SAP Solution Manager 7.2 – Test Suite
Test Suite Analytics

Solution Management, DBS, SAP SE
April 2018
Agenda

1. SAP Solution Manager 7.2 – Test Suite Overview

2. SAP Solution Manager 7.2 - Test Suite Analytics
   - Test Suite Analytics – Overview
   - Tile Overview
   - Completeness and Gap Reports
   - Test Execution Analytics (including Traceability Matrix)
   - Status and Progress Reports (including KPIs for manual tests)
   - Test Suite Dashboard (Focused Build)

3. More Information

4. Appendix
SAP Solution Manager 7.2 Test Suite
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

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

**Test Data**
- **SAP TDMS**
  - Lean test system setup and refresh
- **Test Data Container (TDC)**
  - Test data storage for manual and automated tests

**Test Automation Framework**
- **SAP Test Suite - CBTA** (Component Based Test Automation)
  - MicroFocus UFT
  - WorkSoft Certify
  - Tricentis Tosca
  - other 3rd party

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
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 acticated 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

# Most Common Vendors for SAP-Centric Test Management

## Legend
- **SAP Solution Manager and complementing tools**
- **Alternative products with overlapping functionality to SAP Solution Manager** (requires additional integration and on-going data replication)

* Former software division of Hewlett Packard Enterprise is now part of Micro Focus

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<th>Micro Focus*</th>
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<td>Tricentis Tosca Testsuite</td>
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SAP Solution Manager - Test Suite
Capabilities of SAP Solution Manager Test Suite and Focused Build

Focused Build for SAP Solution Manager

Prepare  Explore  Realize  Deploy  Run

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

SAP Solution Manager – Test Suite

Solution Documentation  Change Impact Analysis  Test Planning  Test System Setup  Test Execution and Analytics

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

Overview

Completeness and Gap Reports

Test Execution Analytics and Progress Analytics

Test Management Dashboard
Test Suite Analytics
Data Flow for analytical Applications

SAP BO Design Studio

SAP Analytics Cloud (SAC)

Test Suite Dashboard (Focused Build)

Test Execution Analytics

Progress Analytics

Test Suite BW MultiProvider

Gap and Completeness Reports

Test Suite tables

SAP Solution Manager 7.2 Test Suite

Standard BEx Queries

Standard Data Extractor

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Test Suite Analytics

Access

SAP Solution Manager 7.2 – Launchpad

Group: Test Suite → Tile: Test Suite - Analytics
User roles involved in Test Management can get a quick overview about test preparation and test execution activities.

**Role: Test Manager**
- Test execution status for all open Test Plans
- planned start / end dates
- open test cases and defects by Test Package

**Role: Tester**
- Test Packages assigned to me
- planned start / end dates
- Test Case assigned to me and my colleagues incl.status

**Role: Change Manager**
- Information about software changes differentiated by system, date intervall and change type, e.g. Transport, SP
- Info which changes have been analyzed by BPCA
Overview for Test Managers and Test Coordinators

- Which Test Plans are ready for execution?
- What is the test execution status by Test Plan and Test Packages?
- How many open Defects exists?
Overview for Testers

- Which Test Packages are assigned to me?
- What are planned start and end dates?
- Test Cases assigned to me and my colleagues including status
Test Suite Analytics
Tile Overview - Business Process Change Analyzer

Overview for Change Managers

- Information about software changes differentiated by system, date interval and change type, e.g. Support Packages, EHP, Business Function Activation and Software Transports
- Info which changes have been analyzed by BPCA
- Ability to create new BPCA Analysis for changes not yet analyzed
Test Suite Analytics
Completeness and Gap Reports
# Test Suite Analytics
## Completeness and Gap Reports

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<td>Hierarchical Report: Check availability of Test Cases for Executables, Process Steps and Business Processes</td>
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<td>Test Cases</td>
<td>Shows list of available Test Cases</td>
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<td>Test Plans – Node and Test Case Changes</td>
<td>Identifies Test Plans affected by changes in Solution Documentation, Test Case versions and test data for automated tests</td>
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| Test Case not included in Test Plan           | Purpose 1: identify Test Cases not included in Test Plans  
Purpose 2: identify Test Cases assigned to Test Plans, but no Test Package                                                                        |
Test Suite Analytics
Completeness and Gap Reports

TBOMs and Test Cases by Executables

- **Purpose:** Check availability of TBOMs and Test Cases for Executables of the Executable Library
- **Access via SAP Solution Manager Launchpad**
  - tile Test Suite - Test Preparation or
  - tile Test Suite - Analytics
- **Select Solution and Branch and launch the report**
- **Report breadcrumb navigation:** check the selected area of Solution Documentation.
  - Tip: you may have to selected the “Browser” view, select the correct section “Executable Library” and then go back to “List” view
Filters can be used for fine-granular selection, e.g. TBOM types or node attributes

<table>
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<th>Executables and Type</th>
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<th>Test Case Type</th>
<th>Logical Component</th>
<th>Path</th>
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<tr>
<td>Create Purchase Order</td>
<td>ME21N</td>
<td>Transaction</td>
<td>Semi-Dynamic (ABAP Monitor)</td>
<td>Non-Existent</td>
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<tr>
<td>Display Purchase Order</td>
<td>ME23N</td>
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<td>Semi-Dynamic (Usage Procedure Log)</td>
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<tr>
<td>Create Purchase Requisition</td>
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<td>Create TO for Delivery</td>
<td>LTO3</td>
<td>Transaction</td>
<td>Semi-Dynamic (Usage Procedure Log)</td>
<td>Semi-Dynamic</td>
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<tr>
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<td>VA01</td>
<td>Transaction</td>
<td>Semi-Dynamic (ABAP Monitor)</td>
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<td>Change Sales Order</td>
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<tr>
<td>Display Sales Order</td>
<td>VA03</td>
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<tr>
<td>Create Quotation</td>
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<td>Transaction</td>
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<tr>
<td>Create Outbound Delivery with Order Change</td>
<td>VL01N</td>
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<td>Semi-Dynamic (ABAP Monitor)</td>
<td>Manual</td>
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<tr>
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<td>PRP1 disp</td>
<td>Transaction</td>
<td>Semi-Dynamic (Usage Procedure Log)</td>
<td>Non-Existent</td>
</tr>
<tr>
<td>Manager's Desktop</td>
<td>PPCI1</td>
<td>Transaction</td>
<td>static</td>
<td>Non-Existent</td>
</tr>
<tr>
<td>Check Relationships</td>
<td>RE_IDCHECK</td>
<td>Transaction</td>
<td>static</td>
<td>Non-Existent</td>
</tr>
<tr>
<td>Display FD Database Records</td>
<td>RE_RHRAZ00</td>
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<td>static</td>
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<td>Attendee Approval</td>
<td>PV34</td>
<td>Transaction</td>
<td>static</td>
<td>Non-Existent</td>
</tr>
<tr>
<td>Database Statistics: No. of Obj...</td>
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<td>Transaction</td>
<td>static</td>
<td>Non-Existent</td>
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</tbody>
</table>

**Detail panel for selected Executable**
Test Case Assignment to Solution Documentation

- **Purpose**: check availability of Test Cases for Executables, Process Steps and Business Processes
- **Hierarchical display of nodes with assigned test cases**
- **Filter options to show nodes without test cases**
- **Columns showing important attributes, e.g. Assignment Type, Prio, Responsible**
- **Forward navigation to test case**
Test Suite Analytics
Completeness and Gap Reports

Test Cases

- Purpose: shows list of available Test Cases
- Additional information by test case, such as Test Case Type, Test Case Classification
- Rich filter functions
- Forward navigation to test case and process node
Test Suite Analytics
Completeness and Gap Reports

Test Plans – Node and Test Case Changes

• Purpose: Identifies Test Plans affected by changes in Solution Documentation, Test Case versions and test data for automated tests
• Changes
  • Structure change
  • Document change
  • Test Config Variant change
• Forward navigation
  • Test Package Analysis
  • Test Case Analysis
  • Defect Analysis
Test Suite Analytics
Completeness and Gap Reports

Test Cases not included in Test Plans

- Purpose 1: identify Test Cases not included in Test Plans
- Purpose 2: identify Test Cases assigned to Test Plans, but no Test Package
Test Suite Analytics
Test Execution Analytics
# Test Suite Analytics

## Test Execution Analytics

<table>
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<td>2. Multiple Test Plan Status Details</td>
<td>SPS 06</td>
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<td>3. Test Plan – Test Package Analysis</td>
<td></td>
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<tr>
<td>4. Test Plan – Test Case Analysis</td>
<td></td>
</tr>
<tr>
<td>5. Test Package – Test Case Analysis</td>
<td></td>
</tr>
<tr>
<td>6. Test Plan – Defect Analysis</td>
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<td>7. Test Package – Defect Analysis</td>
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<td>8. Test Report</td>
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<tr>
<td>9. Traceability Matrix</td>
<td>SPS 07</td>
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</table>
Test Suite Analytics
Test Execution Analytics

Multiple Test Plan Status Overview

- Status overview for multiple Test Plans
- Status for Test Cases and Defects
- High number of columns – with user personalization
- Drilldown to related analytics for selected test plan
  - Test Plan – Defect Analysis
  - Test Plan – Test Case Analysis
  - Test Plan – Test Package Analysis
Test Suite Analytics

Multiple Test Plan Status Details

• Analysis of multiple test plans with status details

Feature details

• Analysis for multiple test plans including Test Packages, Tester, test status, defects, etc.

Benefits

• Comprehensive status analysis for Test Coordinators
Test Suite Analytics
Test Execution Analytics

Test Plan – Test Package Analysis

- Status for 1 Test Plan and assigned Test Packages
- Status and statistics for each Test Package
- High number of columns – with user personalization
- Drilldown to related analytics for selected test plan
  - Test Case Analysis
  - Defect Analysis
Test Suite Analytics
Test Execution Analytics

Test Plan – Test Case Analysis

- Status for 1 Test Plan with hierarchy and assigned test cases
- Status and statistics for each Test Case and Defects
- High number of columns – with user personalization
- Drilldown to related analytics for selected test plan
  - Test Package Analysis
  - Defect Analysis
Test Suite Analytics
Test Execution Analytics

Test Plan – Defect Analysis

- List of Defects for multiple Test Plans
- Many selection parameters to influence suitable analysis
- Multiple columns – with user personalization
- Drilldown to related analytics for selected test plan
  - Test Case Analysis
  - Test Package Analysis
Test Suite Analytics
Test Execution Analytics

Test Report

- Purpose: Summary of test results in generated MS Word format with chapter structure
- Many selection parameters to influence output, e.g.
  - Test Plan details
  - Test Packages status
  - Solution Documentation
  - System Landscape
  - Defects, …

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2.3.2 Planned Data and Effort

Attribute | Value
--- | ---
Planned Start Date | 01.05.2018 00:00:00 - Central Europe (UTC+01)
Planned End Date | 30.06.2018 24:00:00 - Central Europe (UTC+01)
Planned Duration | 1 m

2.3.3 Actual Data and Effort

Attribute | Value
--- | ---
Actual Start Date | 23.05.2018 00:00:00 - Central Europe (UTC+01)
Test Suite Analytics
Test Execution Analytics

Traceability Matrix

- **Purpose:** report to show the entire chain from requirements, change documents, … to test case status and defects

- **Benefits:** roles like Test Manager, Q-Manager and Change Manager get full transparency about development, test and correction status

- **Availability:** SAP Solution Manager 7.2 SPS 07
## Test Suite Analytics

### Traceability Matrix: available columns

- Project
- Change Cycle
- Business Requirement
- Process
- Process Step
- IT Requirement
- Request for Change
- Change Document
- Transport
- Test Plan
- Test Case
- Test Execution Status
- Defect
- Defect Status

---

**Traceability Matrix**

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<th>Project Name</th>
<th>Project...</th>
<th>Change...</th>
<th>Change Cycle...</th>
<th>Business...</th>
<th>Process</th>
<th>Process Step</th>
<th>IT Requirement...</th>
<th>IT Requirement description</th>
<th>IT Requirement Status</th>
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<td>Innovation Project 2019</td>
<td>Released</td>
<td>800004...</td>
<td>Innovation 2019</td>
<td>Order to cash V2 - R</td>
<td>Create Sales Order</td>
<td>8000047579</td>
<td>Change SO Germany 02</td>
<td>Implement</td>
<td></td>
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<tr>
<td>RK_HEADER</td>
<td>Innovation Project 2019</td>
<td>Released</td>
<td>800004...</td>
<td>Innovation 2019</td>
<td>Create Sales Order</td>
<td>8000047697</td>
<td>ITR 1 for BR Extend</td>
<td>Implement</td>
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**Test Case Analytics**

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<th>Test Case ID</th>
<th>Change Document...</th>
<th>Change Document Status</th>
<th>Transport...</th>
<th>Transport ID</th>
<th>Test Plan...</th>
<th>Test Plan ID</th>
<th>Test Plan ID</th>
<th>Test Plan ID</th>
<th>Test Case...</th>
</tr>
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<tr>
<td>8000047605</td>
<td>Testing to</td>
<td>MWBK...</td>
<td>Released</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>8000047606</td>
<td>In Develop</td>
<td>MWBK...</td>
<td>Chang...</td>
<td>BPCA 1624 WITH TSO CC.800004...</td>
<td>RT</td>
<td>TPK 1...</td>
<td>Order to Cash 2 - R</td>
<td>TEST_OK</td>
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Test Suite Analytics
Status and Progress Reports (BW-based)
### Test Suite Analytics

Status and Progress Analytics (BW based)

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<td>SPS 06 plus SPS 07 extensions</td>
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<tr>
<td>3. Test Package – Status Analytics</td>
<td></td>
</tr>
<tr>
<td>4. Test Case – Status Analytics</td>
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<td>6. Defect Analytics - Status</td>
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<td>7. Defect Analytics - Progress</td>
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<td>8. Defect Analytics - Operation</td>
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<td>9. Test Effort Analytics</td>
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<tr>
<td>10. Test Effort Over Time</td>
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</table>
Test Suite Analytics
Status and Progress Analytics (BW-based)

Dashboard with KPIs for manual testing

- Test Suite Dashboard shows KPIs relevant for manual testing

Features

- Tiles, graphs and tables for KPIs
  - Number of active vs. passive testers
  - Test Cases in status error w/o defects
  - Total number of defects resolved
  - Number of test cases performed per tester
  - Number of defects per Test Plan and TPK
  - Number of defects per test case
Test Suite Analytics
Status and Progress Analytics (BW-based)

Dashboard with KPIs for manual

- Drilldown for KPI: Number of active / passive testers
Test Suite Analytics
Status and Progress Analytics (BW-based)

Dashboard with KPIs for manual

- Drilldown for KPI: Number of active / passive testers → View: Detailed View → shows names of involved testers
Test Suite Analytics
Status and Progress Analytics (BW-based)

Layout of Progress Reports

4 Drill-down
• Selection of available fields for drill-down
• Assignment of field to rows or columns

1 Selection
• Selection parameters
• Saved Selections
• Save Selection As

2 Graphic

3 Grid
• Filter
• Sort
• …
Test Suite Analytics
Status and Progress Analytics (BW-based)

Test Plan – Status Analytics

• Multiple Test Plans for selected dimensions like Solution, Branch, Test Plans, Owners, Release Status, …
• Result: Test Plan execution status with percentage of completion
• Result: Number of Test Cases per Test Plan in aggregated test execution status
• Drilldown by many dimensions
Defect Analytics - Status

- Multiple Test Plans for selected dimensions like Solution, Branch, Test Plans, Owners, Release Status, …
- Result: Number of Defects by Test Plan with status information
- Drilldown by many dimensions
Test Suite Analytics
Status and Progress Analytics (BW-based)

Progress Analytics

- Multiple Test Plans for selected dimensions like Solution, Branch, Test Plans, Owners, Release Status, …and time intervall
- Result: Time series of number of Test Cases per Test Plan in aggregated test execution status
- Drilldown by many dimensions
Test Suite Analytics
Status and Progress Analytics (BW-based)

Test Case - Status Analytics
- Report: Test Case – Status Analytics with additional details about test execution status

Feature details
- Test Execution Status for test cases

Benefits
- Efficient test execution analysis for Test Coordinator
Test Suite Analytics
Status and Progress Analytics (BW-based)

Defect Analytics - Status
• Report: Progress Analytics with additional details about Test Defects

Feature details
• Drilldown capability to Defect including Defect ID and Description

Benefits
• Efficient test execution analysis for Test Coordinator
Test Suite Analytics

Test Suite Dashboard  Focused Build
Test Suite Analytics
Dashboard for Test Manager and Test Coordinators

Test Suite Dashboard*

- Test Coordinator can assess multiple test plans in a fast and convenient fashion
- Status of open test executions and defects in graphical format
- Details in table format
- Test execution progress
- Test Coordinators can monitor defects created from test executions
- Traceability Matrix to monitor progress of development, test execution and defect correction

* Capability provided by Focused Build for SAP Solution Manager
Test Suite Analytics
Dashboard for Test Manager and Test Coordinators

Test Suite Dashboard*

- Test Suite Dashboard is part of Focused Build and can be used in 2 Modes
- **Mode 1: Test Suite for Focused Build**
  based on additional Focused Build entities, such as Work Package
- **Mode 2: Test Suite**
  based on standard Test Suite entities

* Capability provided by Focused Build for SAP Solution Manager

Mode 1 views
1. Overview
2. Test Preparation
3. Test Execution Status
4. Defect Status
5. Traceability Matrix

Mode 2 views
1. Overview
2. Test Execution Status
3. Defect Status
SAP Solution Manager – Test Suite
More Information for Customers and Partners
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 Learning Resources Overview

Build up your knowledge and skills

**Available Learning Resources**

From Interest to Expert Knowledge

**Management Competence**
[Introduction]

- **Overview Videos**
- **Virtual Roadshow**

**Core Competence**
[Key Value Chains]

- **Overview Publication**
  - SAP Solution Manager for SAP S/4HANA
- **Overview Information**
  - SAP Solution Manager Homepage (support.sap.com/solutionmanager)
  - Processes, Product, Release, and Support Info
  - Focused Solutions
  - Ready-to-run solutions for SAP Solution Manager

**Expert Competence**
[Functional Areas]

- **Expert Publication**
  - Monitoring and Operations with SAP Solution Manager
- **Technical Documentation**
  - Supported languages, browsers, and databases

**SAP Solution Manager Community**
- Blogs & Questions

**System Landscapes**
- Private Cloud System (CAL), Public Demo System, Internet Demo System

**Live Expert Sessions & e-Learnings**
- Get empowered by the SAP Enterprise Support Academy

**SAP Demo Systems**
- Live Expert Sessions & e-Learnings

**SAP Education**
- Classroom Trainings
  - Setup, configuration, and functional overview

**SAP Help Portal**
- Product Documentation
  - Application Help, Release Notes, Installation, Upgrade, and Security Guides

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Appendix: Status and Progress Analytics based on BW
Test Suite Analytics – Status and Progress Analytics
Activation of BW Content and Setup of BW Extractor

**Configuration activities**

- **What**: Activate BI content and setup extractor program
- **How**: Transaction SPRO
Test Suite Analytics – Status and Progress Analytics

Overview of data extraction architecture

Status and Progress Analytics based on BW

- **Frontend**: Web-Dynpro ABAP with Floor Plan Manager (FPM) using control: FPM_BICS_GRID_RUIBB

- **BW Queries**
  - BW T-Code to execute query: RSRT
  - Various BW queries in name space 0SMT_*

- **BW Model**
  - BW T-Code to view data model: RSA1
  - InfoArea: 0SM_SMT
  - InfoProvider: SAP Solution Manager – Test Management (0SM_SMT)
    - MultiProvider: Test Management MultiProvider (0SMTMP01)
      - Current Cube (0SMTEXCU)
      - Snapshot Cube (0SMTEXSNP)

- **Extractor programs**
  - E2E_SMT_EXTRACTOR – selects data from Test Suite
  - E2E_SMT_DATALOADER – writes data to BW data structures
## Test Suite Analytics – Status and Progress Analytics

**BW Queries for Test Management MultiProvider 0SMTMP01**

<table>
<thead>
<tr>
<th>Area</th>
<th>BW Query</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status</td>
<td>0SMTMP01/0SMT_TP_STATUS</td>
<td>Test Plan</td>
</tr>
<tr>
<td>Status</td>
<td>0SMTMP01/0SMT_TG_STATUS</td>
<td>Test Package</td>
</tr>
<tr>
<td>Status</td>
<td>0SMTMP01/0SMT_TC_STATUS</td>
<td>Test Case</td>
</tr>
<tr>
<td>Progress</td>
<td>0SMTMP01/0SMT_TP_STATUS_PROG</td>
<td>Progress by Test Plans</td>
</tr>
<tr>
<td>Defect</td>
<td>0SMTMP01/0SMT_DF_STATUS</td>
<td>Defect status</td>
</tr>
<tr>
<td>Defect</td>
<td>0SMTMP01/0SMT_DF_PRIO</td>
<td>Defect priority</td>
</tr>
<tr>
<td>Defect</td>
<td>0SMTMP01/0SMT_DFOPER</td>
<td>Defect components, transaction type, …</td>
</tr>
<tr>
<td>Test Effort</td>
<td>0SMTMP01/0SMT_EF</td>
<td>Effort</td>
</tr>
<tr>
<td>Test Effort</td>
<td>0SMTMP01/0SMT_EF_OT</td>
<td>Effort over time</td>
</tr>
</tbody>
</table>
Test Suite Analytics – Status and Progress Analytics

User authorizations

Configuration

• User performing tasks to activate BW Content and setup data extraction to BW require the same authorization as normal Test Suite users performing configuration activities.

Reporting

• All normal users that want to use Status and Progress Analytics require authorizations included in role SAP_BI_E2E_SMT.
Test Suite Analytics – Status and Progress Analytics

Trouble Shooting

Application Log

- transaction SLG1

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Object</th>
<th>Subobject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Setup</td>
<td>SMT_ST</td>
<td>SMT_SETUP</td>
</tr>
<tr>
<td>ST Extractor</td>
<td>SMT_ST</td>
<td>SMT_EXT</td>
</tr>
<tr>
<td>ST-BCO Dataloader</td>
<td>SMT_BCT</td>
<td>SMT_DL</td>
</tr>
</tbody>
</table>
Test Suite Analytics – Status and Progress Analytics

Trouble Shooting

Example of Application Log

- Sub-object = SMT_EXT