

## Instance

**v\$instance:** displays the state of the current instance. (instance\_number, instance\_name, host\_name, version, status, startup\_time, ....)

## SGA

**v\$sga:** displays summary information about the system global area (name, value)

**v\$sgastat:** displays detailed information on the system global area (pool, name, bytes)

## SharedPool [

### Library cache

**v\$sqltext:** displays the text of SQL statements belonging to shared SQL cursors in the SGA (address, hash\_value, sql\_id, command\_type, piece, sql\_text)

**v\$sqlarea:** displays statistics on shared SQL areas and contains one row per SQL string. It provides statistics on SQL statements that are in memory, parsed, and ready for execution. (sql\_text, sql\_id, sharable\_mem, persistent\_mem, ....)

**v\$sql:** lists statistics on shared SQL areas without the **GROUP BY** clause and contains one row for each child of the original SQL text entered. Statistics displayed in **V\$SQL** are normally updated at the end of query execution. However, for long running queries, they are updated every 5 seconds. This makes it easy to see the impact of long running SQL statements while they are still in progress. (sql\_text, sql\_id, sharable\_mem, persistent\_mem, ....)

**v\$librarycache:** contains statistics about library cache performance and activity (namespace, gets, gethits, ...)

### Dictionary cache

**v\$rowcache:** displays statistics for data dictionary activity. Each row contains statistics for one data dictionary cache (cache#, type, parameter, count, usage, ....)

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## DataBaseBufferCache

**v\$bh:** displays the status and number of pings for every buffer in the SGA. This is a Real Application Clusters view (file#, block#, class#, status, ....)

## RedoLogBuffer

**v\$log:** displays log file information from the control file (group#, bytes, blocksize, members,status, ....)

**v\$log\_history:** displays log history information from the control file (recid, stamp, first\_Time, ...)

## Process

**v\$process:** displays information about the currently active processes (addr, PID, SPID, Pname, username, ....)

## BgProcess

**v\$bgprocess:** displays information about the background processes (Paddr, Pserial#, name, description, error)

## Database

**v\$database:** displays information about the database from the control file (DBID, name, created, log\_mode, ...)

## File [

### ControlFile

**v\$controlfile:** This view lists the names of the control files (status, name)

### Logfile

**v\$logfile:** This view contains information about redo log files (groupe#, status, type, member, is\_recovery\_dest\_file)

### DataFile

**v\$datafile:** This view contains datafile information from the control file (file#, creation\_change, creation\_time, status, ....)

**dba\_data\_files:** describes database files (file\_name, file\_id, tablespace\_name, bytes, blocks, status, ....)

**DBA\_FREE\_SPACE:** describes the free extents in all tablespaces in the database (tablespace\_name, file\_id, block\_id, bytes, blocks, relative\_fno)

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## Tablespace

**v\$tablespace:** This view displays tablespace information from the control file (TS#, name, bigfile, included\_in\_database\_backup, flashback\_on, encrypt\_in\_backup)

**dba\_tablespaces:** describes all tablespaces in the database (tablespace\_name, block\_size, initial\_extent, status, ....)

## Segment

**dba\_segments:** describes the storage allocated for all segments in the database (owner, segment\_name, partition\_name, segment\_type, tablespace\_name, ....)

## Extent

**dba\_extents:** describes the extents comprising the segments in all tablespaces in the database (owner, segment\_name, partition\_name, segment\_type, tablespace\_name, extent\_id, block\_id, ....)

## Block

**v\$parameter:** displays information about the initialization parameters that are currently in effect for the session. A new session inherits parameter values from the instance-wide values displayed by the V\$SYSTEM\_PARAMETER view (num, name, type, value, display\_value, ....)

## Object [

**dba\_objects:** describes all objects in the database (owner, object\_name, subobject\_name, object\_id, object\_type, ....)

### Table

**dba\_tables:** describes all relational tables in the database ( owner, table\_name, tablespace\_name, cluster\_name, status, ....)

### Index

**dba\_indexes:** describes all indexes in the database (owner, index\_name, index\_type, table\_owner, table\_name, ....)

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## Lock

**v\$lock:** This view lists the locks currently held by the Oracle Database and outstanding requests for a lock or latch (addr, kaddr, SID, type, ....)

## Transaction

**v\$transaction:** lists the active transactions in the system (addr, xidusn, xidslot, xidsqn, ubafil, ...)

## Session

**v\$session:** This view lists session information for each current session (saddr, SID, serial#, audsid, ....)

## User

**dba\_users:** describes all users of the database (username, user\_id, password, account\_status, ....)

## Role

**dba\_roles:** lists all roles that exist in the database (rôle, password\_required)

**dba\_role\_privs:** describes the roles granted to all users and roles in the database (grantee, granted\_role, admin\_option, default\_role)

## Privileges [

### Privilege System

**dba\_tab\_privs:** describes all object grants in the database (Grantee, owner, table\_name, grantor, ....)

### Privilege Utilisateur

**dba\_sys\_privs:** describes system privileges granted to users and roles (grantee, privilege, admin\_option)