

Checkpoint (CKPT)

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19-03-2008

Dernière mise à jour : 15-04-2008

- is responsible for :
 - signaling DBWn at checkpoints
 - updating datafile headers with checkpoint information
 - updating control files with checkpoint information
- in order to :
 - ensure that data blocks in memory are written to disk regularly
 - reduce the time required for instance recovery (only the part of the online redo logs after the checkpoint)
 - ensure that committed data has been written to the data files during shutdown
- A checkpoint occurs every 3 seconds. It is the process of storing data in the control file to identify the place in the online redo log files where recovery is to begin.