

SAP Community Call For SAP Cloud ALM Experts

SAP SE June 2023

PUBLIC



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Welcome



Speakers



John Krakowski



Markus Bechler



Stefan Lahr

SAP Community Call for SAP Cloud ALM Experts | Agenda for June 7, 2023 Focus topic: SAP Cloud ALM for Operations

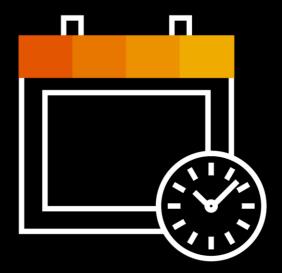
Welcome

Integration Monitoring

We ask, you answer | Menti poll

Additional Information

You ask, we answer | Q&A

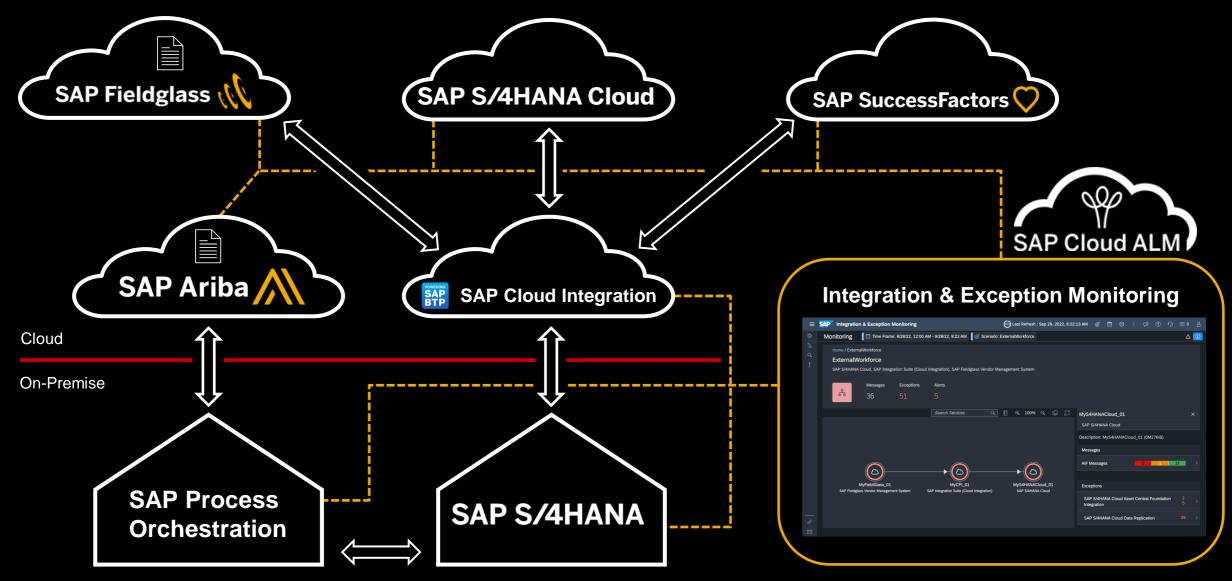


Integration Monitoring



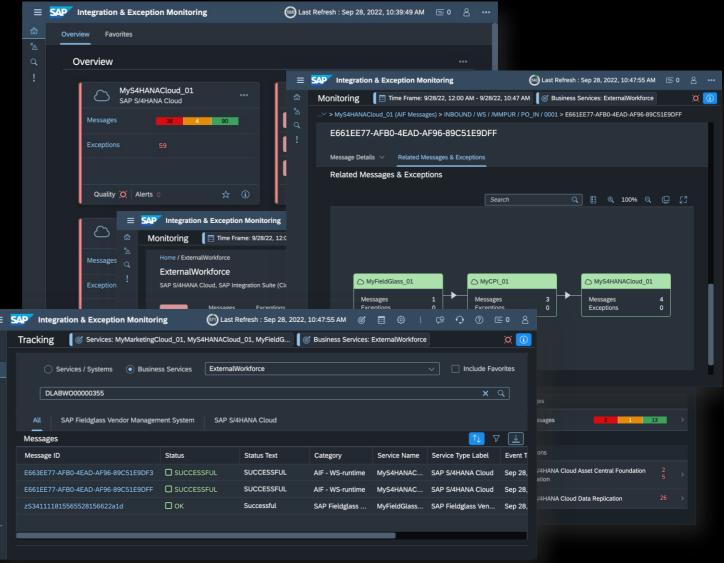
Integration & Exception Monitoring

Ensure Reliable Data Exchange between Cloud Services and Systems



Integration & Exception Monitoring – What is in for you?

- Overview across all cloud services and systems
- End-to-End monitoring by correlating single integration artefacts to end-toend message flows cross components and cross technology
- Support of message flows processed by orchestration 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



Integration & Exception Monitoring – What is in for you?

- Embedded monitoring overview of occurred exceptions in cloud services or systems
- Embedded alerting

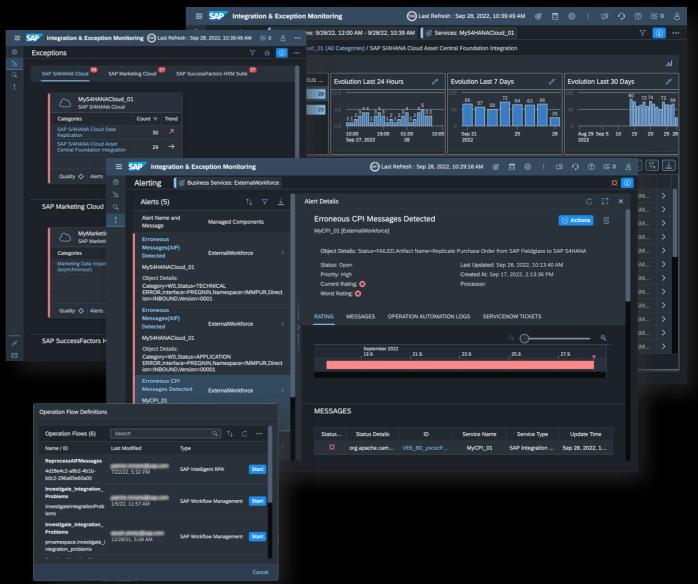
to inform integration owner in IT about critical issues including drill down in alert details

 Integration with Operation Automation to trigger operation flows context sensitively

Housekeeping

to minimize necessary data volume w/o losing RCA context

 Embedded analytics (planned) to enable root cause analysis based on historical and aggregated data to Identify trends and compare different time periods



What's new?



Demo



User Interface



Integration & Exception Monitoring New Scope Selection

Integration & Exception Monitoring



Integration & Exception Monitoring is supporting the **new Scope** Selection.

SAP Integration & Exception	🚳 Last Refresh : Sep 26		M 🧭 🖽				
	Select a Scope						
Overview	Standard ~				Toggle Filter Bar	Adapt Filters	Go
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my303028.s .com	3 Items 🗸 🗸		c		All	~	
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SAP S/4HANA Messages	H2R DLAB Scenario		Hire to Retire				
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Quality 🔲 Alerts 5;						Apply (1)	Cancel

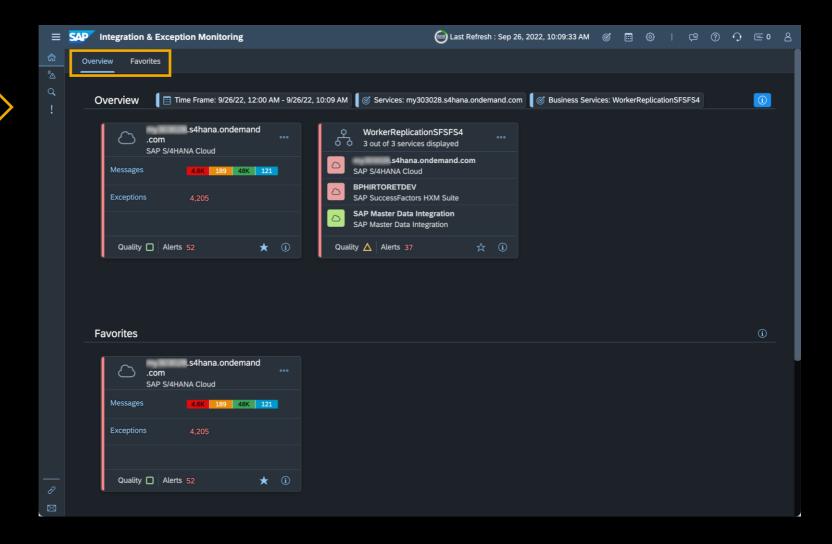
Integration & Exception Monitoring Newly designed Overview Page



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The overview page is completely redesigned and renamed to Home. Now there are two tabs on this page Overview and Favorites.

In addition you can add cloud services, business services or systems as favorites now.



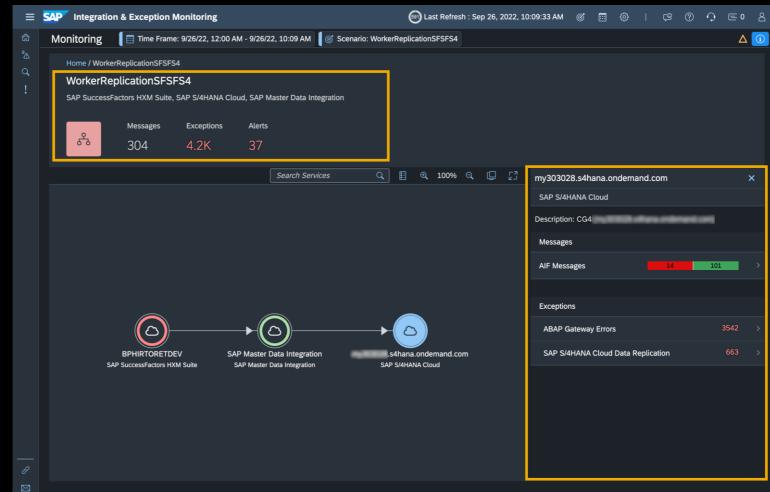
Integration & Exception Monitoring Newly designed Topology View

Integration & Exception Monitoring



The topology view is completely redesigned. Now you'll find summarized information about the status in the top.

If you click on a node a **split view** will appear with all the **Messages** and **Exceptions**.



Integration & Exception Monitoring

Newly designed Summary View

Integration & Exception Monitoring



The summary view is completely redesigned. Now you'll find embedded analytics capabilities in the top filter bar.

Integration & Exception Monito	ring		572 Last Refresh :		s 🗉) ()		Q 0	?	⊑ 0
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Home / Topology / H2RCPI (SAP Integ SAP Integration Suite Mess								Clear a	all Filters	
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Integration & Exception Monitoring

Newly designed Message Detail View

Integration & Exception Monitoring



The message detail view is completely redesigned. Now you'll find separate sections to differ between the shown data.

In addition there is a new tab **Related Messages** & Exceptions available

≡	SAP Integration & Exception Monitoring	🚳 Last Refresh : Sep 26, 2022,	11:11	L:56 AM 🖻 0 💧 🚥									
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				AIF Namespace: /SDEDI	Receiver Interface Name: OrderRequest_In								
e l	> LogMessage (4)			Category: WS	Receiver Namespace: http://sap.com/xi/ED//Supplier								
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Integration & Exception Monitoring New Exceptions Page

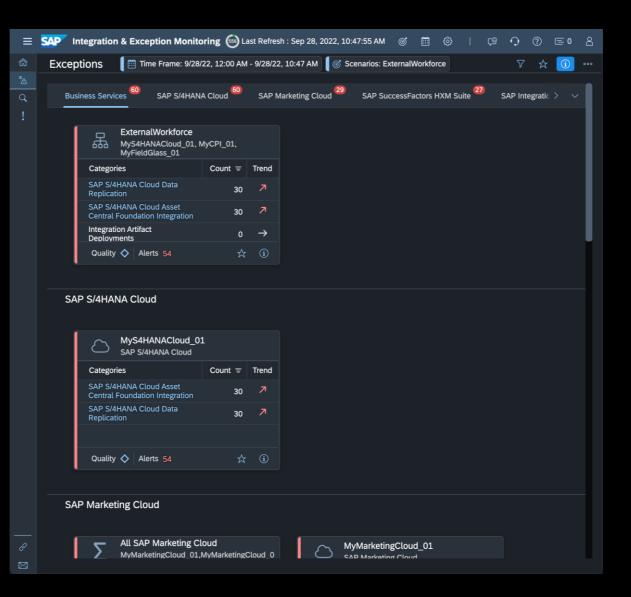
Integration & Exception Monitoring



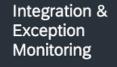
Using the newly introduced Exceptions page, you see a global distribution of the exceptions per product family and category.

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.



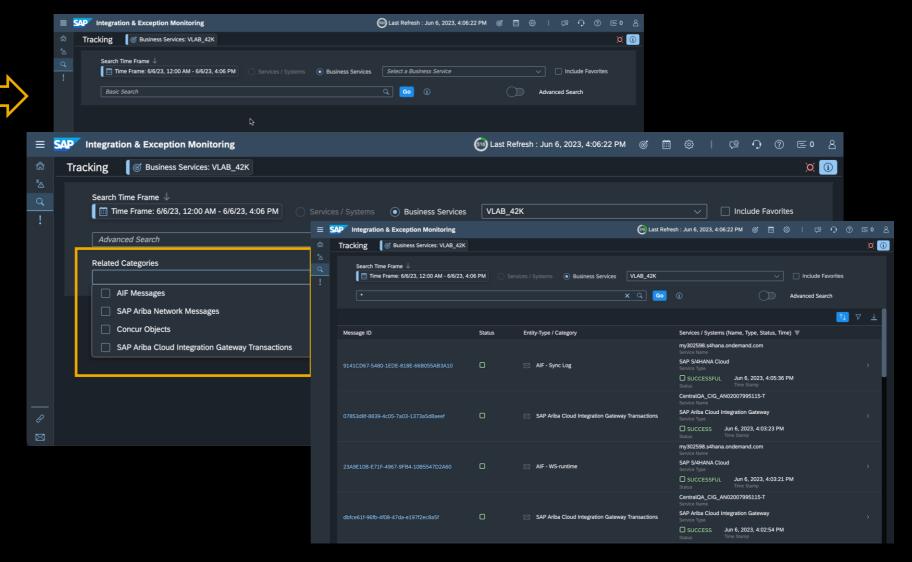
Integration & Exception Monitoring Newly designed Search Page



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The search page is completely redesigned. Now you'll find more options to search for specific information.

In addition there is a new **Advanced Search** available.



Features



Integration & Exception Monitoring

Additional Payload Attributes for IDoc and Web Service Messages*



It is now possible to collect additional attributes from an IDoc and Web Service message.

The value of the attribute can be used as a **search parameter** in our **tracking page**.

	for Services / Systems			
< QM7910 (SAP S/4HANA)				
Monitoring Events				
Overview / IDoc				
Filters			Configuration for Services / Systems	
Category Filter Name Fi	ilter Summary	Last Change	< QM7910 (SAP S/4HANA)	
			i (FS) Monitoring Events	
	No data		Overview / Web Service Messages	
			Filters	Add Delete
	1		Category Filter Name Filter Summary	Last Cha Last Cha
 Collect Additional Attributes 				
IDoc Attributes	_	Add	No data	
Message Type	Segment Name	Field Name	NO Gata	
ORDERS05	E1EDKA1	LIFNR		
ORDERS05	E1EDL44			
		VBELN	 Collect Additional Attributes 	
ORDERS05	E1EDL44	VBELN POSNR	 Collect Additional Attributes 	
ORDERS05			Web Service Attributes	Add Edit Delete
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ORDERS05			Web Service Attributes Attribute	(Add) (Edit) (Delete)
ORDERS05			Web Service Attributes Attribute	(Add) (Edit) (Delete)
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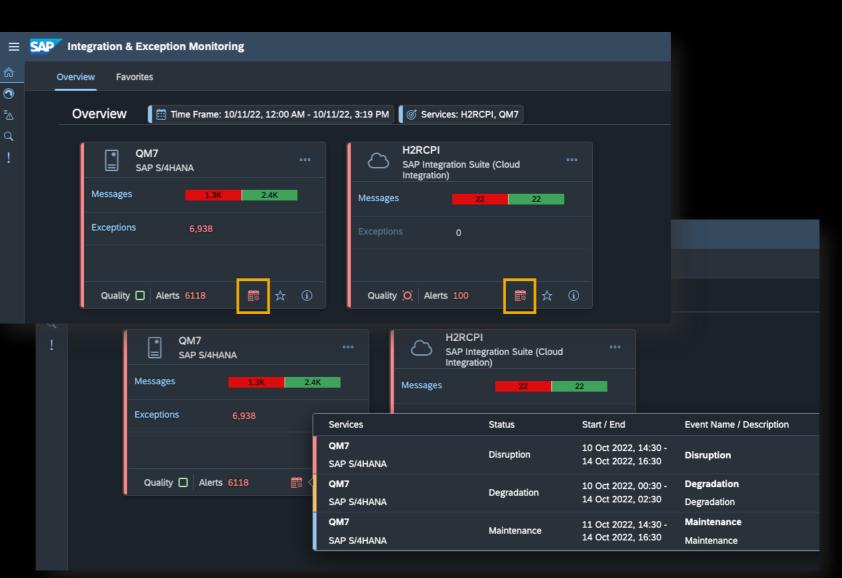
Integration & Exception Monitoring Show Status Events on Overview Card

Integration & Exception Monitoring



You can directly see in the overview page if a maintenance window is scheduled for a technical system.

Degradations or **disruptions** are also **reflected** now in the card for a cloud service, business service or system.



Integration & Exception Monitoring Show Action Logs for a Service / System

Integration & Exception Monitoring

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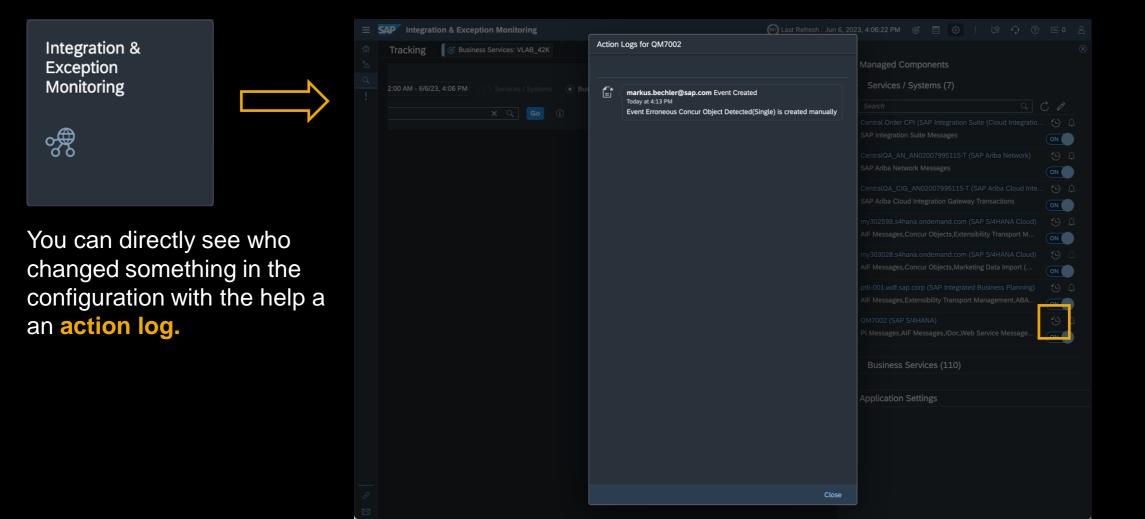


You can directly see in the overview page if a maintenance window is scheduled for a technical system.

Degradations or **disruptions** are also **reflected** now in the card for a cloud service, business service or system.



Integration & Exception Monitoring Show Status Events on Overview Card



Integration & Exception Monitoring Stateful Exceptions





Where possible, Exception Monitoring is stepwise identifying whether a past exception still exists.

As an example, for SAP Cloud Integration, you see at one glance the number of persisting Integration Artifact deployment failures.

=	Cloud Integration				
0.	Overview				
	Monitor Message Processin	a			
đ	All Integration Flows Past Hour Messages	All Integration Flows Past Hour Pailed Messages	All Integration Flows Past Hour O Retry Messages	All Integration Flows Past Hour O Completed Messages	+
	Manage Integration Conten	t			
	All	All	All		
	AII 414	346	Error 68	+	
		,			
SAP Int	tegration Suite	(Cloud Integra	tion)		
Categories		Count =	Trend		
ntegration Artifac	t Deployments	68	7		
Quality 🔲 Ale	rts 13	2	(i)		

25

Integration & Exception Monitoring View Related Exceptions

Integration & Exception Monitoring

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Looking at the details of an integration scenario, like for SAP Intelligent Asset Management, you could directly see the **Related**

directly see the **Related Exceptions** having the same correlation ID as the selected message.

Manifesting (C)		
	Services: IM_EXM_Correlation_Test	
tome > Topology > IM_EXM_Correlation_Test		
	IM_EXM_Correlation_Test	
	Duration Messages	
	0 Sec 1	
	1	
AIF Messages Related Exceptions		
AIF Messages Related Exceptions SAP S/4HANA Cloud Data Replication		
SAP S/4HANA Cloud Data Replication		
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SAP S/4HANA Cloud Data Replication All (2) Errors (2) Warnings (0) Resolved (0)		Ţ î↓ Vx ↓ User
SAP S/4HANA Cloud Data Replication All (2) Errors (2) Warnings (0) Resolved (0) Exceptions (2 / 2)		

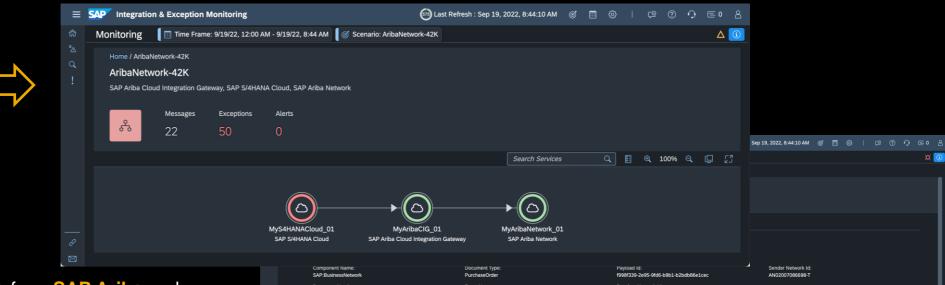
Content



Integration & Exception Monitoring for SAP Ariba based scenarios

Integration & Exception Monitoring





We collect **message log entries** from **SAP Ariba** and visualize it in Integration & Exception Monitoring for the following Ariba components (transactional data only):

- SAP Ariba Sourcing (Indirect Material incl. Contract Management)
- SAP Ariba Procurement (Guided Buying)
- SAP Ariba Network (Buyer side only - Order to Invoice, Source to Pay)
- SAP Ariba Cloud Integration Gateway (CIG)

HANACloud_01 S/4HANA Cloud	MyAribaCIG_01 SAP Ariba Cloud Integration Gatewa	MYAribaNetwork_01 y SAP Ariba Network								-		
Component Name: SAP:BusinessNetwork Document Number: 4500130118		Document type: PurchaseOrder Event Name: Process PurchaseOrder		Payload Id: 19981339-2e95-9fd6 Receiver Network Id AN02007085823-T	-b9b1-b2bdb86e1cec :		Sender Network Id: AN02007086698-T					
Related Messages & E	xceptions					S	earch		Ð, 10	00% Q	Q	
		MyS4HANACloud_01 Messages 1 Exceptions 0	MyAribaCIG Messages Exceptions	_01	MyAribaNetwork_01 Messages 2 Exceptions 0							

In addition, we collect **message log information and exceptions** from other Ariba integration scenario relevant components, like S/4HANA (e.g., IDoc, WS messages, App Logs, OData Logs, AIF messages) and visualize it.

Integration & Exception Monitoring for SAP Business ByDesign



We collect **Web Service message log entries** from **SAP Business ByDesign** and visualize it in Integration & Exception Monitoring.

≡	SAP Integration	& Exception N	Monitoring			🚳 Last Refresh : Oct 11, 20	022, 3:24:55 PM 🎯 🛅 🛞		0 = 8			
	Monitoring	🔲 🛅 Time Frame	e: 9/27/22, 3:25 PM	- 10/11/22, 3:25 PM	Services: BYD_my311370				0 🚺			
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							Business ByDesign Messages					
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							N/	o data				⊥ □ 🛈
				Home / Topology /								
				Summary (2)								
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					INCOMING						2	
				11	OUTGOING			Succ	essFactorsAPIO	ut		

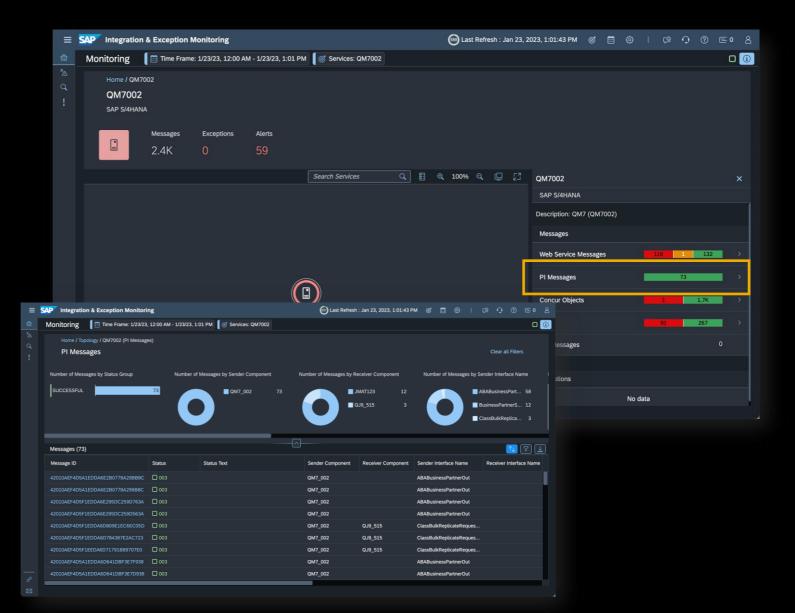
Integration & Exception Monitoring

for SAP Process Orchestration / Process Integration





You can monitor **SAP Process Integration messages**. You get a detailed status overview of the incoming and outgoing messages for different interfaces. You can drill down to single messages to check individual issues and message details.



Outlook



Integration & Exception Monitoring – Functional Outlook

	Planned	
Integration & Exception Monitoring	 New search & track page Object view for master data Allow to copy existing scenarios into new scenarios Improvements to the current alerting integration Sporadic aggregation of exceptions (to cope with sudden metric surge) 	

Integration & Exception Monitoring – Content Roadmap

		—— Supported Conte	ent —	
	Curr	ently available		Planned for 2023
Integration & Exception Monitoring	SAP S/4HANA Cloud SAP S/4HANA PCE SAP S/4HANA SAP Business Suite SAP Marketing Cloud SAP Sales & Service Cloud SAP Integrated Business Planning SAP Order Management foundation	SAP SuccessFactors HXM Suite SAP SuccessFactors EC Payroll SAP Ariba SAP Concur SAP Fieldglass SAP Intelligent Asset Management SAP Field Service Management SAP Life Sciences Cloud	SAP Business ByDesign SAP BTP NEO (custom) SAP BTP ABAP (custom/SAP) SAP Integration Suite (CI) SAP Process Orchestration SAP Master Data Integration SAP Mobile Services Several SAP BTP based SaaS apps	SAP Analytics Cloud SAP Logistic Business Network SAP Data Intelligence SAP Event Mesh SAP Consumer Industry Cloud SAP Omnichannel Promotion Pricin SAP Ariba SLP & SAP Ariba MDNI

Poll



We ask, you answer!

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Enter code 31 73 91 9

or use the QR code

https://www.menti.com/alfnboszswfm

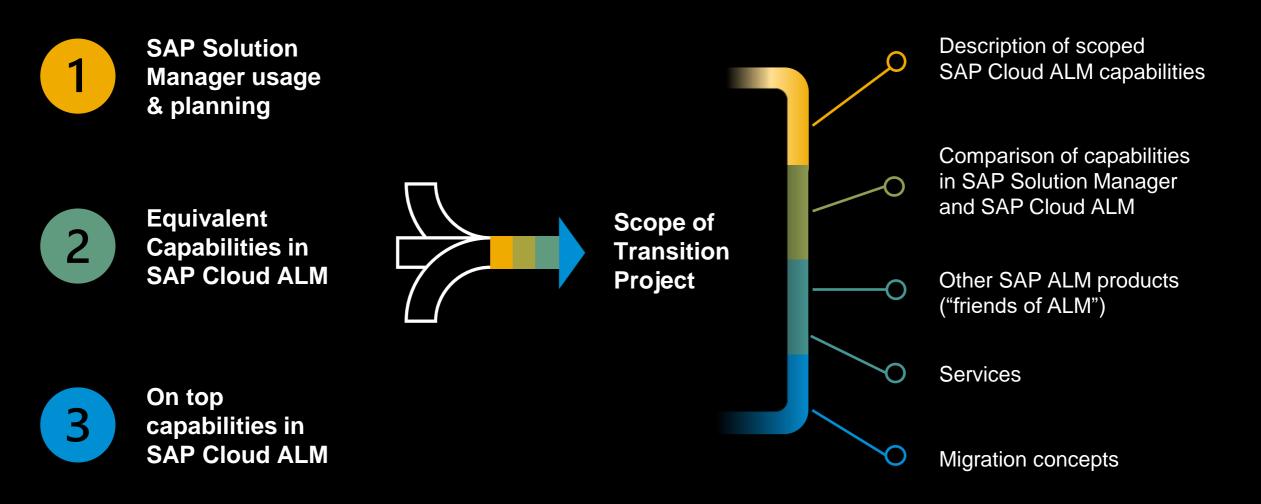


Additional Information



Planning a Transition Project SAP Readiness Check for SAP Cloud ALM

Read blog post



Upcoming Events: Save the date!

SAP ALM Summits 2023:

- July 25 27 SAP ALM Summit APJ (register here)
- October 10-13 SAP ALM Summit EMEA (register today)



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

(*dates are subject to change)

SAP ALM Summit EMEA

Energize your ALM transformation!

October 10–13, 2023 | Manufaktur Mannheim, Germany

Benefit from 4 packed days with 70+ sessions.

Learn from our ALM customers.

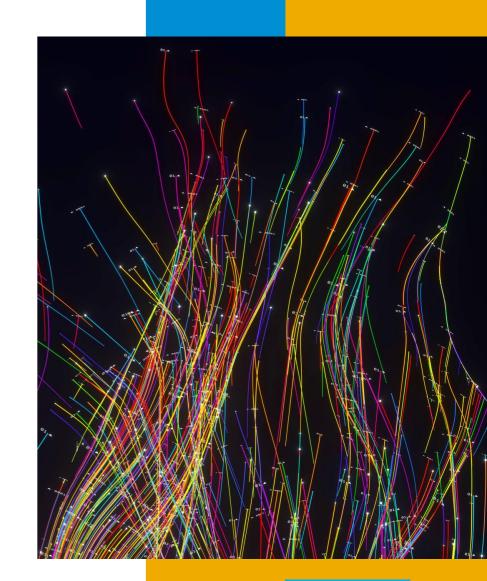
Leverage our partners' experience.

Discuss with ALM experts.

Make use of countless networking possibilities..









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Engage with the best and brightest of the software industry

Learn from blog posts and questions and answers

Be a part of SAP Community Call for SAP Cloud ALM Experts!



We will be back!

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

July 5th, 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





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cloudalm@sap.com







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