



## Header Data

<b>Released On</b>	10.01.2008 15:01:13
<b>Release Status</b>	Released for Customer
<b>Component</b>	BW-WHM-DBA-ODS DataStore-Object/ODS-Object
<b>Other Components</b>	BW-WHM-DST-PC Process Chains
<b>Priority</b>	Recommendations / Additional Info
<b>Category</b>	Consulting

## Symptom

Process chains terminate.

The following parallel activities in the DataStore object terminate:  
Activation of requests; master data ID (SID) creation; request rollbacks.

The following error messages are displayed in the monitor:

Activation of M records from DataStore object terminated.

Resource error. No batch process available. Process terminated Process &1 could not be terminated.

Terminate manually. "Background process &1 terminated due to missing confirmation" (RSODSO\_PROCESSING 041) Time limit exceeded. No return of the split processes.

## Other Terms

RSODSO\_SETTINGS, RSODSO\_PROCESSING 017, RSODSO\_PROCESSING 019, RSODSO\_PROCESSING 023, RSODSO\_PROCESSING 041, batch jobs, background processes

## Reason and Prerequisites

This is not an actual error, rather, there is incorrect parameterization for the processes to activate requests in the DataStore object, create master data ID or perform a rollback.

The error messages listed above indicate that some background processes were running at the time of the termination. Several load or activation processes may have simultaneously been executed in parallel with a process chain.

## Solution

The problem often occurs if the settings in transaction RSODSO\_SETTINGS for the affected DataStore objects are not optimal or if these settings have not been maintained. In transaction RSODSO\_SETTINGS, you can maintain the runtime parameter Cross-DataStore or DataStore-specific.

In NW04s, several processes were converted to background processing. For process chains, this means that one process (the main process) already occupies a background process. Depending on the settings you have selected (cross-system or for each DataStore object), parallel background processes may be occupied for the master data ID creation and for the activation of requests. If a process chain is used to process several DataStore objects, all background processes may be temporarily occupied due to these settings.

Ensure that the "Maximum Wait Time for Process" in transaction RSODSO\_SETTINGS is set sufficiently high. By default, it is set to 600. However, if there is a high system workload, it may be necessary to increase this value.

If you have selected dialog processes for processing, we recommend that you set the value three times higher than the value selected in rdisp/max\_wprun\_time.

Notes 25528 and 192658 provide more information about this.

Which value was selected for rdisp/max\_wprun\_time? The value should generally be higher in the BW system than in the R/3 system. Therefore, the wait time in RSODSO\_SETTINGS must also be proportionately high.

The symptom description from Note 192658:

### 6. Maximum runtime for a work process

You should select a higher runtime than is usually selected in R/3:

rdisp/max\_wprun\_time 3600

In this context, use transaction RZ04 (maintenance of operation mode) to check how many background processes are available in the load period.

## Validity

Software Component	From Rel.	To Rel.	And Subsequent
SAP_BW	700	700	<input type="checkbox"/>
	710	710	<input type="checkbox"/>

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## References

### This document refers to:

#### SAP Notes

- 1392715 [DSO req. activation:collective perf. problem note](#)
- 1067225 [BI 7.0 \(SP15\) DataStore default settings are not applied](#)
- 1042827 [BI 7.0 \(SP14\): DataStore object - Batch Manager](#)
- 994689 [Incorrect reading of runtime parameter for DataStores objs](#)
- 192658 [Setting parameters for BW systems](#)
- 25528 [Parameter rdisp/max\\_wprun\\_time](#)

### This document is referenced by:

#### SAP Notes (6)

- 192658 [Setting parameters for BW systems](#)
- 25528 [Parameter rdisp/max\\_wprun\\_time](#)
- 1042827 [BI 7.0 \(SP14\): DataStore object - Batch Manager](#)
- 1067225 [BI 7.0 \(SP15\) DataStore default settings are not applied](#)
- 994689 [Incorrect reading of runtime parameter for DataStores objs](#)
- 1392715 [DSO req. activation:collective perf. problem note](#)