

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
(group#, 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)

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