

SAP® MaxDB™ Expert Session

SAP® MaxDB™ Database Analyzer
News 2015

Public

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SAP® MaxDB™ Expert Session

SAP® MaxDB™ Database Analyzer

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2015



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 - Feedback to the responsible author is welcome if you recognize outdated information within the session.



Agenda

1. Statistic Files Version 7.9

2. Parameter Check: Usermodified



1. Statistic Files Version 7.9: New Files

New Files	Description
DBAN_COMMIT_STAT.csv	Statistics about COMMIT and ROLLBACK statements (number, time, I/O wait time)
DBAN_COMMUNICATION.csv	Client communication statistics
DBAN_JOIN_STAT.csv	Statistics about JOIN statements (number, access kind, optimize kind)
DBAN_SAVEPOINTS.csv	Statistics about savepoints
DBAN_TASK_SUSPENDS.prt	Information about all task suspends reasons
DBAN_SHOW_ACTIVE_TASKS.prt	Information about tasks that were active when starting Database Analyzer analysis

1. Statistic Files Version 7.9: Renamed and Deleted Files

Old Name	New Name
DBAN_USER_TASK_ACT_DETAIL.csv	DBAN_USER_TASK_STATES.csv
DBAN_TASK_ACTIVITIES.csv	DBAN_TASK_DISPATCHES.csv
DBAN_USER_TASKS_CMDS_EXECUTED.prt	DBAN_USER_TASK_ACTIVITES.prt

Deleted Files	Reason
DBAN_SHOW_ACTIVE.prt	Information will be logged in standard file DBAN.prt in case of standard interval $\leq 180s$
DBAN_SYNC_OVERVIEW.csv	It holds redundant information which has not be used often in the past.



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1. Statistic Files Version 7.9

2. Parameter Check: Usermodified



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Parameter check with Database Analyzer logs usermodified parameters:

```
* I Following parameters have user modified flag:
* I -----
* I LogQueueSize=200
* I HashJoinTotalMemorySize=24000
* I MaxTempFilesPerIndexCreation=2048
* I JoinSearchTableThreshold4=64
...
```

(except MaxUserTasks, MaxCPUs, CacheMemorySize, MaxSQLLocks, AutoLogBackupSize, RunDirectoryPath, TenantAreaPath)



Thank you

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