

ALM Community Call February 24, 2021

CXS Customer Communications and Relations, SAP SE

PUBLIC



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Welcome and Introduction



What is the ALM Community Call?

- A monthly call for the whole ALM community
- One focus topic, but news from all ALM areas
- Lots of room for product demos and Q&A with additional experts in the "back" to answer your questions



ALM Community Call: Agenda for February 24, 2021 Focus topic: SAP Solution Manager

Welcome and Introduction

ALM News and Updates

- SAP Cloud ALM
- SAP Focused Run
- SAP Solution Manager

Poll

Upcoming Events and Webinars



Please use the Q&A tool in Zoom to ask your questions also during the presentation!

Speakers & Background Experts



Evan Stoddard

Stefan Lahr



Ben Schneider



Tim Steuer



Cay Rademann

The Application Lifecycle Management Product Portfolio of SAP



The Application Lifecycle Management Product Portfolio of SAP



ALM News & Updates



Community News

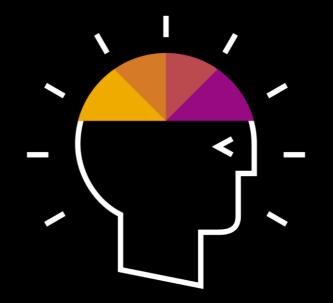
Follow <u>Tim's To-Do list</u> to find out what's going on in ALM!

Follow our Community Tags to stay up to date!

SAP Cloud ALM

SAP Solution Manager

SAP Focused Run

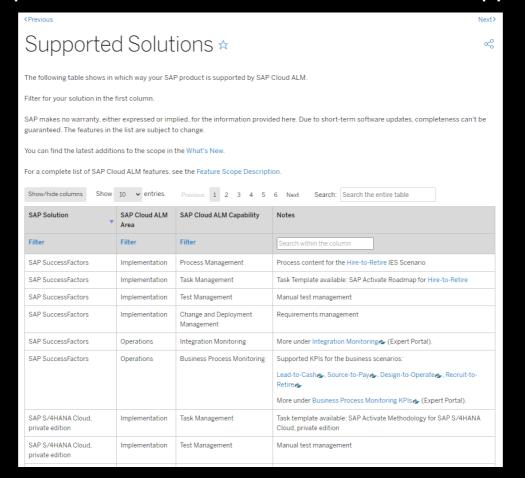


SAP Cloud ALM



Live Demo: SAP Cloud ALM Supported Solutions

New in the SAP Help Portal: Interactive SAP Cloud ALM Supported Solutions list





SAP Focused Run



SAP Focused Run - Roadmap

© 202

FRUN 3.0 SP00	FRUN 3.0 FP01	FRUN 3.0 FP02	FRUN 3.0 FP03
Q4 2020	Q2 2021	Q4 2021	Q2 2022
unification	System & Configuration Monitoring Improved support for HA/DR solutions in 	Alert clustering	
Finalization of UI unification based on collected customer feedback → Establish dentical user experience and usability in all SAP Focused Run applications	 Improved support for HAZDK solutions in LMDB, CCDB and System Monitoring Improved API access to aggregated and non-aggregated system monitoring data Trend analysis & improved policy management in Configuration Monitoring 	 Correlate alerts per use case but also cross use case to accelerate the problem resolution process Increase support to identify correlation potential and to derive associated 	 Prediction Predict anomalies across all monitoring use cases to allow identification of another sector and the sector and t
Support of agentless push based data transfer → Increase coverage for SAP cloud products for application monitoring	 Application Management Infrastructure improvements to streamline data collection for Health Monitoring 	correlation roles Consuming external data sources Simplified consumption of external data	problems before they influence availability of technical and business services Operation Automation
vanced Application Management Establish Advanced Application Management as new category for	 More generalized Job Monitoring to support non-ABAP jobs and BW process chains Alert Management & Operation Automation 	sources including UI integration and alert correlation Adoption of machine learning	 Close the gap between problem detection and problem resolution by delivering out- of-the-box and automated problem resolution procedures
applications which require unified handling of cloud services and on-prem systems	 Integrated lessons learnt in alert clustering Improved usability in Guided Procedure FWK 	 New algorithms for system anomaly prediction as semi supervised learning or reduction of prediction calculation 	 Provide automation content for on-premise and cloud products to relieve operation staff from reoccurring tasks
alth Monitoring Provide Health Monitoring for unmodelled	Integration & User Monitoring Enhanced cloud support and analytics in 	interval (one minute model)	Content, content, content,
and non-correlated monitoring of cloud services and on-premise systems	Integration Monitoring & integrated log file scanning in Exception Monitoring	 Usage of machine learning to propose threshold setting and dynamic threshold adaptation 	 Follow SAP's strategy to cover the complete SAP product scope from
thetic User Monitoring	 Extended cloud support in RUM & integration of externally executed scripts in SUM 	Increase cloud content footprint	operation perspectiveSupport in particular all components
Enhance Synthetic User Monitoring with selenium based approach to record and replay user clicks	Analytics & IntelligenceNew content for OCC and operation DB's	 Extend scope for Integration Monitoring to S4 HANA Cloud and Concur 	belonging to Intelligent Suite as target architecture
to SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC	 UI improvements and new prediction models in System Anomaly Prediction 	 Extend scope for Real User Monitoring to SCP Fiori Launchpad and SAC 	

Focus Topic SAP Solution Manager



Process Management SPS 12 delta features

Automatically move elements from process step reference into originals

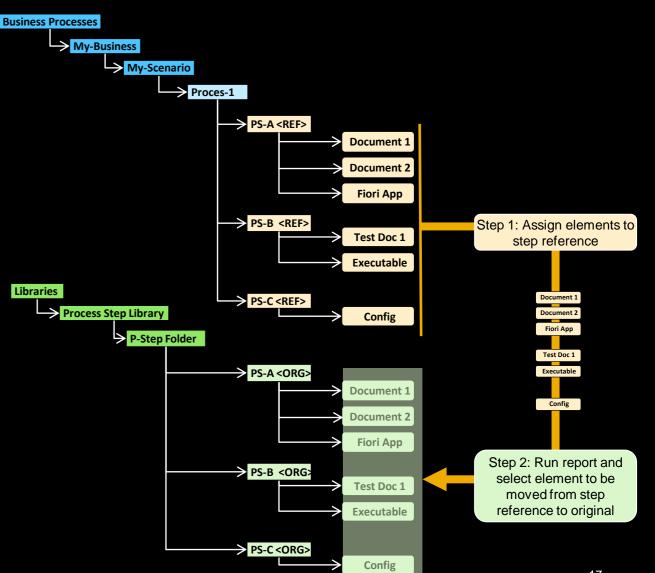
Description

Simplified movement of elements from a process step reference to its original, based on Customer Connection improvement request <u>224990</u>.

Details

- Execution via report RSMUD_MOVE_TO_ORIGINAL_BULK
- Support mass moving from different process steps
- Support moving of multiple elements in one activity (e.g. documents, executable, test documents)

- Eases end user work on business process level
- Simplified harmonization of Business Processes and Libraries





Enhanced column settings



Description

Harmonized column setting for various Solution Documentation operations, based on Customer Connection improvement request <u>225935</u>.

Details

Adding, sorting and moving of columns for the following operations:

- Assigning Documents
- Assigning Testcases
- Assigning Process Steps
- Assigning Executables
- Assigning Developments
- Assigning Interfaces
- Assigning Configuration

Benefits

Unified user experience for column settings in all Solution Documentation UIs

				Assign Test Documents	لح لا
Search:		Q			Used Documents Orphan Documents
Document Type	~	is	~	₽ ⊕	
Owner	~	is	~	□ ⊕ ●	
Last Changed By	~	is	~	G ⊕ ⊕	
Created At	~	is	~	-D ⊕ ⊕	

No search executed

Name	Document Type	Path
		*
		Assign Original Documents Copy Document
		OK) Can

Show process structure and document links with the element name

Description

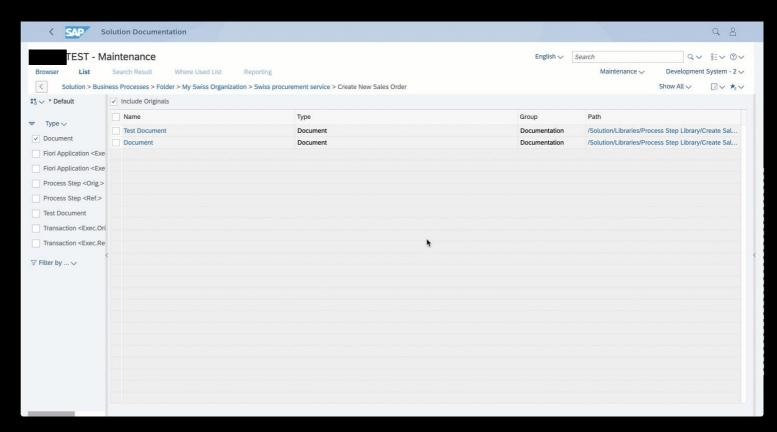
Extended option to clearly link Solution Documentation elements with the element name, based on Customer Connection improvement request <u>224885</u>.

Details

- Display name-based links for process elements and its assignments
- Use name-based links in further applications

Benefits

- Clear, readable and shorter links
- User knows immediately which elements are linked



Customer

Merging logical component groups

Description

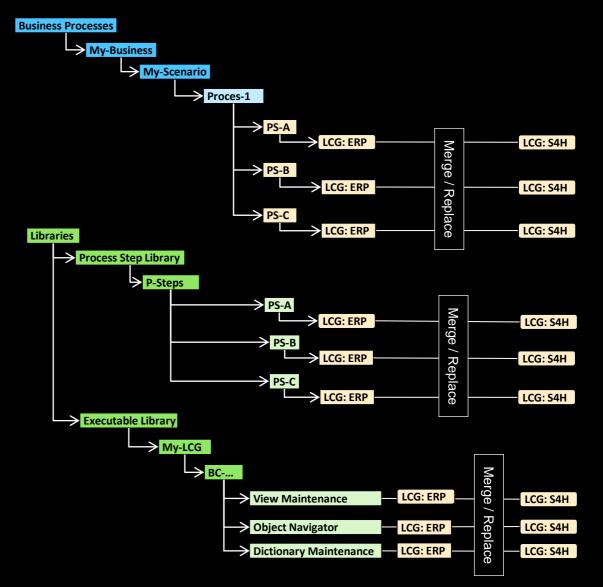
Option to replace one logical component group with another in the business process hierarchy, based on Customer Connection improvement request <u>225825</u>.

Details

 Flexibility to change the Logical Component Group of process steps and assignments without the need to delete and recreate the elements

- Save time performing corrections to the business process hierarchy
- Improved usability





Edit documents online with any supported browser



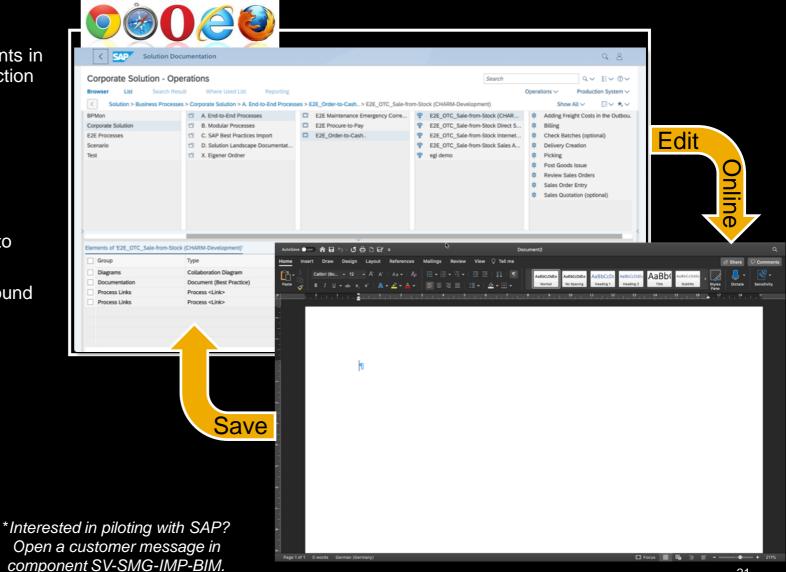
Description

You can make use of edit online feature for documents in any supported browser, based on Customer Connection improvement request <u>225481</u>. Note: This function is currently under pilot release.

Details

- Save your work via edit online directly in the document
- No usage of ACF control and related restriction to use Internet Explorer anymore
- Edit online via SAP GUI office control in background
- See <u>SAP Note 3009338</u> (>= SPS09) in Pilot*

- Reduced end user effort
- Better usability and user acceptance



Test Suite SPS 12 delta features

Improved maintenance for test packages and test sequences

Description

Simplification of the test plan lock mechanism.

Details

It is now possible to maintain (create or edit) several test packages or test sequences belonging to the same test plan **at the same time**, as long as there is no dependency between them.

- Improved usability
- Increased productivity

SAP	Display Test Package: DEC_02
Edit Go To \checkmark	
General Data Settings Test Case	e Selection Test Data Sets Testers Status
Header Data	
Test Package ID:	DEC_02
Description:	dec_02
Person Responsible:	Agatha Bauer
Priority:	Medium
Test Plan ID:	DEMO TESTPLAN_DEC 2020_COPY
Test Plan Description:	Demo testplan_dec 2020 COPY
Solution Documentation	Before SPS12
Project [,]	
All 🕢 2	<u> </u>
\oslash Test package cannot be edited because	e user 'BAUERA' locks the test plan

Test Suite archiving

Description

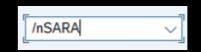
Archiving functionality for Test Suite objects.

Details

- Archiving and Destruction of Test Plans, Test Packages and Test Sequences with archiving objects SMT_TPLN, SMT_TPCK and SMT_TFLW
- These archiving objects are now SAP NetWeaver Information Lifecycle Management (ILM) enabled

Benefits

Reduced storage space



Summary		
Archiving Session Number		000000
Number of Written Data Objects		1
Size of Archiving Session in MB		0,005
Proportion of Header Data in %		70,8
Occupied Database Space in MB		0,005
- Tables		0,001
- Indexes		0,001
- Cluster		0,003
Туре	No.	Description
CDHDR		2 Change document header
CDKEYTAB		Archiving class CHANGEDOCU transfer table structure
CDPOS		Change document items
SMT_D_TPCK_DSCR		Test Package Description
SMT_D_TPCK_NODE	1	Test Package Node
SMT_D_TPCK_ROOT		L Test Package Root
Log (Summary) for SMT_TPCK		
Message		Obj. Disp. Object (Example)
+ The test package was archived		1 Test package 'ARCH_TEST_PACKAGE'/ Test plan 'ARCH_TEST_PLAN'
LL		

Custom test plan copy

Description

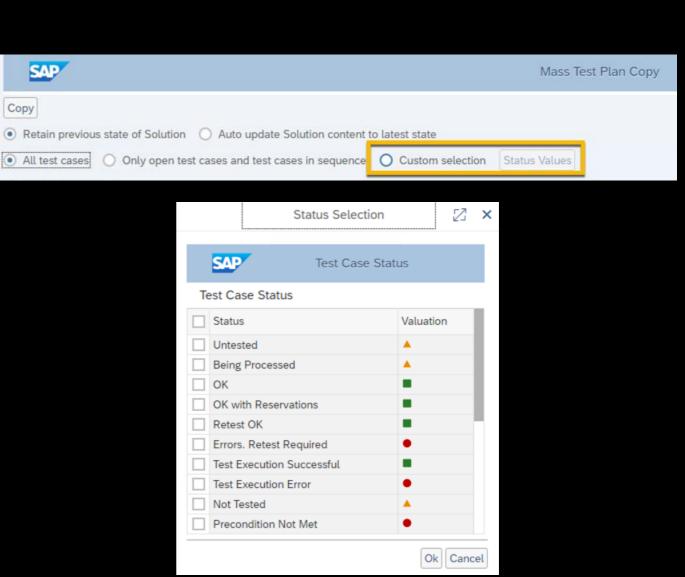
Custom selection of test case statuses during test plan copy, based on Customer Connection improvement request 226228.

Copy

Details

Capability to refine the scope of copied test cases while copying test plans. Choose the new radio button Custom selection and select various test case statuses

- Improved user experience
- Increased productivity





Change Control Management SPS 12 delta features

Automatic creation of test plan based on assigned Solution Documentation entries

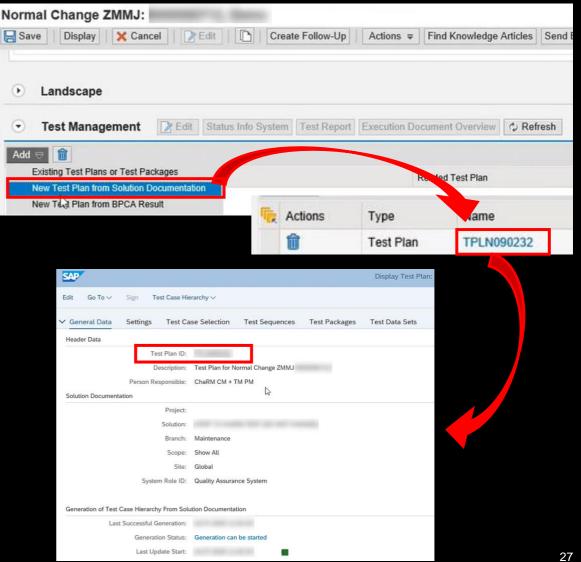
Description

New possibility to directly create a test plan from a change document or request for change. The basis for the automatic creation is the assigned solution documentation structures and their corresponding test cases.

Details

- Accessible via the Test Management assignment block
- New function: "Add New Test Plan from Solution Documentation"

- Closer integration between Change Request Management and Test Management
- Higher degree of automation



Automatic status shift at the conclusion of a successful test case

Description

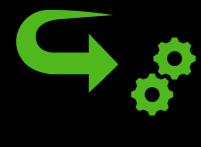
Automatic status shift of the related change document or request for change when the assigned test cases are set to "OK" and the "test ended" flag was set.

Details

- Works for Test Cases that relate to Test Packages of the assigned Test Plan.
- New action will asynchronously set the status from "to be tested" to "successfully tested" automatically.

- Closer integration between Change Request Management and Test Management
- Higher degree of automation

SAP			Manual Test Case	Execution - Tabular Viev	v			
Edit Display Test Case	Start Test Execution	Go To 🗸					ð	0
	Test Plan ID: T	PLN090733		Test Plan Description: T	est Plan for Normal C	Change ZMMJ 8000060712		
	Test Package ID: Z	DEMO	т	est Package Descripti: d	lemo			
	Description: te	est case1		Assigned Tester: C	haRM TST + TM Tes	ter		
	Location: S	olution/Business Processe	s/BPCA Integration/Scenario1/F	Process1/test case1				
	Execution Status:	ЭК		Test Ended:	2			
	Comment:			Overall Status:				
	Planned Execution Date:							
	Priority:					€}		
	Owner:							
	Test Classification:							
Executables (0) At	ttachments (0) Test N	ote (0) Test Results	(0) Defects (0) Oth	ners' Defects (0) Prog	ress Assigned	Testers (1) Test Dat	a Sets (0)	
Standard 😡							Q (0
	Executable ID	Executable Type	Logical Component Group	Logical Component	Client ID	System ID	System Description	
Description		Transaction	ERP STANDARD	Maintenance - Global	200	MW5	MW5 on lddbmw5	





New button to access "Execution Document Overview"

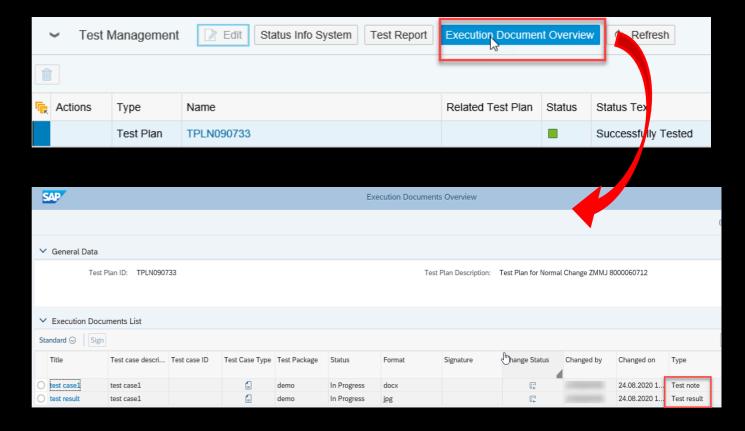
Description

Navigate to the "Execution Document Overview" of your test plan. You can now view all test notes and test result documents related to the executed test plan corresponding to the test package and it's assigned testers.

Details

- Accessible via the Test Management assignment block
- New button "Execution Document Overview"

- Closer integration between Change Request Management and Test Management
- Easier handling



Multilevel Categorization

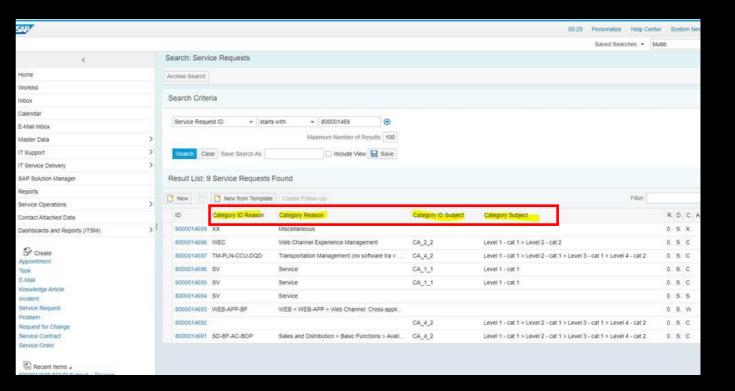
Description

Search experience improved via Multilevel Categorization based on Customer Connection improvement requests <u>225017</u> and <u>225602</u>.

Details

- Accessible via ChaRM Search functionality
- Standard Catalog will be enhanced
- Objects Service request (BUS2000223) and Problem (BUS2000224) with min. 212 characters
- See <u>SAP Note 3000689</u> for CRM 7.13 SP20

- Improved search results
- Easier handling





Git-enabled CTS (gCTS)

Quality Gate Management



Change Request Management



SAP Transport Management & SAP Cloud Platform Transport Management Service git-enabled Change and Transport System (gCTS)*

gCTS integration with SAP Solution Manager

Description

- Enable gCTS on Managed Systems
- Configure your system landscape
- Select repository in Change Document in Change Request or Quality Gate Management

- Get ready to run DevOps processes with ABAP
- Central E2E Control & transparency over change execution
- Similar look and feel like CTS/CTS+, cTMS integration
- Governance and auditability

Git-enabled Change: 8000092048, SMGH - gCTS De	lemo					🗢 Back 🖌 🔿 🖉			
Save Display X Cancel Edit Cr	🖥 Same Dingsky 🕱 Cancel 😥 Edit 🕞 Create Folow-Up Actors 🔹 Send E Mall Pret Preview Pitel Dingsky Object Relationships More 💌								
 Status Overview 	Status Overview								
I+ 1 2 3 4 Created In To Be Tested Successfully Development Tested	5 6 7 4 Authorized for Deployed into Production Production								
✓ Details [≥ Edit						A			
General Data			Implementation Data						
	8000092048			Change Cycle / Phase:	Sawyer - SMIM - gCTS	Build			
	SMGH - gCTS Demo			Type (1D)	Phase Quale	8000091953			
	Mr. Sawyer Peng			Landscape / Branch:	gCTS Integration	Maintenance			
Tester.		ď		Development close.		00:00			
IT Operator:		ð		Go-Live Date:		00:00			
Change Manager:		đ	Project Planning						
Current Processor:	Mr. Sawyer Peng	ď		Project Name:	<none></none>				
Processing Data				Project Number:					
	In Development			Project Task:					
Priority:	4: Low	v		Start Date:					
Dates				Finish Date:					
Creation Time:		09:08		Task Duration:					
Last changed:		09:09		Estimated Work:					
Requested Start:		09:06:52 *		Total Work:	0.00				
Requested End:		09:06:52 *							
	17.08.2020	09:08 ~		Level 1:					
Relationships				Level 2:					
Related Document				Level 3:					
Git Version Control Data				Level 4:					
Git Repository / Branch:	H18/800-Development	feature	Reference Objects	Configuration Item:	7110044610 H17 INITIAL 8	000			

gCTS integration with SAP Solution Manager

Change Request or Quality Gate Management will track within Change Documents transports, tasks

and commits and will trigger the deployments of commits into the target ABAP system

Text Log			Lang. (ISO): All entries	~	Мах	ximum Lines: 30	~	Text Type: All	l entries	~
General Note 03.08.2020 09:09:41 / Shanghai										
Action Create Transport Request in system H18~ABAP 800 of type Source Systems completed										
Requests H18K000435 created										
General Note 03.08.2020 09:08:58 / Shanghai	Display Commits - W	ork - Microsoft Edge						-		
	A https://ldcifa	7.wdf.sap.corp:44300/sa	p(====)/bc/bsp/sap/bsp_wd_bas	e/popup_buffered_frame_c	ached.htm?sap-client=200	&sap-language=EN&sap	domainRelax=min&&	NWBC_USE_MODAL_POPUP	PS=X	
Git repository Development in system H18~ABAP/800 is assigned										
General Note 03.08.2020 09:08:24 / Shanghai										
03.00.2020 03.00.24 7 Shanghar							Filter:			
The status was set to the value 'In Development'	Commit	Author Messa	ge		Commit Date	Commit Time N	ewest Commit			
General Note 03.08.2020 09:08:01 / Shanghai	64d9eb0	h18adm [H18K0	000437] H18K000435 S 8000092048:	SMGH - gCTS Demo	03.08.2020	09:19		\checkmark		
0.00.2020 00.001 / Changhai										
The status was set to the value 'Created'										
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Reques	Description	Request Type	Tasks	Commits	Owner	Status		Critical Object	Deploy Status	
1 C H18K000435 S 80000	92048: SMGH - gCTS	Workbench Request	1	1		Change	able	•	\$	
Tasks of H18K000435										
								Filter:		25
Task ID	Task Type			Task Owner			Status Text			
H18K000436	Repair						Released (with	Import Protection for Repaired C	Objects)	_

Application Operations SPS 12 delta features

IT Calendar & Work Mode Management innovations

New option to schedule ad hoc Work Mode

Description

You can use a new simplified UI to schedule ad-hoc planned downtimes.

Details

- Faster and simpler compared to the normal expert scheduling
- Less input required

Benefits

 Reduced effort for scheduling planned downtime just before bringing the system down

	Simple Scheduling	Switch to Expert Scheduling
Schedule Work Mode		
*Title:	DEMO ADHOC WORKMODE	
*Type:	Planned Downtime	
*Offset (Second):	0120	
*Duration (Minute):	0060	
Category:	Hardware - General V	
Selected Context:	FBT~ABAP	

Central Notification Management innovations

Where-used and replace functionality for recipient lists and recipients

Description

Enable users to search for the usage of recipient and recipient lists in Monitoring and Alerting configuration and auto-notification settings.

Details

- New UI allows users to search for templates, alerts and auto-notification settings using a recipient of a recipient list
- You can also replace the recipients or a recipient list for auto-notification settings

Benefits

 Easier find out where recipient is used, e.g. when he has left the organization or it becomes invalid and needs to be replaced

Ξ		SAP	Notification Resources		
F		Fin	d And Replace Recipent/Recipent L	ist	
ି ଅ ଅନ୍	Recipient/Recip	31			
Q	Application	Object	Туре	Technical Scenario	Additional I
	Auto Notifications		Workmode Management		
	Auto Notifications		Workmode Management		
	Auto Notifications		Workmode Management		
	Auto Notifications	ę	Workmode Management		
	Auto Notifications		Workmode Management		
	Auto Notifications		Workmode Management		
	O Monitoring and Alerting Infrastruct	ABAP_SYSTEM_AVAILABILITY	Alert type	Technical System Monitoring	

Service Availability Management innovations

Originating alert details visible in the Details of Outage screen

Description

From the Details of Outage screen, you can see detailed information about the originating alert.

Details

- New tab shows the originating alert details and its current status
- You can navigate directly to the originating alert

Benefits

 Easier troubleshooting of the outage creation issues

Outages						
<		Detail	s of Outage			
*Entity:	CC2 ABAP		*Start at:	Jun 8, 2020 🗰	13:47	-
*Type:	Unplanned	~	*End at:	Jun 8, 2020 🗰	14:13	Ð
Category:		~	*Timezone:	India		\sim
*SLA Relevant:	Yes	\sim	Responsible:			
*Status:	New	~	*Source:	MAI		
Description	Change Logs Alert Details					
	Alert Name: Status propagated from Database					
	Alert Start Time: Jun 8, 2020 1:47:45 PM					
	Alert End Time: Jun 8, 2020 2:13:58 PM					
	Alert Timezone: INDIA					
	Alert Status: Housekeeping done					

Business Process Operations SPS 12 delta features

Business Process Analytics integration with management UIs

Description

Seamless integration of all management applications to detailed root cause analysis.

Details

It is now possible to navigate from the Business Process Operations dashboards, the progress management board and the dependency diagrams into the SAP UI5-based Business Process Analytics.

Benefits

- Reduced effort of analyzing the big picture down to the individual document
- Improved performance due to new UI technology

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Sales order			items	ł						1			
	Trend Analysis Detail List	Pattern Reco Process I	Items	ł		Plant	(0/152) 0/4.615			8			
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Business Process Analytics improvement

Description

Different aspects in one view for automation rate key figures as well as bug fixes.

Details

For automation rate key figures it is now possible to analyze them by rate as well as an overview of throughput volume and the corresponding monetary amount. All of these aspects can be used with filters.

Benefits

- Faster root cause analysis and complete view for automation rate key figures.
- Robust app for the future

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Job Monitoring and Job Management

Usage of enhanced SMSE 7.2 APIs to read from external schedulers

Description

SAP Solution Manager can now fetch data from SAP BPA and SMSE 7.2 certified schedulers via API.

Details

For monitoring of Job Type SMSE and Central Job Overview, the job data can be read via API instead of direct database connection.

Downport via SAP Notes <u>2928580</u> and <u>2908052</u> is available.

Benefits

- SMSE job monitoring and Central Job Overview is not limited to SAP BPA by Redwood anymore
- No need to define a secondary database connection

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SAP Solution Manager (Central Job Overview and SMSE Job Monitoring)

Key Links and Product Roadmap

Want to learn more?

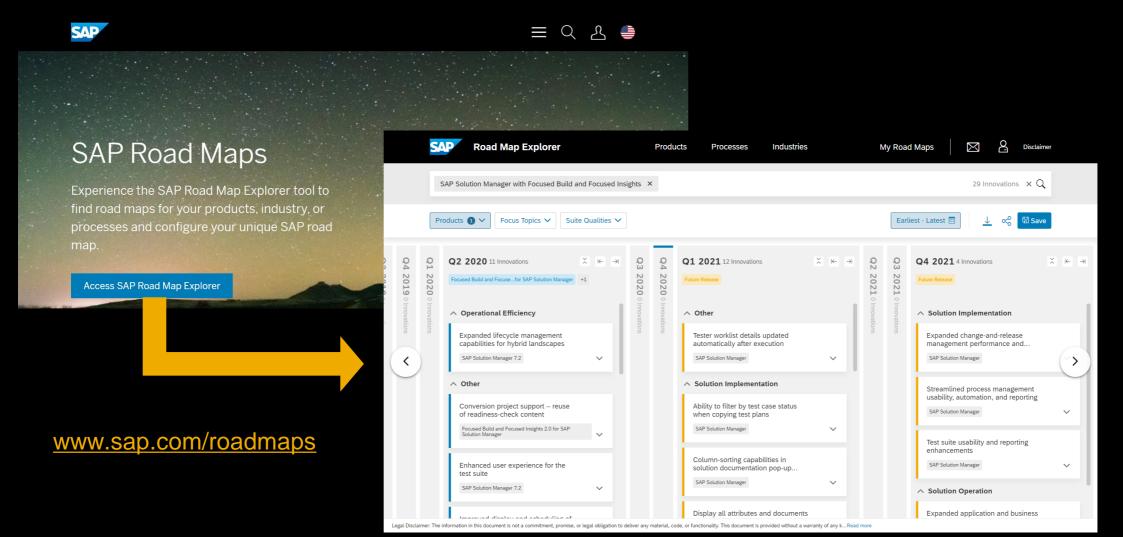
- Visit the <u>SAP Solution Manager home page</u>:
- ✓ Visit the <u>ALM Media Center</u> for presentations and click-through demos.
- ✓ Check out the free, public Internet SAP Solution Manager demo system (includes Focused Build and Focused Insights)
- Review What's New in SAP Solution Manager 7.2 SP12 SAP Help Portal
- Review the details about Focused Build and Focused Insights SP07 SAP Help Portal
- Watch the replays in the <u>SAP Learning Hub</u>*:
- ✓ What's New with <u>SAP Solution Manager 7.2 SPS12</u> (search for SUP_EBW_0020_2101)
- ✓ What's New with <u>Focused Build SP07</u> (search for SUP_EBW_1880_2012)
- ✓ What's New with <u>Focused Insights SP07</u> (search for SUP_EBW_0010_2101)
- Take advantage of SAP Learning Journeys:
- ✓ SAP Solution Manager 7.2
- ✓ Focused Build for SAP Solution Manager
- ✓ Focused Insights for SAP Solution Manager
- Take the openSAP courses "<u>SAP Solution Manager for SAP S/4HANA Implementation in a Nutshell</u>" and "Agile Project <u>Delivery with Focused Build for SAP Solution Manager.</u>"
- View the new series of four whitepapers on <u>managing hybrid solutions</u>.
- Join the <u>SAP ALM community</u> to get the latest news and updates!

And of course, stay in touch with our monthly Application Lifecycle Management Community calls!

*To access the SAP Learning Hub edition for SAP Enterprise Support expert-led sessions, a one-time sign up is required with a valid S-user.

SAP Solution Manager and Focused Solutions in the SAP Road Map Explorer

See the product road map in the new online format!



SAP Solution Manager SR2 is released

New Service Release 2 (SR2) for SAP Solution Manager 7.2 is available

After the successful release of SPS12 for SAP Solution Manager 7.2 on February 1st 2021, SAP is proud to officially release Service Release 2, also called SR2, for SAP Solution Manager 7.2 based on SPS12.

SR2 is delivered with SAP SL Toolset SP31, available on February 15th 2021. It allows our customers to install a new SAP Solution Manager 7.2 SPS12 *immediately*!

Additional Information:

- Master Guide on the <u>SAP Solution Manager 7.2 Product Page</u>
- Software Download Center Info Page
- SAP Note <u>781448</u> Support Package levels for SAP Solution Manager installations/upgrades

SAP Solution Manager Security Alert

Keep your SAP Solution Manager secure!

An *exploit* is software hackers use to perform malicious attacks on computer systems by taking advantage of a particular vulnerability.

An SAP Solution Manager exploit was recently published online, which lowers the skill level required to conduct an attack.

SAP solved the vulnerability already in March 2020.

Unpatched systems are at risk!

Call to action: Follow SAP Note 2890213

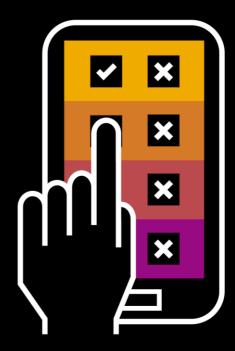


General guidance: Always use information shared on <u>SAP Security</u> <u>Patch Day</u> to maintain security of installed SAP software (including SAP Solution Manager)

Poll



Let's ask some questions!



Please open <u>www.menti.com</u>

and use code 60 95 88 3

Upcoming Events



Mark your calendar!

The next ALM Community Call will take place on

March 24, 4pm CET / 10am EST.

The focus topic of this call will be **SAP Focused Run**.

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

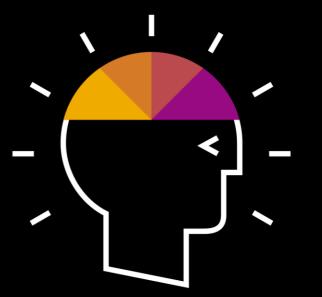




Ask you questions here!

Please ask your questions!

Use the Q&A panel in the Zoom webinar to ask your questions.



Thank you.

Contact information:

Benjamin Schneider, SAP SE sap_cxs_social_media@sap.com

