SAP Solution Manager 7.2 – Test Suite
Overview of Delta Functionality for SSM 7.2 SPS 05
September 2017
Solution Management, SAP Solution Manager, DBS, SAP SE
Agenda

1. SAP Solution Manager 7.2 – Test Suite Overview

2. SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality
   - Test Suite SP05 Deltas - Overview
   - Test Plan Management
   - BPCA (and SEA)
   - Manual and Automated Testing
   - Manual Testing
   - Test Automation
   - Test Suite Analytics

3. Sources for more Information
SAP Solution Manager 7.2

Test Suite Overview
SAP Solution Manager - Test Suite
A full-blown application for manual / automated testing and change impact analysis

Functional Scope
- Manual and automated functional tests
- Automated change impact analysis of maintenance activities for test scope optimization of regression tests
- New requirements triggering semi-automated test planning for user acceptance tests and functional integration tests
- High degree of test automation possible
- Supports agile development approach within requirements-to-deploy process through Focused Build for SAP Solution Manager
- Seemlessly integrated with SAP Solution Manager Process Management, Solution Documentation, ChaRM, ITSM, …

SAP and non-SAP Solutions
- SAP Business Suite
- SAP S/4HANA (On-Premise, Cloud Edition)
- Non-SAP applications (On-Premise, Cloud)

Integration
- Test system refresh
- Partner: test data identification, validation and provisioning
- Partner: test automation tools

Single Source of Truth
- All related information in 1 central SAP Solution Manager system
- No complex data replications

The Test Suite of SAP Solution Manager 7.2 is a comprehensive test solution fitting the needs for the vast majority of SAP customers
SAP Solution Manager - Test Suite
Test Suite for SAP S/4HANA

- SAP Solution Manager 7.2 – Process Management will be used to import SAP Best Practices and document business processes used in S/4HANA (On-premise or Cloud edition)
- SAP Solution Manager 7.2 – Test Suite will be used for manual and automated tests of implemented or changed business processes for all functional test types

- Business Processes are activated from SAP Best Practices and / or customer defined process implementation
- Business Processes are based on SAP standard software and optional custom code, modifications and integrated partner apps
- Business Processes are activated from SAP Best Practices plus limited extension options
- Business Processes are based on SAP standard software and optional extensions using white-listed APIs and partner apps
SAP Solution Manager – Test Suite

Capabilities

Solution Documentation
- Executable Library
- Process Step Library
- Business Processes

Change Impact Analysis
Scope and Effort Analyzer (SEA)

Test Cases
- Manual Tests
- Automated Tests

Test Plan Management
- Test Plan
- Test Packages
- Test Sequences
- Tester assignment

Test Execution
- Manual Test Execution
- Automated Test Execution
- Defect Management

Test Suite Analytics
- Gap reports
- Status reports
- Progress reports
- Dashboard

Solution Documentation

Test scope estimation before upgrade

Test scope optimization during change events (fix, enhance, innovate, upgrade)

Business Process Change Analyzer (BPCA)

Test Data

SAP TDMS
- Lean test system setup and refresh

Test Data Container (TDC)
- Test data storage for manual and automated tests

DeceSoft DTD (test data identification, validation and provisioning)

Test Automation Framework

CBTA (Component Based Test Automation)

HP UFT
WorkSoft Certify
Tricentis Tosca

other 3rd party test automation tools

Supported UI technologies by CBTA: SAPGUI, WD-ABAP, CRM Web-Client, SAPUI5, Fiori, …

Partner test tools: SAP and non-SAP UI technologies
SAP Solution Manager - Test Suite
Capabilities by Standard Test Suite and Focused Build

Focused Build for SAP Solution Manager

Test Suite related
- Requirements / Work Package based Test Plan Generation
- Manual Tests: Test Steps
  - Test Execution: My Test Execution
  - Test Suite Dashboard

SAP Solution Manager – Test Suite

- Manual Test Cases
- Automated Test Cases
- Test Automation Framework with 3rd party test tool integration
- Test Composition Environment to manage SAP and partner tools
- Test Data Management
  - Change Impact Analysis
  - Test Plan and Test Package Management
  - Test Execution of manual and automated tests
  - Gap and Completeness Analytics
  - Test Execution Analytics
## Most Common Vendors for SAP-Centric Test Management

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<th>SAP Solution Manager</th>
<th>HPE</th>
<th>Other vendors</th>
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<td><strong>Functional Test Organization</strong></td>
<td>Test Suite</td>
<td>HPE ALM</td>
<td>Tricentis Tosca Testsuite</td>
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<td>Manual Tests</td>
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<td>Scope and Effort Analyzer (SEA)</td>
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<td><strong>Security Tests</strong></td>
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### Legend
- **Green**: SAP Solution Manager and complementing tools
- **Gray**: Alternative products with overlapping functionality to SAP Solution Manager (requires additional integration and on-going data replication)
SAP Solution Manager 7.2 – Test Suite
Delivers all you need

✓ **Tests for SAP and non-SAP**: covers SAP Business Suite, S/4HANA, Concur, Ariba, SuccessFactors, … and non-SAP solutions

✓ **On-premise, Cloud, Hybrid**: Supports functional tests for on premise, cloud and hybrid solutions

✓ **All under one Roof**: no integration setup and ongoing data replication required

✓ **Integration**: seamless integrates with project management, process management, change and release management, defect and incident management, custom code management

✓ **Requirements to Deploy**: Supports waterfall and agile development approaches, including Enterprise DevOps

✓ **Manual Tests**: Easy to use manual tests for business users

✓ **Automated Tests**: for all SAP and non-SAP processes – certified integration of market-leading partner test tools for test planning, execution and reporting

✓ **Test Data**: semi-automatically identify, validate and provide suitable test data for all tests

✓ **Change Impact Analysis**: reduce test scope based on software changes and smart calculations

✓ **Test Planning**: automatically proposes test plan fitting the needs of the upcoming test cycle

✓ **Analytics**: automatically provides full transparency of test status and test progress for all involved parties
SAP Solution Manager 7.2 Test Suite

SSM 7.2 SP05 Deltas Overview
# 2017 Planned Innovations
Top 20 Test Suite Enhancements of SAP Solution Manager 7.2 SP05

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<td>Test Plan Management</td>
<td>• Support of Process Variants defined in Solution Documentation&lt;br&gt;• Business partner of type Team&lt;br&gt;• Test Classification – now supporting multiple values for test cases</td>
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<td>BPCA and SEA</td>
<td>• Support of Process Variants defined in Solution Documentation&lt;br&gt;• TSO with multiplicity parameter to allow selection of more test cases than just 1&lt;br&gt;• Dynamic TBOM generation for Fiori apps&lt;br&gt;• BPCA Self Check – included checks for where-used index required for generation of semi-dynamic TBOMs&lt;br&gt;• ChaRM integration: xlsx upload for RFC, ITR, Work Package (WP), Change Documents (CD), Work Items (WI)&lt;br&gt;• SEA: input fields changed for generation of Executable Library (now system and client)</td>
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<td>Manual and automated tests</td>
<td>• Report damaged test case errors and handling of damaged test cases</td>
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<tr>
<td>Manual Testing</td>
<td>• New layout design: multiple tabs providing more convenient access to information and actions&lt;br&gt;• Easy fashion to access test data stored in Test Data Container&lt;br&gt;• Improved handling of Test Note and Test Results</td>
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<td>Test Automation</td>
<td>• CBTA: Significant improvement of coverage for Fiori apps and SAPGUI for HTML (both used in S/4HANA)&lt;br&gt;• TCE: Copy of test configurations including test scripts&lt;br&gt;• Include transport of Test Configs into export / import / transport of Solutions</td>
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</table>

* This is the current state of planning and may be changed by SAP at any time.
SAP Solution Manager 7.2 Test Suite

SP05 Deltas: features used in multiple Test Suite applications
User Personalization

**Personalization Profiles**

Users can maintain multiple profiles. One of them is set as Default

**Feature Details**

- Users need to enter multiple fields in different applications. Frequently used values can be stored in profiles.
- Multiple profiles can be created but one of them is designated as standard.
- The applications e.g. Test Plan creation populate values from Default profile
- User Parameters for TBOM creation, Maximum visible nodes are moved to Personalization

**Benefits**

Users can significantly reduce the time to enter frequently used values in different applications
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality
Tester of type Team

**Team assignment**

Assign Business Partner Organization or Group as Tester

**Feature Details**

Business Partner type Organization and Group Supported as Testers

Two new relationship categories to handle tester assignments.
- Has the Testers (FTST001)
- Is Tester for (TTST001)

**Benefits**

Test Coordinator can create relationships and manage Test teams rather than individual testers
SAP Solution Manager 7.2 Test Suite

SP05 Deltas for Test Plan Management
Test Plan Management – Tester Assignment

• Business Partner field accepts multiple input types

Feature details

• For any Business Partner input e.g. Test Plan Responsible, Tester, Name, Business Partner or System User can be entered
• System automatically displays the name by retrieving information

Benefits

• Easier for Test Coordinators to perform resource assignments
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality

Final Status

Finalized Status

• A new Status Schema ‘Detailed’ shipped by SAP with a Final Status

Feature details

• Test Plan can be set to a Final Status
• Once the final status is set, Test Plan becomes read only
• Finalized Test Plans can be ignored by Tester’s Worklist, Reports ..

Benefits

• Faster queries as Finalized Test Plans ignored by default
• Good from audit perspective, Finalized Test Plan can not be changed any more
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality

Process Variants

- Process variants shown in Hierarchy during Test Plan creation

Feature details

- Process variants can be selected during Test Plan creation
- If Process variant has an associated process diagram, Process steps from the diagram and read and made available for selection

Benefits

- Customers can use Process Diagrams to capture Process Variants and use them during Testing

Note: Collaboration diagrams are not supported
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality

Include Released Documents Only

Ensure only released Test Documents are selected in a Test Plan

Feature details

• Customers want to restrict selection to Test Cases which have gone through review/Approval before they are included in a Test plan
• If this check box is checked, the test documents not Released are excluded.
• If a Test Document in released status is selected, its flagged as changed only if there is a new version which is also Released

Benefits

• Customers can ensure Test Documents are reviewed before they become available for selection
Assign Test Data Sets

Assign Test Data Sets to Test Plan/Test Package.

Feature Details

Customers can use existing Test Data containers and assign them as Test Data sets in Test Plan or Test Package.

Test Data sets assigned to Test Plan can be assigned to multiple Test Packages.

Benefits

Once assigned, Test data set is available during Test execution and can be launched by Tester. The need to use ABAP program to generate URL for TDC and update test cases content is eliminated.
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality
Test Plan Copy - Options

Retain Snapshot or get latest Content
Two options are offered during Test Plan Copy

Feature details
- Solution documents/structures can be updated after a Test Plan is copied
- When a Test Plan is copied, user gets two options
  - Retain Original Content of Test Plan
  - Automatically update Test Documents/Structures to latest content in Solution

Benefits
- Higher Flexibility
SAP Solution Manager 7.2 Test Suite

SP05 Deltas for BPCA
BPCA and SEA Preparation

1. Dynamic TBOM generation for executables of type Fiori
2. TBOM generation based of ABAP Call Monitor (SCMON): coverage for SAP CRM improved SP03-05 (SAP Note 2418464)
3. ChaRM integration: xlsx upload feature for RfC, ITR, Work Package (WP), Change Documents (CD), Work Items (WI)
4. BPCA Self-Check: new check: where-used index up to date required for generation of semi-dynamic TBOMs
5. Down- and Upload of Solutions between SAP Solution Manager systems: TBOMs now included
6. SEA: removed Source Branch with system to read usage data (Step 2) for Executable Library generation

BPCA and SEA Analysis

1. New user personalization via tile „Personalization Test Suite“: default values set for input fields during analysis creation
2. Process Management and Test Suite including BPCA / SEA support the new concept of Process Variants
3. Test Suite Launchpad: view Overview – tab BPCA: user can select change events like transports not included in BPCA analysis and trigger new BPCA analysis directly from this view
4. TSO: new „Multiplicity parameter“ to increase number of included nodes of Solution Documentation for change impacts
5. TSO: new optimization feature within 1 node of Solution Documentation when multiple executables assigned
6. Improved runtime performance for small change events (SAP Note 2399975 for SSM 7.1)
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality

BPCA and SEA

BPCA and SEA Preparation

• Custom attribute to flag mission critical business processes / process steps

Feature details

• SAP Best Practice highly recommend to flag mission critical BP / PS
• BPCA Test Scope Optimization allows to define an optimization approach to force impacted critical nodes into the test scope, especially when Test Scope < 100%
• SP05 delta: Definition of Custom Attribute can be accelerated by using SAP delivered DOMAIN and Data Element AGS_BPCA_PROCESS_PRIORITY

Benefits

• SAP customers can follow SAP Best Practice to flag mission critical processes in a much faster way
BPCA and SEA Preparation

- ChaRM integration: xlsx upload feature for RfC, ITR, Work Package (WP), Change Documents (CD), Work Items (WI)

Feature details

- Ability to upload ChaRM entities from external file to subsequently derive transports including changed objects

Benefits

- Faster processing of BPCA analysis creation
- Ability for change manager to receive information from other users such as developers
BPCA and SEA Analysis

- Process Management and Test Suite including BPCA / SEA support the new concept of Process Variants

Feature details

- **Use Case 1**: Process Variant with assigned E2E Test Case, but without Process Diagram and no Process Steps assigned to Business Process
- Executable assigned represents „start of process“
- End to End test case assigned to Process Variant
- TBOM contains all objects of the Process Variant and might be created by automated test

Benefits

- Change Impact Analysis, manual and automated tests and Test Plan Management for Process Variants
- Very easy to setup
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality
BPCA and SEA

BPCA and SEA Analysis

- Process Management and Test Suite including BPCA / SEA support the new concept of Process Variants

Feature details

- **Use Case 2a**: Process Variant with assigned E2E Test Case and Process Diagram
- End to End test case assigned to Process Variant
- Process Diagram used to derive those Process Steps (and Executable, TBOM) relevant for this Process Variant
- Note: Process diagrams supported, Collaboration Diagram supported via SAP Note in SP05

Benefits

- Change Impact Analysis, manual and automated tests and Test Plan Management for Process Variants
- Easy to setup
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality
BPCA and SEA

Business Process
- n Process Steps
- Process Variant (PV)
- Test Case

Process Variant (PV)
- Process Diagram
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality
BPCA and SEA

Business Process

- with Process Variant (PV)
- and Process Diagram and assigned to PV with selected Process Steps
BPCA and SEA Analysis

- Process Management and Test Suite including BPCA / SEA support the new concept of Process Variants

Feature details

- Use Case 2b: Process Variant with assigned E2E Test Case and Process Diagram
- Test Cases assigned to Process Steps
- Process Diagram used to derive those Process Steps (and Executable, TBOM) relevant for this Process Variant
- Note: Process diagrams supported, Collaboration Diagram supported via SAP Note in SP05

Benefits

- Change Impact Analysis, manual and automated tests and Test Plan Management for Process Variants
- Easy to setup
BPCA and SEA Preparation

- Test Scope Optimization within one Solution Documentation node, such as Process Step

Feature details

- Situation: one node with multiple assigned executables and test cases. Executables can tested independent from each other.
- Prerequisite: Test Case assignment to Executables – which defines groups of Executables – Test Cases for this node
- New optimization: BPCA TSO can optimize the test scope for the above situation.

Benefits

- Smaller test scope
- Less test execution effort
BPCA and SEA Preparation

- Test Multiplicity

Feature details

- New feature to allow Test Scope Optimization to define whether a changed object shall be tested more than once
- Example: one changed object is used by multiple executables.
- Setting done in BPCA TSO Optimization Approach
- Note: Test Scope will be increased

Benefits

- Ability to influence test scope reduction for BPCA Test Scope Optimization
- Ability to influence the risk level and resulting test effort
BPCA and SEA Preparation

- Supported TBOM types by executable types

<table>
<thead>
<tr>
<th>Executable Type</th>
<th>Dyn TBOM</th>
<th>Semi-dyn.TBOM</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transaction, Report</td>
<td>yes</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>WD-ABAP</td>
<td>yes</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>CRM Web-Client</td>
<td>yes</td>
<td>yes</td>
<td>SAP Note for SCMON for SP03 and higher for SAP CRM system</td>
</tr>
<tr>
<td>Web-Link for SAP applications</td>
<td>yes</td>
<td>no</td>
<td>Workaround for SAPUI5 / Fiori for SP03 – SP04</td>
</tr>
<tr>
<td>SAPUI5 and Fiori</td>
<td>yes (SP05)</td>
<td>no</td>
<td>Semi-dyn TBOM generation planned for future SSM Feature Pack.</td>
</tr>
</tbody>
</table>
SAP Solution Manager 7.2 Test Suite

SP05 Deltas for Manual and Automated Testing:
Damaged Test Cases
Manual and Automated Test Execution

- Damaged Test Cases

Feature details

- Testers and Test Coordinators can report test cases as damaged in situations, where the failure is expected to be caused by an incorrect test case and not due to a defect of the application under test.
- Available for manual and automated test cases as well as executables.
- Specific transaction type used for damaged test cases (SAP delivered transaction type SMDT)
- Analysis and follow-up actions including display test case, distribute damaged information to impacted test plans, display test execution log (auto tests), Go To like usage location

Benefits

- Efficient handling of follow-up actions, since the Tester / Test Coordinator can request an assessment of the damaged test case and potential repair activities without knowing the expert such as the Test Engineer or test case owner.
Create ticket for damaged test case

Trigger: Test execution failure for manual / automated test or executable

Tester Worklist
Role: Tester

Test Execution Analytics
Role: Test Coordinator

View damaged test cases

Roles: Test Coordinator, Test Engineer

Damage

- Damage 1
- Damage 2
- Damage 3

Infos
- Damage status
- Processor
- ...

Follow-up actions

Roles: Test Coordinator, Test Engineer

Actions
- Display / edit test case
- Distribute damaged information to impacted test plans
- Open test execution log for automated tests (original and latest log)
- Go To: identify node in Solution Documentation where damaged test case assigned
- ...

My Tasks – Damaged Test Case Worklist
SAP Solution Manager 7.2 Test Suite

SP05 Deltas for Manual Testing
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality

Review Tester’s Worklist

Review Tester Worklist

Certain authorized persons e.g. Test Coordinator or Business Process Expert can login and access worklist of another tester

Feature Details

Once the reviewer uses 'On Behalf of' search query, the reviewer can access worklist of another Tester

Benefits

The Reviewer can use this query to access Test notes and Test Result of the tester for review

The reviewer can also execute tests and set status on Tester’s behalf.

The audit trail is maintained in History so that its clear who executed the Test Case
New Layout

New Tab based layout for Testers

Feature Details

Testers can maintain Personalization Profiles and change the layout to Tab based.

Benefits

• Easier to Use
• Direct access to set status, Test Ended and comments
• Static header for better readability
• Counts displayed for Defects, attachments

One Time Setup in Personalization Settings
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality

Better Test Note/Test Result Handling

Easier Handling of Test Note/Test Result
Simplified handling

Feature Details

• Number of clicks reduced
• New Option ‘Upload New Version’
• New Option ‘Create and Check out’
• Additional Popup required only to Maintain attributes

Benefits
• Easier to Use
SAP Solution Manager 7.2 Test Suite

SP05 Deltas for Test Automation
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality
Test Automation - Overview

**Test Automation Framework (TAF) and Test Composition Environment (TCE)**

1. Import / Export for Solution Documentation
2. Transport for Test Configurations from Test Repository
3. Test Repository: Search criteria for test repository has been enhanced
4. System Under Test (SUT) Management: access control Business User credentials
5. System Under Test (SUT) Management: configuration improvement: tester profile propagation
6. System Under Test (SUT) Management: external service without RFC to access SAP Cloud solutions
7. TCE: Test Configuration creation from Solution Documentation – usability improvements

**CBTA**

1. TCE and CBTA: URI propagation to relevant Test Configurations
2. Drop down combo box in CBTA wizard to select options for Check Property
3. Improved automation of Fiori / SAPUI5 applications and SAPGUI for HTML
Test Automation Framework

• Import / Export for Solution Documentation

Feature details

• During a branch export, automated tests (included into the scope) are added into a transport of copies automatically.

• After the transport reached the target system, they are adjusted during the import of the branch to match with the target solution.

Benefits

• Efficient transfer of test assets between Solutions and SAP Solution Manager systems
Test Automation Framework

- Create Transport from Test Repository

Feature details

- You can create a transport request for Test Configurations and Test Scripts from Test Repository – Test Configurations

Benefits

- Convenient way to transport Test Configurations, e.g. from SAP Solution Manager QAS to PRD system
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality

Test Automation

Area

• Test Repository: Search criteria for test repository has been enhanced

Feature details

• New selection parameters added, e.g.
  • Tool Name (e.g. CBTA)
  • Executable Type
  • Created By
  • ...

Benefits

• Faszer selection of Test Configurations that shall be analyzed or included in transports
Test Automation Framework

- SUT Management improvements

Feature details

- You can propagate a test profile name into all system roles for a logical component group.
- Path: Tile Test Suite – Administration – Test Automation Framework – SUT Management

Benefits

- Efficiency improved to setup test automation
- Definition of homogeneous Test Profiles
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality

Test Automation

Test Automation Framework

• SUT Management improvements

Feature details

• Authority check get an additional level and can now be controlled by logical component group and test profile.

Benefits

• Access control and Security
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality
Test Automation

Test Automation Framework
• SUT Management improvements

Feature details
• external service without RFC to access SAP Cloud solutions
• A new Web URL type (external service) is now supported, which allows retrieval of the URL for a Cloud system from LMDB.
• This new type is supported in Test Composition Environment and does not require RFC destination.

Benefits
• Avoid URL value replication in Solution Documentation, Test Suite and LMDB.
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality

Test Automation

Test Composition Environment

• TCE: Creation of Test Configuration from Solution Documentation – Usability Improvements

Feature details

1. When creating a new Test Configuration, multiple fields have now default values

2. When creating a composite test defined at Business Process level, all test scripts of corresponding process steps are automatically proposed in the order of the process steps

3. When there is only one executable defined for the structure node (e.g. process step) in Solution Documentation, this executable will be automatic assigned for creation of a new test configuration on that level.

4. In case of multiple executables, the same result can be achieved, selecting one specific executable in solution documentation, and using the context menu to create a new test configuration.

5. Title of test configuration created from Solution Documentation will be defaulted to the description of the corresponding structure node (e.g. process step).

6. Button “Share URL” offers the capability to send by mail the url to access the current Test Configuration or Test Script.

7. All attributes (from test configuration and test script) are now merge in one single view.
Test Composition Environment

- TCE: Creation of Test Configuration from Solution Documentation – Usability Improvements

Feature details

- When creating a composite test defined at Business Process level, all test scripts of corresponding process steps are automatically proposed in the order of the process steps.
TCE and CBTA

- TCE and CBTA: URI propagation to relevant Test Configurations

Feature details

- In test composition environment, when URI parameters need to be updated to recognize a UI element after changes, the new parameters can be propagated automatically to all relevant Test Configurations (depending on specified search criteria as default component).

Benefits

- Mass maintenance for efficient CBTA test script maintenance
CBTA

• Drop down combo box in CBTA wizard to select options for Check Property

Feature details

• New popup to specify the type of field that shall be checked
• The new popup makes it much easier for the user to select the type

Benefits

• Usability improvement
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality
Test Automation

CBTA
- CBTA coverage improvement for HTML based applications

Feature details
- Significant larger coverage of Fiori, SAPUI5 and SAPGUI for HTML applications with CBTA 3.0 SP08

Benefits
- Ability to automate many more SAP business transactions
SAP Solution Manager 7.2  Test Suite

SP05 Deltas for Test Suite Analytics
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality
Test Suite Analytics – SP05 Delta overview

Gap and Completeness Reports
1. Extended report: TBOMs and Test Cases by Executables
2. New report: Test Case Assignment to Solution Documentation

Test Execution Analytics
• No change

Progress Reports (BW based)
• No change
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality
Gap and Completeness Reports: TBOMs and Test Cases by Executables

**Gap and Completeness Reports**
- TBOMs and Test Cases by Executables

**Feature details**
- Report execution from tile „Test Suite – Test Preparation“ and tile „Test Suite – Analytics“
- The report performs an analysis of the entire Solution

**Benefits**
- Flexible analysis of Test Case and TBOM assignment to Executables in Solution Documentation
- Dynamic filtering for available or missing Test Cases and TBOMs by type and many attributes

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Associated image of the report with details about the data and features.
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality
Gap and Completeness Reports: TBOMs and Test Cases by Executables

Popup: Scopes

- it is possible to limit to parts of Solution Documentation that shall be analyzed
  - create custom scope by filtering via attributes
    - SAP attributes like Person responsible
    - custom attributes
    - and/or select a specific view
  - Result: creates custom report, which can be launched via Solution Documentation – Global Functions - Reports

- (don’t change) Node Types
Filter: Type

- Where TBOMs exist

Filter definitions can be saved as Layout and used in the report where filter was defined
SAP Solution Manager 7.2 Test Suite – SP05 Delta Functionality
Gap and Completeness Reports: Test Case assignment to Solution Documentation

**Gap and Completeness Reports**
- Test Case assignment to Solution Documentation

**Feature details**
- Report execution from tile „Test Suite – Test Preparation“ and tile „Test Suite – Analytics“
- The report performs an analysis of the selected Solution / Branch / View and identifies available and missing test cases
- Attribute „assignment type“ applied for analysis

**Benefits**
- Available or missing test cases are shown along the hierarchy of business processes and libraries
- Report can be launched in different modes including
  - Full list
  - Negative list: missing test cases
  - Positive list: available test cases
SAP Solution Manager 7.2 Test Suite

Information Sources
Test Suite – more information for customers and partners

SAP Solution Manager WIKI – Test Suite

- Audience: customers and partners
- Positioning presentations
- How to configure and administration
- Tips and tricks
- Offline demos

SAP Solution Manager Knowledge Resources

SAP Enterprise Support Academy
- Expert Guided Implementation
- Accelerated Innovation Enablement
- Guided-Discovery Tutorials
- Meet the Expert
- Learning Maps

SAP Classroom Trainings*
- Setup & Configuration (SMx)
- Functional Overview and Usage (E2Ex)

Demo Systems
- Public Demo Systems
- Private Evaluation System (CAL)

Focused Solutions
- Focused Solutions Circle
- Focused Solutions Curriculum

Knowledge Resources
- Introduction (Management Competence)
- Key Value Chains (Core Competence)
- Functional Areas (Expert Competence)
- YouTube Playlists
- Media Center (Product videos, Guided-Discovery Tutorials)
- Product Documentation
- Community Forum in SCN
- Expert WIKIs
- Technical Information
- Overview Publication ("the book")
- Expert Publications

*) Planned availability Q1 2017

Click in the box for further details!
Test Suite – more information for customers and partners

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