Creating a User Profile that Prevents the UD When the Result Recording is Incomplete

Applies to:
SAP QM Consultants, SAP ECC 6.0. For more information, visit the Supply Chain Management homepage.

Summary
When the Result Recording is not carried out or incomplete while doing the UD (user decision), the system should not be allowed to do UD. These are the steps needed to setup a user profile that prevents the UD from running for when the Result Recording is incomplete.

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Author Bio
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He has been working as a senior consultant for PP and QM Module, in SAP SCM department of Intelligroup Asia Private Limited since December 2003.
Table of Contents

Introduction .........................................................................................................................................................3
Abbreviations Used .........................................................................................................................................3
Requirement ....................................................................................................................................................3
Procedure ........................................................................................................................................................3
    Case1: First Status - INIT ..........................................................................................................................3
    Case2: Second Status – QFIN' ................................................................................................................3
How to Setup the Profile .....................................................................................................................................4
    Step 1 ..............................................................................................................................................................4
    Step 2 ..............................................................................................................................................................5
        First Status "INIT" ..................................................................................................................................5
        Second Status “QFIN” ..........................................................................................................................5
    Step 3 ..............................................................................................................................................................6
    Step 4 ..............................................................................................................................................................7
    Step 5 ..............................................................................................................................................................7
    Step 6 ..............................................................................................................................................................7
    Step 7 ..............................................................................................................................................................8
    Step 8 ..............................................................................................................................................................8
Execution ............................................................................................................................................................9
    Case 1 .............................................................................................................................................................9
    Case 2 .............................................................................................................................................................9
Related Content ................................................................................................................................................10
Disclaimer and Liability Notice ..........................................................................................................................11
Introduction

Abbreviations Used

- TC → Transaction Code
- RR → Result Recording
- UD → Usage Decision

Requirement

When the RR (TC: QE01) is not carried out or incomplete, the system should prevent the UD activity (TC: QA11).

Procedure

User Profile, “QM_UDZ10” is created with two statuses namely (1) INIT and (2) QFIN. Please note that these User Profile Statuses appear in Record Usage Decision Screen (TC: QA11).

At least one MIC, having the control parameter as “Required Characteristic”, must be used. In case the Inspection Plan does not have such MIC, Create a Dummy MIC with “Required Characteristic” and assign as a first MIC in the Inspection Plan.

Case1: First Status - INIT

In Result Recording Screen (TC: QE01), MIC may have the status 1 or 2 or 3 (1-Must be processed, 2-Processed and 3-Valuated).

Use TC: QA11.

In Case1, User Profile status “INIT”, appears in “Record Usage Decision” (TC: QA11) screen.

System will not allow to select the Usage Decision Code.

Hence the system prevents the UD activity.

Case2: Second Status – QFIN

In Result Recording Screen (TC: QE01), MIC may have the status 5 (5-Processing is completed).

Use TC: QA11.

In Case2, User Profile status “INIT”, appears in “Record Usage Decision” (TC: QA11) screen.

System will allow to select the Usage Decision Code.

Select the UD Code.

Enter.

User Profile Status “INIT” is automatically changed to User Profile Status “QFIN”.

Save the entry.

UD is successfully carried out.
How to Setup the Profile

Use transaction code BS02

**Step 1**

Create user profile QM_UDZ10 using the TC.: BS02.

<table>
<thead>
<tr>
<th>QM_UDZ10</th>
<th>BLOCK UD IF RR IS NOT DONE</th>
</tr>
</thead>
</table>

I have created a user status profile, copying SAP Std. STATUS PROFILE - QM_L_003 and named it as “QM_UDZ10”.

<table>
<thead>
<tr>
<th>QM_L_003</th>
<th>No Stock Posting Before UD</th>
</tr>
</thead>
</table>

System Status Profile - QM_L_003 is used to block the UD.
(No Stock Posting Before UD)
Step 2

Create two user statuses namely (1) INIT and (2) QFIN

<table>
<thead>
<tr>
<th>Status Profile</th>
<th>QM_UD210</th>
<th>BLOCK UD IF RR IS NOT DONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance Language</td>
<td>EN</td>
<td>English</td>
</tr>
</tbody>
</table>

### Change Status Profile: User Status

<table>
<thead>
<tr>
<th>Status Num</th>
<th>Status</th>
<th>Short Text</th>
<th>Long</th>
<th>Init. sta</th>
<th>Low</th>
<th>High</th>
<th>Position</th>
<th>Priority</th>
<th>Auth. code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>INIT</td>
<td>RR NOT DONE</td>
<td></td>
<td></td>
<td>1</td>
<td>10</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>QFIN</td>
<td>RR AND UD DONE</td>
<td></td>
<td></td>
<td>2</td>
<td>20</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

**First Status “INIT”**

- Status Number: 1
- Status: INIT
- Short Text: RR NOT DONE
- Initial Status Check Box: Activated
- Lowest status: 1
- Highest status: 10
- Position: 1
- Priority: 1

**Second Status “QFIN”**

- Status number: 2
- Status: QFIN
- Short text: RR AND UD DONE
- Initial status check box: Do not activate
- Lowest status: 2
- Highest status: 20
- Position: 1
- Priority: 1
Step 3
Define the Transaction Control for each status.

Double click the first status “INIT”, we get the “Change Status Profile: Transaction Control” screen:

**Change Status Profile: Transaction Control**

<table>
<thead>
<tr>
<th>Transaction Control</th>
<th>Influence</th>
<th>Next action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Transaction</td>
<td>No influ</td>
<td>Allowed</td>
</tr>
<tr>
<td>Make usage decision</td>
<td></td>
<td>Warning</td>
</tr>
<tr>
<td>Record inspection results</td>
<td></td>
<td>Forbidd.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No action</td>
</tr>
<tr>
<td>QFIN Status has two business transactions.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Make usage decision with “Forbidd.” and “No action” settings.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Record Inspection results with “Allowed” setting.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Go back and double click the second status “QFIN”.

**Change Status Profile: Transaction Control**

<table>
<thead>
<tr>
<th>Transaction Control</th>
<th>Influence</th>
<th>Next action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Transaction</td>
<td>No influ</td>
<td>Allowed</td>
</tr>
<tr>
<td>Close inspection - complete</td>
<td></td>
<td>Warning</td>
</tr>
<tr>
<td>Complete insp. - short-term</td>
<td></td>
<td>Forbidd.</td>
</tr>
<tr>
<td>Start inv. pstg bef. UsageDec</td>
<td></td>
<td>No action</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Set</td>
</tr>
<tr>
<td>QFIN Status has three business transactions.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Close Inspection – Complete with “Allowed” and “Set” setting.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Complete insp. – short-term with “Allowed” and “Set” setting.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Start inv. posting before Usage Dec, with “Forbidd.” and “No action” setting.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Step 4
Assign the user status profile “QM_UDZ10”, to the Inspection Type Z10 in customization.
Img → Quality Management → Quality Inspection → Inspection Lot Creation → Maintain Inspection Type.

*Change View "Inspection types": Overview*

<table>
<thead>
<tr>
<th>InsType</th>
<th>Short text</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEMICAL</td>
<td>OR Insp. for EB Laboratory Chemicals</td>
</tr>
<tr>
<td>Z1</td>
<td>MANUAL INSPECTION TYPE FOR INVENTORY</td>
</tr>
<tr>
<td>Z10</td>
<td>1000 Goods Receipt Insp. for EB CHEMICALS</td>
</tr>
</tbody>
</table>

Select Z10 and click (Details Ctrl + Shift + F2)

*Change View "Inspection types": Details*

<table>
<thead>
<tr>
<th>Inspection Type</th>
<th>Z10</th>
<th>Goods Receipt Insp. for EB CHEMICALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inspection lot processing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Status profile</td>
<td>QM_UDZ10</td>
<td></td>
</tr>
<tr>
<td>Order type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Print control</td>
<td>Print sample drawing instr. immed.</td>
<td>Print insp. instruction immediately</td>
</tr>
</tbody>
</table>

User Status Profile “QM_UDZ10” is assigned to the Inspection Type Z10.

Step 5
The required materials are assigned with Inspection Type Z10 in the Quality Management View.

Step 6
Identity all the materials for which the Inspection Type Z10 is assigned.
Create Inspection Plant for all those materials (TC:QP01)
Usage is 5 → Goods Receipt.
Status is 4 → Released General.
Step 7

If the task list (Inspection Plan) contains at least one MIC having the required characteristic (control parameter setting),

→ this step 7 is not required → Dummy MIC need not be created.

In Inspection Plan, at least one MIC having the control parameter as “Required Characteristic” must be used.

If required, create Dummy MIC.

Create Dummy Master Inspection Characteristic with Control Parameter Setting as Required Characteristic.

Create and assign dummy MIC.

Create one Qualitative Dummy MIC → INVDUMMY

Assign the Selection Set to the Dummy MIC.

Most important → the control parameter of Dummy Qualitative MIC is given below.

Control Parameter Details.

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Control Title</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Type</td>
<td>Characteristic Attribute</td>
</tr>
<tr>
<td>2</td>
<td>Sample</td>
<td>Sampling Procedure</td>
</tr>
<tr>
<td>3</td>
<td>Results Confirmation</td>
<td>Required Characteristic(This is a must) &amp; Single Result</td>
</tr>
<tr>
<td>4</td>
<td>Inspection Scope</td>
<td>Fixed Scope</td>
</tr>
<tr>
<td>5</td>
<td>Documentation Confirmation</td>
<td>No Documentation</td>
</tr>
<tr>
<td>6</td>
<td>Miscellaneous</td>
<td>-</td>
</tr>
<tr>
<td>7</td>
<td>Print</td>
<td>As per requirements</td>
</tr>
</tbody>
</table>

Step 8

If the task list (Inspection Plan) contains at least one MIC having the required characteristic (control parameter setting)

→ this step 8 is not required → Dummy MIC need not be assigned.

In case, the Inspection Plan does not contain any MIC having the required characteristic (control parameter setting),

Assign the Dummy Characteristic as first MIC to the Inspection Plan.
Execution

Case 1
RR Not Done or Partially Done – User Profile Status – INIT.
In Result Recording Screen (TC: QE01), All MICs may have the status 1 or 2 or 3
(1-Must be processed, 2-Processed and 3-Valuated).
Use TC: QA11.
In Case1. User Profile status “INIT”, appears in “Record Usage Decision” (TC: QA11) screen.
System will not allow to select the Usage Decision Code.
Hence the system prevents the UD activity.

Case 2
RR Done. All MIC statuses in Result Recording Screen (TC: QE01/QE02) are set to
→ 5-Processing is completed - User Profile Status – QFIN.
In Result Recording Screen (TC: QE01), All MICs statuses are set to 5.
→ 5-Processing is completed.
Use TC: QA11.
In Case2. User Profile status “INIT”, appears in “Record Usage Decision” (TC: QA11) screen.
System will allow to select the Usage Decision Code.
Select the UD Code.
Enter.

User Profile Status “INIT” is automatically changed to User Profile Status “QFIN”.
Save the entry.
UD is successfully carried out.
Related Content
For more information, visit the Supply Chain Management homepage.
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