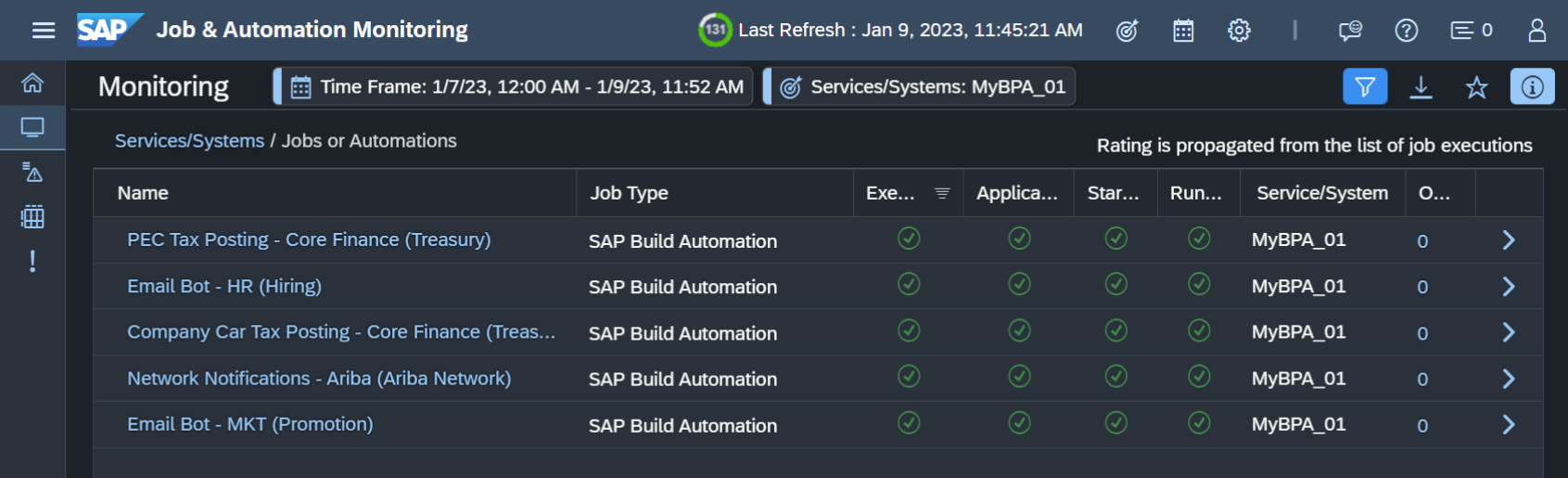
# Job & Automation Monitoring - New Features delivered in Q4/2022

## Newly Supported Products



Newly supported products:

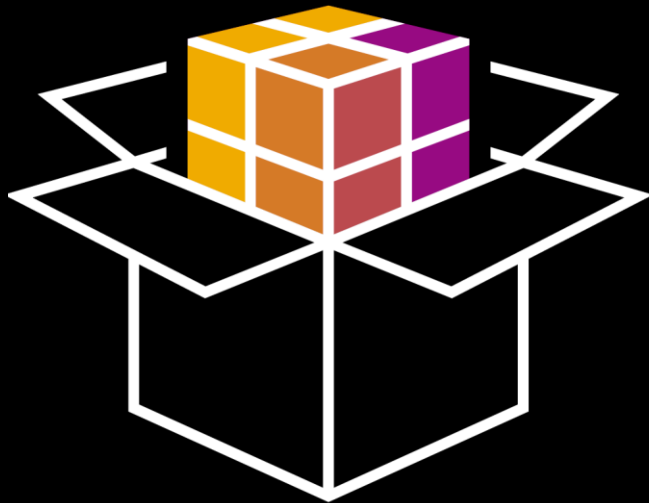
- **SAP Build Process Automation (Automations)**



The screenshot shows the SAP Job & Automation Monitoring interface. The header includes the SAP logo, the title "Job & Automation Monitoring", and a "Last Refresh" timestamp of "Jan 9, 2023, 11:45:21 AM". The main content area is titled "Monitoring" and shows a table of services/systems. The table has columns for Name, Job Type, Execution status, Application status, Star status, Run status, Service/System, and a rating. The data rows show various SAP Build Automations, all with a rating of 0.

Name	Job Type	Exe...	Applica...	Star...	Run...	Service/System	O...
PEC Tax Posting - Core Finance (Treasury)	SAP Build Automation	✓	✓	✓	✓	MyBPA_01	0
Email Bot - HR (Hiring)	SAP Build Automation	✓	✓	✓	✓	MyBPA_01	0
Company Car Tax Posting - Core Finance (Treas...	SAP Build Automation	✓	✓	✓	✓	MyBPA_01	0
Network Notifications - Ariba (Ariba Network)	SAP Build Automation	✓	✓	✓	✓	MyBPA_01	0
Email Bot - MKT (Promotion)	SAP Build Automation	✓	✓	✓	✓	MyBPA_01	0

Note that monitoring for SAP Build Process Automation **Processes** is planned for 2023.





# Job & Automation Monitoring - New Features delivered in Q1/2023

## SAP Business Workflows

- Monitoring provides you the list of workflow definitions, where the list is default sorted by executions status, so that the definitions with failed executions are on the top of the list.
- The **Name** column contains the **technical name**, but the **tool tip** provides the **description**. You can drill down into
  - the executions of the definition
  - the executed tasks

Name	Type	Exec...	Applicat...	Start...	Run ...	Service/System	Op...
WS00800303	SAP Business Workflow	✖	✖	✔	✔	CCF715	2
WS78500007	Release Complete Invoice 5105768766 Fiscal Year 2023	✔	⚠	✔	✔	CCF715	0
WS00800346	SAP Business Workflow	✔	◇	✔	✔	CCF715	0
WS02000458	SAP Business Workflow	✔	◇	✔	✔	CCF715	1

Last Update Time	Start Time	End Time	Execution Status	Applicatio...	Start Delay	Run Time
Feb 17, 2023, 6:37:43 PM	Feb 17, 2023, 6:37:42 PM		✖ ERROR	✖ Errors	✔ 00:00:00	✔ 00:02:16
Feb 17, 2023, 6:36:57 PM	Feb 17, 2023, 6:36:53 PM		✖ ERROR	✖ Errors	✔ 00:00:00	✔ 00:03:05
Feb 17, 2023, 6:34:35 PM	Feb 17, 2023, 6:34:31 PM		✖ ERROR	✖ Errors	✔ 00:00:00	✔ 00:03:27

Executable	Executed By	Start Time	End Time	Execution ...	Applic...	Run Time
Release Complete Invoice 5105768766 Fiscal Year 2023	CC0000000004	Feb 17, 2023, 6:...		✖ ERROR	✖	01:42:35

Details on execution of runid 000000746273

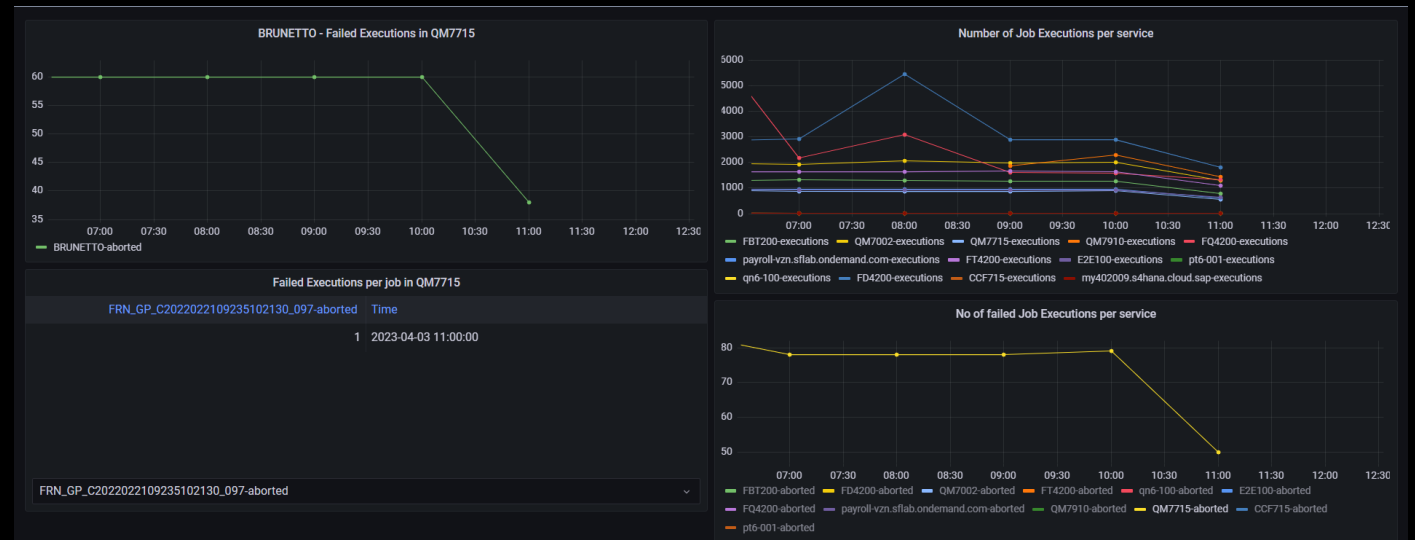
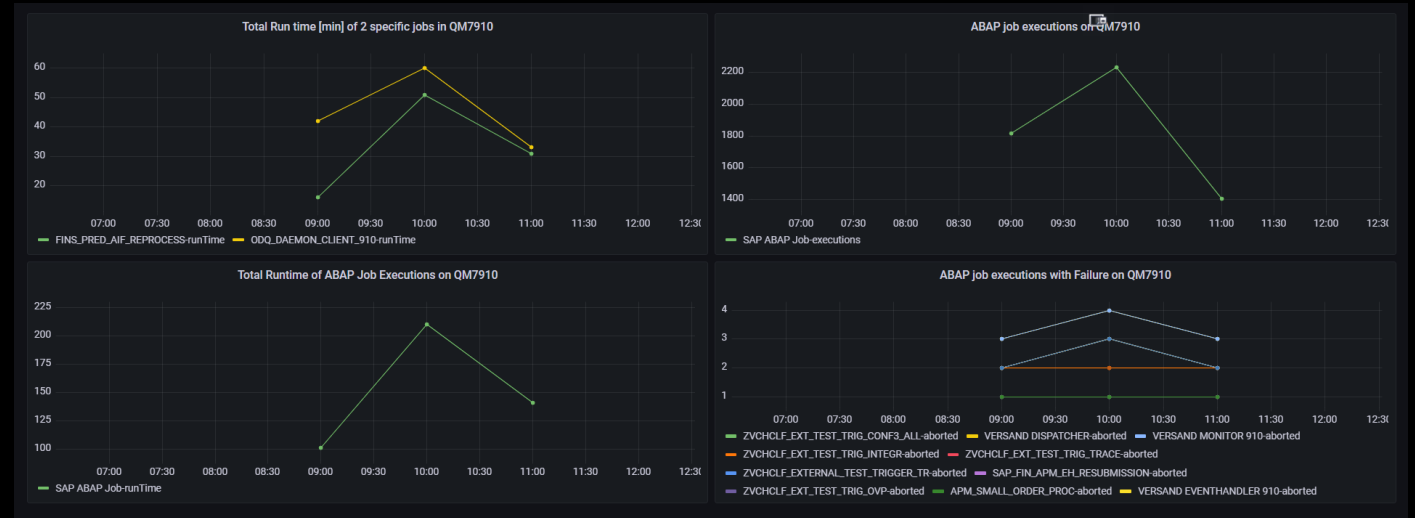
Name	Value
Executable	Release Complete Invoice 5105768766 Fiscal Year 2023
Run ID	000000746273
Executable Run ID	000000746275
Executed By	CC0000000004
Start Time	Feb 17, 2023, 6:37:42 PM

Close

# Job & Automation Monitoring - New Features delivered in Q1/2023

## SAP Cloud ALM Analytics API

- **SAP Cloud ALM Analytics API** is released as part of the SAP API Business Hub
- API can be used to fetch the aggregated job information from Job & Automation Monitoring for consumption externally (e.g. for Grafana Consumption)
- The below metrics are provided with the API;
  - No of executions
  - Runtime (total and average)
  - Execution Status (aborted, warning, success)
  - Application Status (error, warning)



# Using Job & Automation Monitoring in SAP Cloud ALM



# Availability & Roadmap



## Available now (April 2023)

- Content: S/4HANA Cloud application jobs, Intelligent RPA jobs, SAP ABAP jobs (On-Premise), SAP BW Process Chains, SAP Build Process Automation Jobs, Business Workflow (in S4/HANA Cloud and On-Premise)
- Alerting and Notifications
- Job Exception Details (for SAP ABAP Jobs and SAP Intelligent RPA Jobs)
- Analytics and Trend Reporting
- [SAP Cloud ALM Analytics](#) for Job Monitoring data (e.g. for Grafana Consumption)

## Continuous delivery of new content and functionality

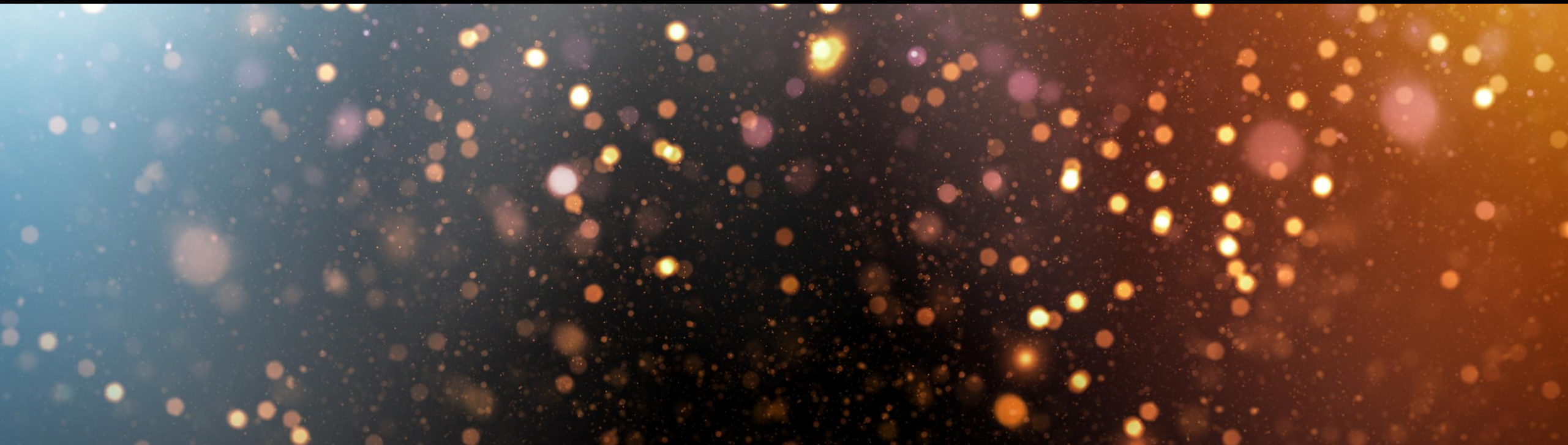
In the course of 2023 we plan to offer\*

- Content: Jobs of BTP applications (e.g. SAP Data Privacy Integration (cloud)), SAP Build Process Automation Processes
- Improved alerting capabilities (not only fixed thresholds)
- Improved 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.

# Poll



# We ask, you answer!

Go to [www.menti.com](https://www.menti.com)

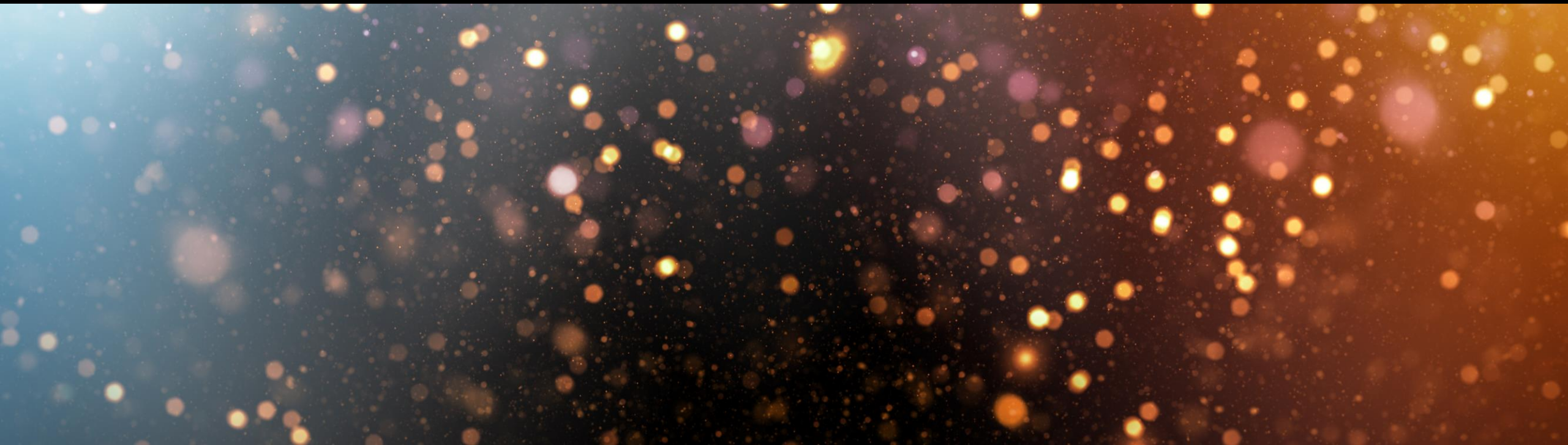
Enter code **6736 0811**

or use the QR code

<https://www.menti.com/ald7gm6eaeiq>



# Additional Information



# Transition Center in SAP Support Portal

## Your one-stop spot for all the information around the transition to SAP Cloud ALM!

- General information
- Functional comparison and transition guidance
- Transition recommendations and strategy
- Additional resources, videos and documents

Transition Center

The screenshot shows the SAP Support Portal interface for the 'Transition to SAP Cloud ALM' page. The page header includes the SAP logo and navigation links like 'My Support', 'Products', 'Tools', 'Maintenance', 'Offerings & Programs', and 'ALM'. The breadcrumb trail is 'SAP Support Portal Home / Application Lifecycle Management / SAP Cloud ALM'. The main title is 'Transition to SAP Cloud ALM', with sub-navigation for 'Strategy Overview', 'Examples', 'Transition Support', and 'Resources'. The main content area features a large heading 'Transition to SAP Cloud ALM' and a sub-heading 'Overview'. The text explains that SAP Solution Manager is in mainstream maintenance until the end of 2027, and SAP Cloud ALM is the Go-to ALM platform for all SAP customers. It provides a one-stop-shop for information and resources for the transition. A video thumbnail is shown with the title 'SAP ALM Summit EMEA 2022 Day... Best Know: SAP Solution Manager Maintenance Strategy and Transition to SAP Cloud ALM'. The video is by Marc Thier, SVP, Application Lifecycle Management, SAP, and Benjamin Schneider, Product Expert for ALM, SAP. The video content includes a list of bullet points: 'SAP Cloud ALM delivers ALM for the Intelligent, Sustainable Enterprise, while offering foundational support for today's customer landscapes.', 'SAP Cloud ALM comes with lower cost of operation and maintenance, is easy to adopt and use, while providing innovative functionality.', 'SAP Solution Manager is in mainstream maintenance until the end of 2027, SAP recommends to complete the transition to SAP Cloud ALM before this date.', and 'You can add SAP Focused Run to address advanced operations needs and to manage a significant on-premise footprint.' The page concludes with the summary: 'In a nutshell: SAP Cloud ALM is the Go-to ALM platform for all SAP customers.'



# Upcoming Events: Save the date!

Update Tonja

## SAP Cloud ALM What's New Quarterly Update:

- **April 26 & 27** ([register](#))

## SAP Sapphire 2023:

- **May 16-17** Orlando, Florida USA ([register](#)) & virtual ([notify me](#))
- **May 24-25** Barcelona, Spain
- **June 1-2** São Paulo, Brazil

## SAP ALM Summits 2023:

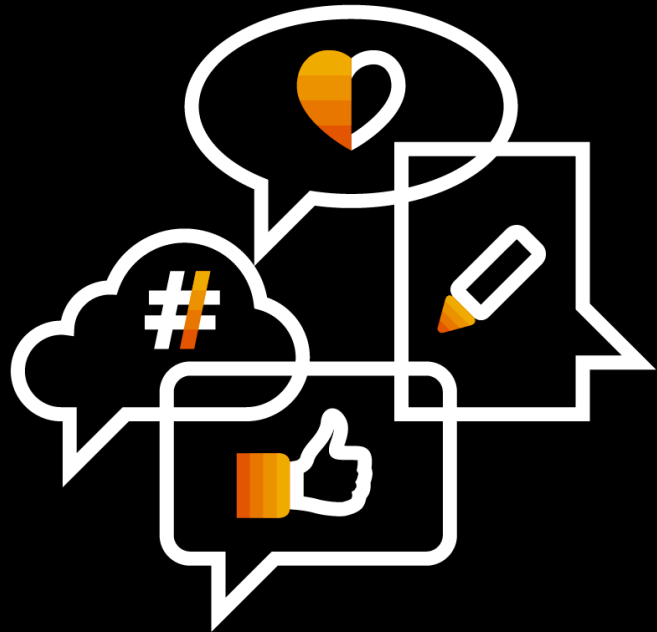
- **July 25 - 27\*** SAP ALM Summit APJ
- **October 9-13\*** SAP ALM Summit EMEA
- **October 24-26** ASUG & SAP Summit NA:

(\*dates are subject to change)



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

# 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**

**We will be back!**

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

**May 3<sup>rd</sup>, 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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