What’s new in
SAP Solution Manager 7.2 - SPS 11
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Solution Manager innovations
Areas of new functions

- SAP Solution Manager – general topics
- Project Management
- Process Management
- Test Suite
- Application Operation
- Business Process Operation
SAP Solution Manager

general topics
New maintenance dates for SAP Solution Manager!

SAP Solution Manager 7.2 follows SAP Business Suite 7.

- Mainstream maintenance for SAP Solution Manager 7.2 is now ensured until the end of 2027.
- Customers who choose the optional extended maintenance for the SAP Business Suite 7 (until the end of 2030) will receive extended maintenance for SAP Solution Manager 7.2 at no additional cost.

Focused Build and Insights are included in the usage rights of SAP Solution Manager since January 2020. They have the same maintenance conditions as SAP Solution Manager.

Focused Run is not affected by the announcement and has its own release and maintenance schedule.
Project Management

delta features
Project Management innovations
Overview of new functions

- SAPUI5 Gantt chart
Project Management innovations
SAPUI5 Gantt chart

Description
SAPUI5 Gantt chart replaces Jnet-based Gantt chart

Details
- Check SAP Note 2645827 with details for SAP Portfolio and Project Management 6.1

Benefits
- Multiple browsers are supported, including Microsoft Edge, Mozilla Firefox, Google Chrome, Apple Safari (for MacOS)
- No additional frontend component (Java) is required anymore
Process Management

delta features
Process Management innovations
Overview of new functions

• Machine learning translation of process structures
• Extended process diagram usage report
• Improved release check in change-controlled branches
• Show process structure and document links with the element name
• Merging logical component groups
Process Management innovations
Automated translation of Solution Documentation hierarchy

Description

• Allows you to document multilingual business process hierarchies

Details

• Translation via SAP Machine Learning Translation Services powered by SAP Cloud Platform

Benefits

• There is no need to translate Business Processes per language manually
• Translation is triggered by process responsible

*This feature is currently available for pilot customers only. If interested, please open a customer message under component SV-SMG-IMP-BIM.
Process Management innovations
Extended process diagram usage report

Description
• Extended usage reporting of diagram entities

Details
• Reporting of process steps by diagram roles
• Extended excel reporting capabilities to show e.g. executables by diagram roles

Benefits
• Enable authorization and RACI capabilities

Diagram Usage Report

<table>
<thead>
<tr>
<th>Name [Level 05]</th>
<th>Type [Level 05]</th>
<th>Name (Role Item)</th>
<th>Type (Role Item)</th>
<th>Name [Level 04]</th>
<th>Name [Level 03]</th>
<th>Name [Level 02]</th>
<th>Executable</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS-A</td>
<td>Process Step &lt;Ref.&gt;</td>
<td>Clerk</td>
<td>Role</td>
<td>Process-1</td>
<td>My-Scenario</td>
<td>My-Business</td>
<td>View Maintenance</td>
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<td>My-Business</td>
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<tr>
<td>PS-B</td>
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<td>My-Scenario</td>
<td>My-Business</td>
<td>Object Navigator</td>
</tr>
</tbody>
</table>
Process Management innovations
Improved release check in change-controlled branches

Description
• Release check from Solution Documentation UI in changed-controlled branches

Details
• Release of changes can only be triggered from Change Request Management
• Option to resolve change conflicts

Benefits
• Provide better overview on the release list
• No UI / Application change needed
Process Management innovations
Show process structure and document links with the element name

Description
- Extended option to link Solution Documentation elements based on the element name

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

Benefits
- Clear, readable and shorted links
- User knows immediately which elements are linked
Process Management innovations
Merging of logical component groups*

Description

- Option to replace one logical component group with another in the business process hierarchy

Details

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

Benefits

- Save time during corrections to business process hierarchy
- Ease of use

*The feature currently can only be used with SAP’s support and with SAP Solution Manager SPS08 and higher. If interested, please open a customer message under component SV-SMG-IMP-BIM.
Test Suite
Delta Features
Test Suite innovations
Two main innovation streams

User Experience
- Usability
- Productivity
- Transparency
- Performance

Automation
- Automation Engine
- User Experience

3 Innovations based on the Customer Connect Program
Test Suite innovations
Two main innovation streams

User Experience
- Executable ID visibility
- Defect Info in Test Status History
- Defect creation warning message
- Performance improvement in history views
- Status change in Mass Test Plan Update
- Defaulting for descriptions in Mass update / Create application

Automation
- Status History for Automated Test Cases
- CBTA: Detection of unstable pages during recordings
- Test Automation: Execution without start options
- New tokens for CBTA
Test Suite innovations
Executable ID visibility

Description
The Executable ID is displayed as extra information.

https://influence.sap.com/sap/ino/#/idea/225078
(Process Management)

Details
• End users may better know the executable ID (transaction name) than its description.
• In addition to its test case description, the executable ID is now visible in the Manual Test Execution (MTE) and in Analytics.

Benefits
• Improved usability
• Increased productivity
Test Suite innovations
Defect Info in Test Status History

Description
Status history shows a readable ID for test defects.

Details
The status history now shows the readable incident ID after adding or removing a defect to or from a test status.

Benefits
• Improved usability
• Increased transparency
Test Suite innovations
Defect creation warning message

Description
A new warning message to inform tester to create a test defect.

Details
When the status within Manual Test Execution turns red or when the status is updated from the worklist, a warning reminds the user to document the results via a defect message.

Benefits
- Improved usability
- Increased transparency
Test Suite innovations
Performance improvement in history views

Description
Specify search criteria before searching test history.

Details
To avoid unnecessary processing time and performance issues when launching history (Test Plan, Test Package, Test Status), the search does not start immediately. You need to specify the search criteria first and then start the search.

This innovation was frequently requested via customer incidents.

Benefits
- Improved usability
- Increased performance
Test Suite innovations
Status change in Mass Test Plan Update

Description
In the mass test plan maintenance, you can now change the test plan status of several test plans at once.

Details
- Before SP10, it was not possible to change the test plan status in the mass maintenance application.
- With SP10, the status field has been added in the list, and it can be changed line by line.
- With SP11, the status field has been added in the popup for “Maintain Attributes” where it can be changed at once on the selected lines.
- Only if no signature is required.

Benefits
- Improved productivity
Test Suite innovations
Defaulting for descriptions in Mass update / Create application

Description
Defaulting Personalization settings are now also used in the Mass update/Create applications.

Details
The personalization profile settings which allow you to copy the IDs into the descriptions are now also used in the mass update applications.

Benefits
• Improved user experience
• Increased productivity
Test Suite innovations
Status History for Automated Test Cases

Description
The status history can directly be started from the My Tasks – Tester Worklist and Review Tester Worklist applications.

Details
- The status history was previously only available in Manual Test Execution.
- It is now also available for automated test cases.

Benefits
- Improved usability
- Increased transparency
Test Suite innovations
CBTA: Detection of unstable pages during recordings

Description
CBTA: Detection of unstable pages during recordings.

Details
When the application you are recording with CBTA does not have stable IDs, it is not possible to replay the recording afterwards. You are now informed at the time of recording.

Benefits
- Increased transparency
- Increased productivity
Test Suite innovations
Test Automation: Execution without start options

Description

Execution without start options from Test Repository.

https://influence.sap.com/sap/ino/#/idea/227729

Details

The capability to execute an automated test case without the Start Option screen is now also available directly from the Test Repository.

Benefits

- Improved user experience
- Increased productivity
Test Suite innovations
New tokens for CBTA

Description
CBTA script supports additional tokens.

https://influence.sap.com/sap/ino/#/idea/226383

Details
Additional tokens are now available to be used in CBTA script for standard data:

- USER
- CLIENT
- SYSID
- LANG

Benefits
- Improve Automated Test Case Maintainability
- Increase productivity
Application Operation
delta features
Application Operation innovations
Overview of new functions

Technical Administration

• Display and scheduling of work modes on host level in IT Calendar
Application Operation innovations - Technical Administration
Display and scheduling of Work Modes on host level in IT Calendar

Description
It is now possible to schedule and review Work Modes on host level.

Details
• From the technical system view, you can switch to the host views and review and schedule work modes on host level.
• When you schedule work modes on hosts, the work modes are propagated to the application instances running on these hosts but not to technical system level

Benefits
• More flexibility to schedule Work Modes in IT Calendar
## Support for cloud and hybrid products

### Availability overview

<table>
<thead>
<tr>
<th>System Management</th>
<th>Not planned</th>
<th>Available</th>
<th>Not planned</th>
<th>Not planned</th>
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</tr>
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<tr>
<td>Business Process KPIs</td>
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<td>Available</td>
<td>Not Planned</td>
<td>Not Planned</td>
<td>Available</td>
<td>Not Planned</td>
</tr>
</tbody>
</table>

**Availability Overview:** Public Cloud Operations

Details on availability and restrictions are documented on the SAP Solution Manager 7.2 expert portal page

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This is the current state of planning and may be changed by SAP at any time without notice.
Business Process Operation Delta Features
Business Process Operations innovations (1)
Overview of new functions

**Job Management**

- Job Monitoring
  - Display of Job Log Information for an ABAP Job from an Alert
  - Display of System and Client in the Job Instances View
  - Several Systems can be selected in Central Job Overview
- Job Documentation
  - Tag field added into Job Documentation Mass Maintenance tool
Business Process Operations innovations (2)
Overview of new functions

Business Process Monitoring
• Alert Analysis Dashboard – Extended Alert Analysis Dashboard making use of new “time buckets”

Data Consistency Management
• Integration Repository – Interface Discovery for RFC
• Integration Repository – Integration with SAP Cloud Platform Integration

Business Process Improvement
• New Application: Automation Rate Dashboards
• New analysis method in Unified Analytics
• Changes of application tiles in Fiori Launchpad
• Improvements in Progress Management Boards
• Improvements in Unified Analytics
Job Monitoring
Display of Job Log Information for an ABAP Job from an Alert

Description
Provide quick access to job log of ABAP job from alert

Details
- From Alert you navigate to the monitoring application to the monitored job
- From the job you navigate to the alerted job instance
- By clicking on the job name, you get a popup with the displayed job log content

Benefits
- Quick root cause analysis
Job Monitoring
Display of System & Client in Job Instances View

Description
Provide the system (and client) where a job is executed also in the job instances view.

Details
• In the job instances view, the system (and client) is displayed concatenated behind the job monitoring object name.

Benefits
• Also from the job instances view you can immediately see the system where the job runs
• You do not need to navigate back to the job list
Job Monitoring
Several System can be selected in Central Job Overview

Description
Provide possibility to select several systems and offer information on systems in which a job was executed

Details
• Several systems can be selected (not only one)
• New column System ID added to list

Benefits
• Option to check specific jobs from different systems in one view
Job Documentation
Tag field added into Job Documentation Mass Maintenance tool

Description
Provide option to set, remove update the Tag(s) field value(s) from job documentation mass maintenance report

Details
• Call job documentation mass maintenance report AC_JSM_JOBDOC_MASS_MAINTENANCE
• Specify job document number(s) and load them into the list
• Download the list into MS Excel and maintain the Tag value(s)
• Upload the excel and Create/Update Job Documentation

Benefits
• Quick setting and updating of tag values
Business Process Monitoring
Extended Alert Analysis Dashboard making use of new “time buckets”

Description
Alert Analysis dashboard available within Dashboard Builder (area Business Process Operation) has been extended with additional tiles

Details
• Amongst others, new tiles for the Technical Alert Duration, making use of the new grouping function via “time buckets” and drill-down to alerts/SID

Benefits
• Allows easier identification of “flickering” alerts and thus improvement of monitoring configuration
Data Consistency Management
Integration Repository – Interface Discovery for RFC

Description
It is possible to extract RFC interfaces from Managed Systems

Details
- Use RFC interfaces tracked by Unified Connectivity
- Extract this information using Integration Repository Tools program in Managed System
- Retrieve data from Managed System into Solution Manager
- Decide which interfaces to import and generate JSON file
- Import JSON file into Integration Repository

Benefits
- Improve technology coverage of Interface Discovery
Data Consistency Management
Integration Repository – Integration with SAP Cloud Platform Integration

Description
Extract Integration Flows from SAP Cloud Platform Integration

Details
• Connect to SAP Cloud Platform Integration tenant
• Extract Integration Flows together with runtime information
• Decide which Integration Flows to import and target solution, branch and system role
• Assign sender and receiver information according to available Logical Component Groups in Solution Manager
• Direct import of new interfaces w/o JSON generation

Benefits
• Support hybrid and cloud-based integration scenarios
• Improve technology coverage of Interface Discovery
Business Process Improvement
New Application: Automation Rate Dashboards

Description
Shipping of a new application “Automation Rate Dashboards” providing facts from the managed SAP ECC or SAP S/4HANA system on how many documents are processed and what was the measured degree of automation in the previous month.

Details
• Configuration via 3-step guided procedure, for 32 pre-defined process steps (filtering on process or application area possible)
• Adaption of labor costs possible and recommendations given to increase automation rates

Benefits
• Easy configuration of new dashboards, making it possible to simulate ‘what if’ scenarios to calculate potential savings value
Business Process Improvement
New analysis method in Unified Analytics

Description
New analysis method for usage of key figures in Unified Analytics, allows clustering and therefore faster root cause as well as action item decision

Details
• For 55 usage key figures (available with ST-A/PI 01U) analysis type ‘Usage Distribution’ is now available
• Clusters are built to see which master data objects or process variants have never been used, rarely used and often used based on the configured

Benefits
• Clustering collected key figure data will allow faster root causes analysis, which will accelerate the definition of action items
Business Process Improvement
Changes of application tiles in the Fiori Launchpad

Description
Shipments of Changes of application tiles in Fiori Launchpad for Business Process Improvement.

Details
- New (dynamic) tile for the Automation Rate Dashboards, giving the information how many Automation Rate Dashboards are configured depending on assigned authorizations
- Additional subtitle for existing tiles

Benefits
- Subtitles support the decision on picking the right application for your improvement project phase and role
- Automation Rate Dashboards can be quickly accessed allowing fast simulation of ‘what if’ scenarios
Business Process Improvement
Improvements in Progress Management Boards

Description
User experience improvements and enhanced compliance for Progress Management Boards

Details
• Values and phase overview to see baselines, current measurements and targets immediately
• Coloring according to compliance guidelines, empty text labels removed

Benefits
• Accelerated prioritization during analysis
• Compliance with development guidelines
Business Process Improvement
Improvements in Unified Analytics

Description

**Usability** enhancements based on customer feedback, enhanced status display during **pattern recognition** analysis, **bug fixing** and **performance** improvements for Unified Analytics

Details

- No more leading zeros in Unified Analytics; however MS Excel / CSV download will keep all details including leading zeros from sales orgs, plants etc.; additionally time stamp of detail list provided
- Virtual characteristics not working for detail list connector and filter parameter not properly working for ad-hoc scenario

Benefits

- Accelerated root cause analysis for accurate data collected from the managed systems
Thank you.
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You are searching demo material for various SAP Solution Manager functionalities and features?

• Navigate through a virtual demo environment at your own pace
• Discover new functionality of SAP Solution Manager 7.2
• Practice when and as often as you want
• Free trial unlimited, without any additional costs.

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• Test the content activation before executing the upgrade to 7.2.
• Prepare and explore the transition to SAP S/4HANA and transfer results to your SAP Solution Manager.
• Get a 30-day free trial. In addition, you need a cloud provider account (Amazon Web Services (AWS) or Microsoft Azure).
• No system refresh, system governed by yourself.

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