

Configuring the Tasking Target and Target for Callback Fields in the SAP R/3 Spool System

This technical note provides information about configuring the **Tasking target** and **Target for callback** fields while creating logical output management systems (LOMS). Configuring these fields facilitates receiving job delivery notifications from HP Output Server at the correct SAP R/3 spool destination.

SAP BC-XOM is a generic interface to the R/3 spool system for external output management system (OMS), such as HP Output Server. The output management system facilitates communication between BC-XOM and HP Output Server.

HP Output Server is composed of two parts:

- The sending part, which resides on the R/3 host, is a set of scripts that enables R/3 users to deliver, monitor, and control jobs sent to devices that HP Output Server manages.
- The receiving part, which resides on the HP Output Server host, is `dzl_callbackd`, the OMS callback. It receives R/3 job and device notices from HP Output Server and routes these notices to R/3. The `dzl_monitor` program restarts the OMS callback if it fails.

The LOMSeS identify the callback target and the tasking target. One or more LOMSeS need to be defined. A tasking target is the R/3 spool server that delivers jobs. A callback target is the R/3 instance that receives callback messages. Both tasking target and callback target need not reside on the same R/3 host.

When a job is sent through the R/3 spool system to HP Output Server for execution, HP Output Server sends across the notifications on events, such as receipt of job and job completion. This notification reaches the R/3 spool system through the BC-XOM generic interface present in the OMS. At this point, the OMS checks for the SAP system ID of the particular callback target, which is set during creation of LOMS. The notification reaches the particular destination specified in the callback target field.

Problem

During setup if the database **Copy** option is used to populate the LOMS and the real OMS (ROMS) in the R/3 spool system, and if the unmodified **Tasking target** field and/or **Target for callback** field are retained, then OMS tries to connect to a different R/3 spool system. Due to this, the notification gets delivered to some other R/3 spool system instead of the correct spool system.

Solution

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Ensure that the LOMS **Tasking target** and **Target for callback** fields are configured properly to reflect the correct system ID on the SAP R/3 spool system.

To configure the correct system ID for the callback target fields, perform the steps given below:

1. In the Spool Administrator screen at the time of creating LOMS, the **Logical Output Management System** screen appears.
2. Click the **SAP configuration** tab.
3. In the **Tasking target** field, set the R/3 spool server that delivers the jobs.
4. In the **Target for callback** field, set the R/3 instance that receives the messages from the OMS callback.
5. Continue with the required steps for creating the LOMS.

For more information on creating LOMS, please refer to HP Output Server for R/3 6.1-*Using HP Output Server for R/3*, under the section “The HP Output Management System.”

Conclusion

By configuring the correct system ID for the **Tasking target** and the **Target for callback** fields, the system ID matches the original configuration. The LOMS and ROMS are created successfully and the notification messages reach the correct spool system.