## Typographic Conventions

<table>
<thead>
<tr>
<th>Type Style</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Example</strong></td>
<td>Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Textual cross-references to other documents.</td>
</tr>
<tr>
<td><strong>Example</strong></td>
<td>Emphasized words or expressions.</td>
</tr>
<tr>
<td><strong>EXAMPLE</strong></td>
<td>Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.</td>
</tr>
<tr>
<td><strong>Example</strong></td>
<td>Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.</td>
</tr>
<tr>
<td><strong>Example</strong></td>
<td>Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.</td>
</tr>
<tr>
<td><strong>&lt;Example&gt;</strong></td>
<td>Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.</td>
</tr>
<tr>
<td><strong>EXAMPLE</strong></td>
<td>Keys on the keyboard, for example, F2 or ENTER.</td>
</tr>
</tbody>
</table>
## Document History

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>2015-11-10</td>
<td>First Version</td>
</tr>
</tbody>
</table>
Contents

1 Business Scenario .................................................................................................................. 6
2 Step-by-Step Procedure ........................................................................................................ 7
  2.1 Import and Adjust SAP Standard Content ........................................................................ 7
  2.1.1 Check Alert Category ................................................................................................. 8
  2.1.2 Maintain Texts ........................................................................................................... 9
  2.2 Create Rule for the Recipient Determination (Development) ........................................... 10
  2.3 Assign Rule to Alert Category (Customizing) .................................................................. 13
  2.4 Configure Rules (Customizing) ....................................................................................... 15
  2.4.1 Example Configuration ............................................................................................. 17
  2.5 Assign Recipients (Customizing or Production) ............................................................. 19
3 Send Your First Mail - Create Alert .................................................................................... 21
  3.1 Schedule the Background Job ......................................................................................... 21
  3.2 Check your Alert ............................................................................................................ 22
  3.3 Immediate Creation of Alert ........................................................................................... 23
4 Enhancement Options ........................................................................................................... 24
  4.1 Modify Alert Category ..................................................................................................... 24
  4.2 Using a Customer Defined Alert ..................................................................................... 24
  4.3 Other BAdIs for Queue Alerting ..................................................................................... 25
5 Basic Settings for Alert and Workflow ............................................................................... 26
  5.1 Enable User Assignment in Production System ............................................................... 26
  5.2 Define Settings for Alert Server ..................................................................................... 26
  5.3 Management of Outdated Data ....................................................................................... 26
6 Appendix ............................................................................................................................... 27
  6.1 Useful Links .................................................................................................................... 27
  6.2 Notes for Message Queue Monitoring and Alerting ....................................................... 27
### 1 Business Scenario

You are using SAP Extended Warehouse Management (SAP EWM). As a decentralized warehouse management solution, SAP EWM communicates with SAP ERP using qRFC messages. To check your system health, you need to monitor the qRFC messages in SAP ERP and in SAP EWM. You want to reduce the effort for the monitoring of the qRFC.

SAP EWM provides the option for Message Queue Monitoring. You can find the documentation at help.sap.com/ewm → Application Help → Monitoring → Warehouse Management Monitor → Message Queue Monitor. In the Message Queue Monitor you can monitor SAP EWM related queues in the SAP EWM and in the SAP ERP system.

When the system is running well and the number of failed queues is low, you still need to monitor the queues frequently to fix issues in a timely manner. This is necessary to ensure that the warehouse can fulfil all requests. You can reduce this effort by using an alert, which is available for SAP EWM 9.1 and higher with note 2226372. With alerting, the user who is responsible for solving the issue gets an e-mail or an SMS to inform them about the failed queue. They do not have to monitor the queues actively.
2 Step-by-Step Procedure

2.1 Import and Adjust SAP Standard Content

With the installation of your SAP EWM system or support package, the alert category EWM_ALERT_MQ_DEFAULT is available in your system. Depending on the settings in the Transport Organizer (see chapter 4.1), there are the following options:

- The system has imported the full SAP standard definition of the alert EWM_ALERT_MQ_DEFAULT into all your clients.
- The system has imported only the SAP-owned part of alert category EWM_ALERT_MQ_DEFAULT into your clients.
- You have created the alert as a manual step during the implementation of SAP note 2226372. This note contains the report /SCWM/R_NOTE_2226372_ALERT to create the alert category EWM_ALERT_MQ_DEFAULT.

Maintain the settings in your development system in the customizing client, and transport them to the production system.

Use transaction Editing Alert Categories (ALRTCATDEF) in your customizing development client to check and adapt the alert category.

Note

Some of the settings described in this document are customizing, some are development and others can be done in the production client. Check that you make all the settings in the correct system and client to ensure that you get a consistent solution in your production environment.
### 2.1.1 Check Alert Category

1. Start transaction **Editing Alert Categories (ALRTCATDEF)**
2. In the upper left screen, navigate to **Alerts for Extended Warehouse Management → Alerts for EWM Queue Monitoring**. Double-click on alert **EWM_ALERT_MQ_DEFAULT** in the upper right window.

<table>
<thead>
<tr>
<th>Alert Categories Display (Central Alert Server)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Alert Definition</strong></td>
</tr>
<tr>
<td>Description</td>
</tr>
<tr>
<td>Alias</td>
</tr>
<tr>
<td>Classification</td>
</tr>
<tr>
<td>Priority</td>
</tr>
<tr>
<td>Max. No. of Debt</td>
</tr>
<tr>
<td>Expiry Time in Min.</td>
</tr>
<tr>
<td>Role-Based Recipient</td>
</tr>
<tr>
<td>Escalation</td>
</tr>
<tr>
<td>Administrative Data</td>
</tr>
<tr>
<td>Application Pac</td>
</tr>
<tr>
<td>Original Language</td>
</tr>
</tbody>
</table>

3. Check the properties of the alert on tab **Properties**
2.1.2 Maintain Texts

SAP provides texts for message title, short and long text. As described in chapter 4.1, the system does not automatically transport those texts into all clients. If you want to use those texts, transport the following texts to your client:

- **Long text**: EWM_ALERT_MQ_DEFAULTL (Text ID ALRT)
- **Short text**: EWM_ALERT_MQ_DEFAULTS (Text ID ALRT)
- **Title**: EWM_ALERT_MQ_DEFAULTT (Text ID ALRT)

The texts are stored in the system as SAPscript standard texts. You can also use transaction Standard Text (SO10) to check them or to copy them from another client.

You can also enter your own texts in the respective fields:
2.2 Create Rule for the Recipient Determination (Development)

The next step is to maintain the rules for which recipient should get which alert. Do these steps in your development system and client.

1. Start transaction **Maintain Rule (PFAC)**.
2. Enter the rule name, e.g. `<Z_MY_RULE>`. Press button **Create (F7)**.
3. Enter the basic data and the category for the rule definition.

   ![Rule: Create](image)

   **Example**
   - **Abbr.**: `<Z_MY_RULE>`
   - **Name**: `<My EWM Rule for qRFC Messages>`
   - **Category**: `<Agent Determination: Responsibilities>`

4. Enter the parameters on the tab **Container**. Press button **Create Element**.
In the pop-up, enter the data for the first element on tab *D. Type*

**Element:**  WHNO  
**Name:**  Warehouse Number  
**Short Descript.:**  Warehouse Number  
Set the radio button selection to *ABAP Dict. Reference*  
**Structure:**  /SCWM/S_MQ_MSG_DUMMY  
**Field:**  LGNUM  
Navigate to tab *Initial Value*. Enter the value #### for the field Warehouse Number.
Press button_confirm (Enter) to confirm your input.

5. Repeat step 4 to create the following elements:

1. **Element:** MSGID  
   **Name:** Message Class  
   **Short Descrip.:** Message Class of Most Important Message  
   Set the radio button selection to ABAP Dict. Reference  
   **Structure:** /SCWM/S_MQ_MSG_DUMMY  
   **Field:** MSGID  
   **Initial Value:** ########################

2. **Element:** MSGNO  
   **Name:** Message Number  
   **Short Descrip.:** Message Number of Most Important Message  
   Set the radio button selection to ABAP Dict. Reference  
   **Structure:** /SCWM/S_MQ_MSG_DUMMY  
   **Field:** MSGNO  
   **Initial Value:** ###

3. **Element:** MQDEFINITION  
   **Name:** Queue Monitor Def.  
   **Short Descrip.:** Queue Monitoring Definition  
   Set the radio button selection to ABAP Dict. Reference  
   **Structure:** /SCWM/TMQDEF  
   **Field:** MQDEFINITION  
   **Initial Value:** ########################

4. **Element:** DESTSYS  
   **Name:** Logical System
Short Descript.: Logical System Destination System
Set the radio button selection to ABAP Dict. Data Type
Type Name: /SCWM/DE_MQ_LOGSYS_QSOURCE
Initial Value: ##########

5. Element: T100KEY
Name: Message Key
Short Descript.: Key of Error Message
Set the radio button selection to ABAP Dict. Reference
Structure: /SCWM/SCWM/DE_MQ_LOGSYS_QSOURCE
Field: T100KEY
Initial Value: ##########

6. Press button Save (Ctrl+S) to save your rule

When you save the rule, you get a pop-up asking you to assign the rule to a package. Choose a package that you use to transport your custom development from the development to the production system.

Note

The element T100KEY is a combination of the message class and the message number. This allows you to assign a recipient for a specific error message or a list of error messages from different message classes. The element is combined from &Message Number&_<Message Class>. The number is displayed first to improve the readability by having a column-like list when there is a mix of long and short technical names for the message class.

Examples:

022_M7 - '& exceeded by & & & (M7022)
053_/SCWM/ERPINTEGRATION - 'No business partner found for ERP partner &3 (role:&4)'

2.3 Assign Rule to Alert Category (Customizing)

The next step is to assign your rule to the alert category EWM_ALERT_MQ_DEFAULT in your customizing system and client.
1. Start transaction **Editing Alert Categories** (ALRTCATDEF)
   Navigate to alert category **EWM_ALERT_MQ_DEFAULT**, as described in chapter 2.1.1.
   Switch to change mode
2. Use the search help for field **Rule** to enter your rule
   Press **Enter** to confirm your input
3. Press button **Process Data Flow**
4. On the pop-up, press button **Generate automatic binding**

The system creates a proposal based on the names and types of the alert container and the rule elements.
5. Check and confirm the system proposal.

If the system creates a deviating proposal, check the elements in your rule.

6. Save the alert category.

### 2.4 Configure Rules (Customizing)

In the next step, adapt the rule to contain your own attributes for your rule. For example, create rules for a warehouse, a business process, a specific error message, or a combination of them.

1. Start transaction Customizing Responsibilities (OOCU_RESP) in the customizing client.
2. Enter your rule using the search help, for example <Z_MY_RULE>. Press button Enter.
3. Press button Create Responsibility

4. Define your responsibilities.
   The example shows you how to create a rule for messages related to the outbound delivery process in warehouse 0001.
On the pop-up, enter the name and abbreviation for your rule.

Example

Object abbr. `<OUT0001>`
Name: `<Outbound Process Warehouse 0001>`
Start date `<current date>`
End Date `<31.12.9999>`
Enter * as wildcard in all other fields as shown below.
Confirm your input.

On the next screen, enter the criteria for the rules.

Example

Priority `<80>`
Queue Monitor Def. `</SCWM/DO*>`, `</SCWM/WAVE01>`
Warehouse Number `<0001>`

Recommendation

For generic groups like this example, choose a medium number for the priority. Reserve the highest priorities (number 99) for very specific rules where all fields are defined.

5. Maintain additional responsibilities until you have covered all required rules.
### Recommendation

Maintain one responsibility that covers all entries with a low priority. Assign your IT department as recipient for this rule. Use the lowest priority (e.g. 01) for this responsibility.

### 2.4.1 Example Configuration

The following table shows an example configuration for the responsibilities in message queue alerting. You can use the proposals and adapt them to the business processes in your warehouse, and the responsibilities in your company.

The first line shows an example for users who are responsible in SAP ERP for handling the period closing in SAP ERP (General Ledger and Materials Management). This user receives the alert for specific error messages from SAP ERP, for example, 'Posting only possible in periods &1 and &2 in company code &3' (M7 053). You can assign all users who are responsible for handling such issues to responsibility `<MMPV0001>`.

Responsibility `<FIN_0001>` shows a rule that is slightly more generic compared to responsibility `<MMPV0001>`.

Users who are assigned to this rule are responsible for checking all failed queues where the root cause is an error message from accounting or controlling in SAP ERP.

#### Note

Organizational entities from SAP ERP, such as the plant or the company code, are not available in SAP EWM. If a user in SAP ERP is responsible for all FI-related error messages in a company code, enter all warehouses in the definition of the responsibility.

<table>
<thead>
<tr>
<th>Responsibility</th>
<th>Description</th>
<th>Priority</th>
<th>Warehouse Number</th>
<th>Queue Monitor Def.</th>
<th>Message Key</th>
<th>Message Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMPV0001</td>
<td>Person responsible for issues with posting date in SAP ERP for</td>
<td><code>&lt;95&gt;</code></td>
<td><code>&lt;0001&gt;</code></td>
<td>*</td>
<td>806_KI 286_F5 201_F5</td>
<td>*</td>
</tr>
<tr>
<td>Responsibility</td>
<td>Description</td>
<td>Priority</td>
<td>Warehouse Number</td>
<td>Queue Monitor Def.</td>
<td>Message Key</td>
<td>Message Class</td>
</tr>
<tr>
<td>----------------</td>
<td>-------------</td>
<td>----------</td>
<td>------------------</td>
<td>-------------------</td>
<td>-------------</td>
<td>--------------</td>
</tr>
<tr>
<td>FIN_0001</td>
<td>Person responsible for accounting and controlling relevant issues in company code for warehouse 0001</td>
<td>&lt;90&gt;</td>
<td>&lt;0001&gt;</td>
<td>*</td>
<td>*</td>
<td>&lt;F*&gt;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>&lt;K*&gt;</td>
</tr>
<tr>
<td>OUT_0001</td>
<td>Person responsible for monitoring the outbound process in warehouse 0001</td>
<td>&lt;50&gt;</td>
<td>&lt;0001&gt;</td>
<td>/SCWM/DO*</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>/SCWM/WAVE01</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>/SCWM/SR*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INB_0001</td>
<td>Person responsible for monitoring the inbound process, including QM, in warehouse 0001</td>
<td>&lt;50&gt;</td>
<td>&lt;0001&gt;</td>
<td>/SCWM/DI*</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>/SCWM/D003</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>/SCWM/D013</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>/SCWM/D014</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>/SCWM/D015</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>/SCWM/QI*</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>/SCWM/E001</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>/SCWM/E0021</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MFG_0001</td>
<td>Person responsible for monitoring production-related messages in warehouse 0001</td>
<td>&lt;50&gt;</td>
<td>&lt;0001&gt;</td>
<td>/SCWM/PD*2</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>INT_0001</td>
<td>Person responsible for monitoring internal processes, including physical inventory in warehouse 0001</td>
<td>&lt;50&gt;</td>
<td>&lt;0001&gt;</td>
<td>/SCWM/WT*</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>/SCWM/HU*</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>/SCWM/PI*</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>/SCWM/D012</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>/SCWM/DP*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MFS_0001</td>
<td>Person responsible for monitoring the material flow system</td>
<td>&lt;50&gt;</td>
<td>&lt;0001&gt;</td>
<td>/SCWM/MFS*</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>MASTER_DATA</td>
<td>Person responsible for the distribution of master data</td>
<td>&lt;50&gt;</td>
<td>*</td>
<td>/SCWM/MD*</td>
<td>*</td>
<td></td>
</tr>
</tbody>
</table>

1 Assumption: Most goods movement messages to SAP ERP are based on the goods receipt for purchase orders.
2 Assumption: Advanced production as of SAP EWM 9.2 is used. If you use the delivery-based production supply (SAP EWM 7.0) and the GR for production using inbound deliveries (SAP EWM 5.1), use the respective message queue definitions from the inbound, outbound and posting change process.
Responsibility | Description | Priority | Warehouse Number | Queue Monitor Def. | Message Key | Message Class
--- | --- | --- | --- | --- | --- | ---
NO_DET_RULE | Fallback: Rule for IT department to get a recipient for failed queue without recipient in business | <01> |  | as wildcard for all elements |

When you have configured the rules as described in the example, you will get a list as displayed below in transaction Customizing Responsibilities (OOCU_RESP).

### 2.5 Assign Recipients (Customizing or Production)

Now you have to assign the recipients to the rules. Depending on the settings from chapter 5.1, you can do this in your production system or you have to do it in your customizing client.

1. Start transaction Customizing Responsibilities (OOCU_RESP). Enter your rule using the search help, for example <Z_MY_RULE>. Press button Enter.
2. Click on a rule, for example <IT Department (Fallback) (NO_DET_RULE)> , to select it
3. Press button Insert agent assignment
4. On the pop-up Selection, choose the Object Type you want to assign, for example <User>.
5. On the next pop-up Choose User, select a user, for example <MY_IT_USER>
6. On the next pop-up *Create Relationship*, maintain the time period

   ![Create Relationship](image)

7. Repeat the steps 2 to 6 until all responsibilities are sufficiently covered.

   **Recommendation**
   
   Test your rules using button *Simulate rule resolution (Shift + F2).*
   
   Enter a date and the parameters on the pop-up
   
   Then press button *Execute Test (F8)***

   ![Simulation of Rule Resolution Standard Rule](image)

   Check the results.
3 Send Your First Mail - Create Alert

3.1 Schedule the Background Job

You can use report `/SCWM/R_QRFC_QUEUE_ALERT` to check for failed qRFC messages regularly and send alerts when there is a failed queue. Schedule the report as a regular job for each warehouse.

![Schedule Alerting for Message Queues](image)

The report has similar parameters as the selection for node "Tools → Message Queue" in the Warehouse Management Monitor (`/SCWM/MON`).

**Recommendation**

You should avoid the creation of alerts for situations that are likely to resolve themselves within a reasonable period. You can set the length of this period in field `Skip Created in Last Minutes`. Your users will not get notifications for queues where they do not need to solve any issue then.

If you have different requirements for different messages, you can create variants and schedule jobs for specific message queue groups. For example, schedule the job for the Material Flow System more often and with a lower threshold for new queues than a job for messages that post large goods movement documents in SAP ERP.

**Recommendation**

Use the `Aggregation Mode` to reduce the number of alerts the system sends to your users. If you decide not to use the aggregation mode, the system creates an alert for each queue that failed, even when the root cause is identical. Read the F1 help for the field for further details.


**Recommendation**

Set the flag *Queues without Warehouse Assignment* for at least one of the jobs you schedule for your warehouses. Read the F1 help for the field for further details.

**Caution**

If you have many failed queues in your system, there is a risk that the number of alerts is too high, too much of the system resources are used for alerting and the users get too many emails to be able to resolve the existing issues. Always set the field *Maximum Number of Alerts* to a reasonable value to avoid such situations. If there was an unusually high number of failed queues in your system, you should do the monitoring using the *Warehouse Management Monitor* (/SCWM/MON) instead of alerting. Read the F1 help for the field for further details.

### 3.2 Check your Alert

You have the following options to see your alert:

Use transaction ALRTINBOX to start the Alert Inbox:

![Alert Inbox](image)

Check delivered e-mail:

![Alert e-mail](image)

The error ERP delivery type cannot be determined has occurred in queue DLW587VCLNT001:1000000457.

Data for the queue:

- Warehouse number: 87V1
- Business object: Outbound Delivery
- Key: 1000000457

My Example URL: [https://help.sap.com/owm](https://help.sap.com/owm)
3.3 Immediate Creation of Alert

You can raise an alert for a selected queue in the Warehouse Management Monitor (/SCWM/MON). Select failed queues in node *Tools → Message Queue*.

In the *Alerted* column, you can see whether an alert has been raised for a queue.

To raise an alert immediately, you can select one or more queues and press button *More Methods → Raise Alert*. 
4 Enhancement Options

4.1 Modify Alert Category

You can adapt the SAP defined alert in your system.

If you want to adjust the texts, follow the instruction from chapter 2.1.2. Your users will get your own e-mail or SMS message texts.

You can add additional information like working instructions in the alert as a URL:

![URL of Subsequent Activity](image)

You can use this option to store detailed working instructions in your internal portal. Enter the link to the portal page on tab Optional Subseq. Activities.

⚠️ Caution

Depending on the settings for the transport of client-specific tables in your system, the system might overwrite some settings of the alert during an upgrade. If you adapt the alert category EWM_ALERT_MQ_DEFAULT, check whether your changes are still available after any upgrades.

4.2 Using a Customer Defined Alert

You can define your own alert category. To use your own alert category, you need to do the following:

1. Open Customizing activity Extended Warehouse Management → Monitoring → Message Queue Monitoring → Define Message Queue Definitions
2. Create a redefinition for a queue monitoring definition:

<table>
<thead>
<tr>
<th>New Entries: Details of Added Entries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Queue Mon. Def.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Queue Monitoring Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td>Business Object</td>
</tr>
<tr>
<td>Relationship Type</td>
</tr>
<tr>
<td>Orig. Mon. Def.</td>
</tr>
<tr>
<td>qRFC Name</td>
</tr>
<tr>
<td>Class MQ Def.</td>
</tr>
<tr>
<td>EN Reply</td>
</tr>
<tr>
<td>Role of Message</td>
</tr>
<tr>
<td>Queue Type</td>
</tr>
<tr>
<td>Alert Category</td>
</tr>
<tr>
<td>Report for appl. log</td>
</tr>
<tr>
<td>Report for Container</td>
</tr>
<tr>
<td>Struct. of Spec. Def.</td>
</tr>
<tr>
<td>Class Spec.</td>
</tr>
</tbody>
</table>

Example

Queue Monitoring Definition: <Z_MY_DI01>

Relationship Type: Redefinition of Queue Definition

Orig. Queue Mon. Def.: /SCWM/DI01

Alert Category: <Z_MY_ALERT_CAT>

3. If you want to use other elements than those of the SAP defined alert category EWM_ALERT_MQ_DEFAULT, you can implement BAdl /SCWM/ES_MQ_ALERT_CONTAINER to fill those elements when the alert is created.

4.3 Other BAdIs for Queue Alerting

The monitoring of SAP EWM related qRFC messages takes place in the SAP EWM system for queues in SAP EWM and SAP ERP. For messages in SAP ERP, the person in charge could be an SAP ERP user who does not have a user in SAP EWM. If you do not want to create additional users in SAP EWM for the alert recipients, you can implement BAdl /SCWM/ES_MQ_ALERT_RECIPIENT. With this BAdl, it is possible to set an email address (single user or distribution list) as alert recipient. You can find more details in the BAdl documentation in your SAP EWM system.

You can find additional BAdIs for Message Queue Monitoring and Alerting in Enhancement Spot /SCWM/ES_MQ.
5 Basic Settings for Alert and Workflow

5.1 Enable User Assignment in Production System

If you want to assign the users to specific queues or error messages in the production system, follow the steps in this section. If you want to maintain the assignments in the customizing and transport them to the production system, you can skip this step.

1. Start transaction SM30. Enter V_T77S0 in field Table/View. Press button Maintain.
2. Navigate to the required entry using button Position…
   - Group name: TRSP
   - Semantic abbr.: CORR

   Hint: The description for this line is Transport Switch (X = No Transport)

3. Change the field Value abbr to X.
4. Save your changes

Caution

When you use alerts or workflows for any other purpose in your system, align this setting with all affected areas.

For further information read note 694672 - WF: Behavior of OOCU in locked clients.

5.2 Define Settings for Alert Server

In the Customizing structure, navigate to SAP NetWeaver → Application Server → Basis Services → Generic Business Tools → Alert Management. Maintain your settings in the Customizing activities Define Connection to Central Alert Server and Central Alert Server Configuration.

5.3 Management of Outdated Data

Schedule report RSALERTPROC to delete the alerts that you do not need any more.
6 Appendix

6.1 Useful Links

Alert Management Documentation @ help.sap.com
Alert Management with SAP NetWeaver Application Server (SCN)
Note 694672 - WF: Behavior of OOCU in locked clients

6.2 Notes for Message Queue Monitoring and Alerting

Implement the following notes in your SAP EWM system to use the functions described in this document:
Note 2226334 - EWM - qRFC Monitor for Logistics Staff and Business Purposes
Note 2226372 - EWM - Alerting for Failed Queues