SAP® MaxDB™ Expert Session

SAP® MaxDB™: Introduction into DBM Server

News 2015

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SAP® MaxDB™ Expert Session

Introduction into SAP ® MaxDB™ DBM Server

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News - General Remarks

- Some functionality might have been changed or expanded over the years.
- Recommendations might have changed.

➔ For each expert session an update with the most important changes is published.

- Check the additional remarks after having heard or read the expert session.
- Feedback to the responsible author is welcome if you recognize outdated information within the session.

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Agenda

1. New options for background dbmserver

2. Size of logfile / History for dbmserver parameters

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Background dbmserver (I)

7.9.08.14:

- New options -forceownership and -wait for background_server_start

- to take over background server ownership or wait, until an existing background server has finished its work

- Note **2282054** provides a description on how to use the background dbmserver

DBM server: The new options –forceownerships and –wait have been introduced for the command background_server_start. It is possible to take over the ownership for the background server or wait until an existing background server has finished its work (PTS 1251047).

Caution: Slide in more than one presentation

Background dbmserver in 7.9.09 (II)

- Changes in background dbmserver handling in 7.9.09

- Behaviour of background_server_takeover

  - different reaction to state „idle"
  - in future the command can be omitted (when using the new –takeover option)

  background_server_get_reply <background_server_name> -wait -takeover

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Background dbmserver in 7.9.09 (III)

- Changes in background dbmserver handling in 7.9.09

- Behaviour of background_server_execute

    - new option -wait
    - waits for the result of the command
    - simplifies handling with dbmcli command prompt
    - command can be executed with a single OS call in command line interface
    - sequences of DBM commands can be executed from OS command line

- New Option for background_server_reset

    - allows to discard a command result if you are not the owner

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Background dbmserver in 7.9.09 (IV)

Example:

```
dbmcli -d DB79 -u dbm,dbm background_server_start MyServerName
OK

dbmcli –d DB79 -u dbm,dbm  background_server_execute MyServerName -wait param_startsession
OK

dbmcli -d DB79 -u dbm,dbm  background_server_execute MyServerName -wait param_directput MaxCPUs 3
OK

dbmcli -d DB79 -u dbm,dbm  background_server_execute MyServerName -wait param_checkall
OK

dbmcli -d DB79 -u dbm,dbm  background_server_execute MyServerName -wait param_commitsession
OK

dbmcli -d DB79 -u dbm,dbm  background_server_execute MyServerName -wait db_online
OK

dbmcli -d DB79 -u dbm,dbm  background_server_execute MyServerName -wait db_state
OK
State
ONLINE
```
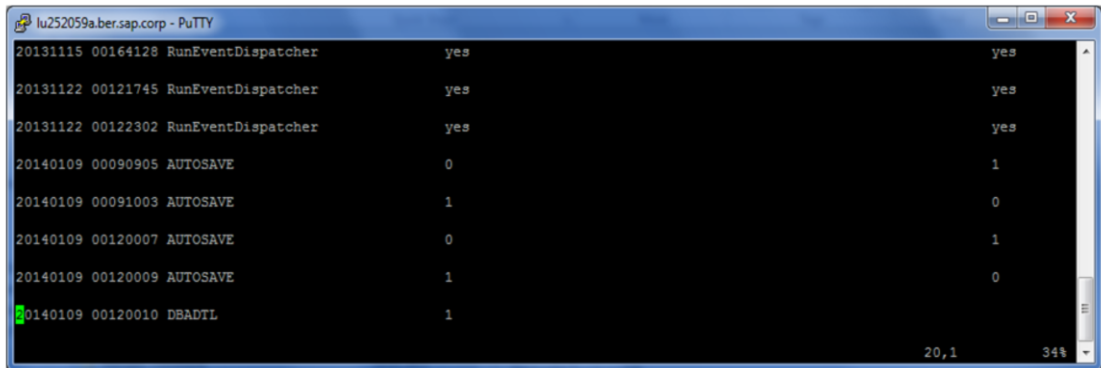
Caution: Slide in more than one presentation

Size of logfile / History for dbmserver parameters

7.9.08.06

- dbm_protfilesize:
  adapt the filesize of the logfile

- dbmcfg.his :
  all changes in the parameter file of dbm server are written to the history file
  dbmcfg.his

```
lu252059a.ber.sap.corp - PuTTY

20131115 00164128 RunEventDispatcher          yes                                    yes
20131122 00121745 RunEventDispatcher          yes                                    yes
20131122 00122302 RunEventDispatcher          yes                                    yes
20140109 00090905 AUTOSAVE                     0                                      1
20140109 00091003 AUTOSAVE                     1                                      0
20140109 00120007 AUTOSAVE                     0                                      1
20140109 00120009 AUTOSAVE                     1                                      0
20140109 00120010 DBADTL                       1
                                                                          20,1          34%
```

- DBM-Server: To adapt the filesize of the logfile the DBM command dbm_protfilesize was introduced (PTS 1240632).
- DBM-Server: All changes in the parameter file of the dbm server are written to a file dbmcfg.his. (PTS 1240645).

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Thank you

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