Manual Testing with SAP Solution Manager

ALM Solution Management, AGS, SAP AG
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### Typical Test Process in SAP Solution Manager

<table>
<thead>
<tr>
<th>Step</th>
<th>Role</th>
<th>Tasks</th>
</tr>
</thead>
</table>
| Test Preparation      | Business Process Expert       | - Check Business Blueprint / Configuration  
|                       | Quality Expert                | - View Business Process  
|                       |                               | - Create/Update Test Cases  
|                       |                               | - Re-Use Templates                                                   |
| Change Impact Analysis| Test Coordinator              | - Check Availability of TBOMs and Test Cases  
|                       |                               | - Run Analysis with Business Process Change Analyzer (e.g. for a Customizing Change)  
|                       |                               | - Create Test Plan                                                   |
| Test Planning         | Test Coordinator              | - Create/Update Test Plan  
|                       |                               | - Create Test Packages  
|                       |                               | - Assign Tester                                                      |
|                       |                               | - Define Test Sequences  
|                       |                               | - Release Test Plan – Sign Off                                       |
| Test Execution        | Tester                        | - Get E-Mail Notification  
|                       |                               | - Access Tester Worklist  
|                       |                               | - Perform manual Test  
|                       |                               | - Document Result                                                    |
| Test Reporting        | Test Coordinator              | - Access Test Status Overview  
|                       |                               | - Perform Test Status Analysis                                       |
|                       |                               | - Run Test Progress Report                                            |
Setup for Manual Testing
Manual Testing with SAP Solution Manager 7.0 and 7.1
Required Effort to setup Manual Testing

<table>
<thead>
<tr>
<th>Basic Configuration (one-time activities)</th>
<th>Approx. Effort</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activate Solution Manager Services</td>
<td></td>
</tr>
<tr>
<td>Setup Work Center for Test Management</td>
<td></td>
</tr>
<tr>
<td>Activate Workflow Functionality</td>
<td></td>
</tr>
<tr>
<td>Set-Up Automatic E-Mail Notification for Testers</td>
<td></td>
</tr>
<tr>
<td>Activate BI Reporting</td>
<td>2 days</td>
</tr>
</tbody>
</table>

How-To Guide available at SAP Service Marketplace
http://service.sap.com/testing ➔ Additional Information
Manual Testing with SAP Solution Manager 7.0
## Manual Test Execution with SAP Solution Manager 7.0

### Tester Worklist

<table>
<thead>
<tr>
<th>Test Plan</th>
<th>Errors</th>
<th>No Result</th>
<th>OK</th>
<th>Test Case</th>
<th>Test Object</th>
<th>Status</th>
<th>Message</th>
<th>Note</th>
<th>Status Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order-to-Cash</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Create Sales Order</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O2C_Create_FRP_Sales_Order</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td></td>
<td>VA01</td>
<td>CO</td>
<td></td>
<td>123</td>
<td>OK</td>
</tr>
<tr>
<td>O2C_Create_Outbound_Delivery</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O2C_Create_Delivery</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td></td>
<td>VL01N</td>
<td>CO</td>
<td></td>
<td>123</td>
<td>Errors, Retest Required</td>
</tr>
<tr>
<td>Post Goods Issue</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Untested</td>
</tr>
<tr>
<td>O2C_Post_Goods_Issue</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Test Script

- **Create Sales Order**
  - **Order Type**: 001
  - **Organizational Data**
    - **Sales Organization**: 12345
    - **Distribution Channel**: 123
    - **Division**: 123
    - **Sales Office**: 123
    - **Sales Group**: 123

### Start of Business Transaction

- **Create Sales Order: Initial Screen**
  - **Order Type**: 001
  - **Organizational Data**
    - **Sales Organization**: 12345
    - **Distribution Channel**: 123
    - **Division**: 123
    - **Sales Office**: 123
    - **Sales Group**: 123

### Test Status and Incident

- **Test Status:** Untested

### Test result documentation

- **Test Result Documentation**
  - **Errors:** 2
  - **No Result:** 1
  - **OK:** 1
  - **Status:** Untested

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Manual Testing with SAP Solution Manager 7.1
Manual Testing
Mail and Browser based Workflow for End-User

Email notification with link to relevant Test Package
Manual Test Execution with SAP Solution Manager 7.1
Convenient access for manual Testers

**Tester Worklist**

1. **Easy access for manual testers from Work Center Test Management**

2. **Test Packages assigned to Tester including status**

3. **Test Cases of selected Test Package**
   - Start of execution
   - Test status setting
   - Test Note creation
   - Incident creation
Manual Test Execution with SAP Solution Manager 7.1

Convenient test case execution for manual Testers

Create Sales Order

1 Prerequisites
Master data for products and customer, as well as sales organization

2 Test Data
Standard test data is included in the following test script. Please use the value help functionality in the SAP test system to obtain additional test data.

3 Test Execution
Your test package includes a button to start the business transaction Create Sales Order (transaction code VA01).

<table>
<thead>
<tr>
<th>Step</th>
<th>Activity/Default Test Data</th>
<th>Expected Result</th>
<th>Actual Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Initial screen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Standard Order Overview</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Manual Test Execution with SAP Solution Manager 7.1
Convenient test case execution for manual Testers

**Manual Test Case**

1. Test script is displayed to Tester
2. Start Execution → direct launch of SAP transaction in assigned test system
3. Tester enters Test Status
4. Test Note: Tester enters actual test results / screenshots
5. Messages: direct creation of incidents
Service Desk Integration
Improved Integration with Service Desk
Handover of System ID and Application Component

Additional handover of data from Test Case to Service Desk Message:

- System under Test
- Application Component based on Test Object

Message Type can now be changed in Central Test Workbench Settings. Default: SMIN (Incident)
Improved Integration with Service Desk

Navigation from Message to Test Case:

In the *Related Test Case* section you'll find the related Test Cases with links to access:

- Affected Transaction in System under Test
- The related project or solution
- Test Package
- Test Status Screen
- Test Case description

**BENEFIT**

Less effort and accelerated resolution for test related messages.
Thank You!