THE V$ VIEWS FOR ORACLE DATABASE 10g R2

TUSC
The Oracle Experts since 1988

THIS POSTER DISPLAYS THE V$ VIEWS OF ORACLE DATABASE 10g categorized by major function. The V$ (dynamic performance) views are a supplement of views to the data dictionary and contain valuable real-time information that is stored in the SGA. There is also a set of GV$ (global fixed) views, which are identical to the V$ views with the addition of an instance id column (inst_id), which allows for multiple instance retrieval in parallel server environments.
NOTE: This poster has been created based on Oracle Database 10g Enterprise Edition Release 10.2.0.2.0.

HIGH AVAILABILITY AND RECOVERY

BACKUPS / ARCHIVES / RECOVERY

V$ARCHIVE
GROUP#
THREAD#
SEQUENCE#
BYTES
ARCHIVED
STATUS
COMPLETION_TIME
FIRST_CHANGE#
FIRST_TIME

V$ARCHIVE_DEST
DEST_ID
DEST_NAME
STATUS
BINDING
NAME_SPACE
TARGET
ARCHIVER
SCHEDULE
DESTINATION
LOG_SEQUENCE
REOPEN_SECS
DELAY_MINS
MAX_CONNECTIONS
PROCESS
REGISTER
FAIL_DATE
FAIL_SEQUENCE
FAIL_BLOCK
FAILURE_COUNT
MAX_FAILURE
ERROR
ALTERNATE
DEPENDENCY
REMOTE_TEMPLATE
MAX_CONN
QUOTA_USED
QUOTA_SIZE
MOUNT_MODE
ASYNC_BLOCKS
AFFIRM
TYPE
VALID_NOW
VALID_TYPE
VALID_ROLE
DB_UNIQUE_NAME
PROTECTION_MODE
SAFE_SWITCHOVER
DESTINATION_FLAGS
ARCHIVED_THREAD#
ARCHIVED_SEQ#
APPLIED
ERROR
ALLOCATED
USED_FOR_RECOVERY
ARCHIVED_DEST_FILE
DB_UNIQUE_NAME
SYNCHRONIZATION_STATUS
SYNCHRONIZED

V$ARCHIVED_LOG
RECID
STAMP
NAME
DEST_ID
THREAD#
SEQUENCE#
RESETLOGS_CHANGE#
RESETLOGS_ID
HIGH_CHANGE#
NEXT_CHANGE#
NEXT_TIME
BLOCKS
BLOCK_SIZE
ARCHIVED
STATUS
CREATOR
REGISTRAR
STANDBY_DEST
ARCHIVED
APPLIED
DELETED
COMPLETION_TIME
DICTIONARY_BEGIN
DICTIONARY_END
END_OF_REDO
BACKUP_COUNT
ARCHIVAL_THREAD#
ACTIVATION#
DB_UNIQUE_NAME
ARCHIVAL_DEST_FILE
CREATOR_PID
FAL
END_OF_REDO_TYPE

V$ARCHIVE_GAP
THREAD#
LOW_SEQUENCE#
HIGH_SEQUENCE#

V$ARCHIVE_PROCESSES
PROCESS
STATUS
LOG_SEQUENCE
STATE

V$BACKUP
FILE#
STATUS
CHANGE#
TIME

V$BACKUP_ARCHIVELOG_DETAILS
RECID
STAMP
SET_STAMP
SET_COUNT
THREAD#
SEQUENCE#
RESETLOGS_CHANGE#
RESETLOGS_ID
START_TIME
ELAPSED_SECONDS
BLOCKS
BLOCK_SIZE
COMPRESSION_RATIO
OUTPUT_BYTES_DISPLAY

V$BACKUP_ARCHIVELOG_SUMMARY
NUM_FILES_BACKED
NUM_DISTINCT_FILES_BACKED
BYTES
BYTES_DISPLAY

V$BACKUP_CORRUPTION
RECID
STAMP
SET_STAMP
SET_COUNT
PIECE#
FILE#
BLOCK#
BLOCKS
CORRUPTION_CHANGE#
MARKED_CORRUPT
CORRUPTION_TYPE

V$BACKUP_DATAFILE
RECID
STAMP
SET_STAMP
SET_COUNT
FILE#
CREATION_CHANGE#
CREATION_TIME
RESETLOGS_CHANGE#
RESETLOGS_TIME
INCREMENTAL_LEVEL
INCREMENTAL_CHANGE#
CHECKPOINT_CHANGE#
CHECKPOINT_TIME
MARKED_CORRUPT
MEDIA_CORRUPT
CONCUR
TABLESPACE_NAME
BLOCKS
BLOCK_SIZE
OLDEST_OFFLINE_RANGE
DIFFERENTIAL_LIMIT
CONTROLFILE_TYPE
CONTROLFILE_TRACKING
BLOCKS_READ
USED_OPTIMIZATION

V$BACKUP_DATAFILE_DETAILS
STAMP
SET_STAMP
SET_COUNT
FILE#
CREATION_CHANGE#
CREATION_TIME
RESETLOGS_CHANGE#
RESETLOGS_TIME
INCREMENTAL_LEVEL
INCREMENTAL_CHANGE#
CHECKPOINT_CHANGE#
CHECKPOINT_TIME
MARKED_CORRUPT
MEDIA_CORRUPT
CONCUR
TABLESPACE_NAME
BLOCKS
BLOCK_SIZE
OLDEST_OFFLINE_RANGE
DIFFERENTIAL_LIMIT
CONTROLFILE_TYPE
CONTROLFILE_TRACKING
BLOCKS_READ
USED_OPTIMIZATION

V$BACKUP_DATAFILE_SUMMARY
NUM_FILES_BACKED
NUM_DISTINCT_FILES_BACKED
BYTES
BYTES_DISPLAY

V$BACKUP_DEVICE
DEVICE_TYPE
DEVICE_NAME

V$BACKUP_FILES
FILE#
FILE_TYPE
KEEP
KEEP_UNTIL
KEEP_OPTIONS
OUTPUT_BYTES
OUTPUT_BYTES_DISPLAY

V$BACKUP_FILES (cont'd)
BS_KEY
BS_TYPE
BS_INCR_TYPE
BS_RECID
BS_STAMP
BS_COMPLETION_TIME
BS_PIECES
BS_BYTES
BS_COMPRESSED
BS_DEVICE_TYPE
BS_HANDLE
BP_RECID
BP_STAMP
BP_PIECE#
BP_TABLESPACE_CHANGE#
BP_CHECKPOINT_CHANGE#
BP_CHECKPOINT_TIME
BP_INCREMENTAL_LEVEL
BS_INCREMENTAL_LEVEL
BS_NEXT_TIME

V$BACKUP_PIECE
RECID
STAMP
SET_STAMP
SET_COUNT
PIECE#
COPY#
DEVICE_TYPE
HANDLE
COMMENTS
MEDIA
MEDIA_POOL
CONCUR
TAG
START_TIME
COMPLETION_TIME
ELAPSED_SECONDS
DELETED
STATUS
BYTES
BYTES_DISPLAY

V$BACKUP_PIECE_DETAILS
RECID
STAMP
SET_STAMP
SET_COUNT
PIECE#
COPY#
DEVICE_TYPE
HANDLE
COMMENTS
MEDIA
MEDIA_POOL
CONCUR
TAG
START_TIME
COMPLETION_TIME
ELAPSED_SECONDS
DELETED
STATUS
BYTES
BYTES_DISPLAY

V$BACKUP_SET
RECID
STAMP
SET_STAMP
SET_COUNT
BS_KEY
RECID
STAMP
BS_TYPE
BS_INCR_TYPE
BS_RECID
BS_STAMP
BS_COMPLETION_TIME
BS_PIECES
BS_BYTES
BS_COMPRESSED
BS_DEVICE_TYPE
BS_HANDLE
BP_RECID
BP_STAMP
BP_PIECE#
BP_TABLESPACE_CHANGE#
BP_CHECKPOINT_CHANGE#
BP_CHECKPOINT_TIME
BP_INCREMENTAL_LEVEL
BS_INCREMENTAL_LEVEL
BS_NEXT_TIME

V$BACKUP_SET_DETAILS
SESSION_KEY
SESSION_RECID
SESSION_STAMP
BS_KEY
RECID
STAMP
SET_STAMP
SET_COUNT
BACKUP_TYPE
CONTROLFILE_INCLUDED
INCREMENTAL_LEVEL
PIECES
START_TIME
COMPLETION_TIME
ELAPSED_SECONDS
BLOCK_SIZE
INPUT_FILE_SCAN_ONLY
KEEP
KEEP_UNTIL
KEEP_OPTIONS

V$BACKUP_SPFILE
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_SPFILE_DETAILS
SESSION_KEY
SESSION_RECID
SESSION_STAMP
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_SYNC_IO
SID
SERIAL#
FILE#
TYPE
ACTUAL_BLOCKS
SEQUENCE#
DELTA
BLOCK_SIZE

V$BACKUP_SYNC_IO (cont'd)
BUFFER_SIZE
BUFFER_COUNT
IO_COUNT
ELAPSED_TIME
LONG_WAITS
NOTIFIED_USER
OPEN_TIME
CLOSE_TIME
TOTAL_TIME
IO_TIME
IO_RATE
DISCRETE_BYTES_PER_SECOND

V$BACKUP_SPFILE
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_SPFILE_DETAILS
SESSION_KEY
SESSION_RECID
SESSION_STAMP
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_REDOLOG
RECID
STAMP
SET_STAMP
SET_COUNT
THREAD#
SEQUENCE#
RESETLOGS_CHANGE#
RESETLOGS_ID
FIRST_CHANGE#
NEXT_CHANGE#
BLOCKS
BLOCK_SIZE

V$BACKUP_SET
RECID
STAMP
SET_STAMP
SET_COUNT
BS_KEY
RECID
STAMP
BS_TYPE
BS_INCR_TYPE
BS_RECID
BS_STAMP
BS_COMPLETION_TIME
BS_PIECES
BS_BYTES
BS_COMPRESSED
BS_DEVICE_TYPE
BS_HANDLE
BP_RECID
BP_STAMP
BP_PIECE#
BP_TABLESPACE_CHANGE#
BP_CHECKPOINT_CHANGE#
BP_CHECKPOINT_TIME
BP_INCREMENTAL_LEVEL
BS_INCREMENTAL_LEVEL
BS_NEXT_TIME

V$BACKUP_SET_DETAILS
SESSION_KEY
SESSION_RECID
SESSION_STAMP
BS_KEY
RECID
STAMP
SET_STAMP
SET_COUNT
BACKUP_TYPE
CONTROLFILE_INCLUDED
INCREMENTAL_LEVEL
PIECES
START_TIME
COMPLETION_TIME
ELAPSED_SECONDS
BLOCK_SIZE
INPUT_FILE_SCAN_ONLY
KEEP
KEEP_UNTIL
KEEP_OPTIONS

V$BACKUP_SPFILE
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_SPFILE_DETAILS
SESSION_KEY
SESSION_RECID
SESSION_STAMP
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_REDOLOG
RECID
STAMP
SET_STAMP
SET_COUNT
THREAD#
SEQUENCE#
RESETLOGS_CHANGE#
RESETLOGS_ID
FIRST_CHANGE#
NEXT_CHANGE#
BLOCKS
BLOCK_SIZE

V$BACKUP_SYNC_IO
SID
SERIAL#
FILE#
TYPE
ACTUAL_BLOCKS
SEQUENCE#
DELTA
BLOCK_SIZE

V$BACKUP_SYNC_IO (cont'd)
BUFFER_SIZE
BUFFER_COUNT
IO_COUNT
ELAPSED_TIME
LONG_WAITS
NOTIFIED_USER
OPEN_TIME
CLOSE_TIME
TOTAL_TIME
IO_TIME
IO_RATE
DISCRETE_BYTES_PER_SECOND

V$BACKUP_SPFILE
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_SPFILE_DETAILS
SESSION_KEY
SESSION_RECID
SESSION_STAMP
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_SET
RECID
STAMP
SET_STAMP
SET_COUNT
BS_KEY
RECID
STAMP
BS_TYPE
BS_INCR_TYPE
BS_RECID
BS_STAMP
BS_COMPLETION_TIME
BS_PIECES
BS_BYTES
BS_COMPRESSED
BS_DEVICE_TYPE
BS_HANDLE
BP_RECID
BP_STAMP
BP_PIECE#
BP_TABLESPACE_CHANGE#
BP_CHECKPOINT_CHANGE#
BP_CHECKPOINT_TIME
BP_INCREMENTAL_LEVEL
BS_INCREMENTAL_LEVEL
BS_NEXT_TIME

V$BACKUP_SET_DETAILS
SESSION_KEY
SESSION_RECID
SESSION_STAMP
BS_KEY
RECID
STAMP
SET_STAMP
SET_COUNT
BACKUP_TYPE
CONTROLFILE_INCLUDED
INCREMENTAL_LEVEL
PIECES
START_TIME
COMPLETION_TIME
ELAPSED_SECONDS
BLOCK_SIZE
INPUT_FILE_SCAN_ONLY
KEEP
KEEP_UNTIL
KEEP_OPTIONS

V$BACKUP_SPFILE
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_SPFILE_DETAILS
SESSION_KEY
SESSION_RECID
SESSION_STAMP
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_REDOLOG
RECID
STAMP
SET_STAMP
SET_COUNT
THREAD#
SEQUENCE#
RESETLOGS_CHANGE#
RESETLOGS_ID
FIRST_CHANGE#
NEXT_CHANGE#
BLOCKS
BLOCK_SIZE

V$BACKUP_SYNC_IO
SID
SERIAL#
FILE#
TYPE
ACTUAL_BLOCKS
SEQUENCE#
DELTA
BLOCK_SIZE

V$BACKUP_SYNC_IO (cont'd)
BUFFER_SIZE
BUFFER_COUNT
IO_COUNT
ELAPSED_TIME
LONG_WAITS
NOTIFIED_USER
OPEN_TIME
CLOSE_TIME
TOTAL_TIME
IO_TIME
IO_RATE
DISCRETE_BYTES_PER_SECOND

V$BACKUP_SPFILE
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_SPFILE_DETAILS
SESSION_KEY
SESSION_RECID
SESSION_STAMP
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_SET
RECID
STAMP
SET_STAMP
SET_COUNT
BS_KEY
RECID
STAMP
BS_TYPE
BS_INCR_TYPE
BS_RECID
BS_STAMP
BS_COMPLETION_TIME
BS_PIECES
BS_BYTES
BS_COMPRESSED
BS_DEVICE_TYPE
BS_HANDLE
BP_RECID
BP_STAMP
BP_PIECE#
BP_TABLESPACE_CHANGE#
BP_CHECKPOINT_CHANGE#
BP_CHECKPOINT_TIME
BP_INCREMENTAL_LEVEL
BS_INCREMENTAL_LEVEL
BS_NEXT_TIME

V$BACKUP_SET_DETAILS
SESSION_KEY
SESSION_RECID
SESSION_STAMP
BS_KEY
RECID
STAMP
SET_STAMP
SET_COUNT
BACKUP_TYPE
CONTROLFILE_INCLUDED
INCREMENTAL_LEVEL
PIECES
START_TIME
COMPLETION_TIME
ELAPSED_SECONDS
BLOCK_SIZE
INPUT_FILE_SCAN_ONLY
KEEP
KEEP_UNTIL
KEEP_OPTIONS

V$BACKUP_SPFILE
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_SPFILE_DETAILS
SESSION_KEY
SESSION_RECID
SESSION_STAMP
RECID
STAMP
SET_STAMP
SET_COUNT
MODIFICATION_TIME
BYTES
COMPLETION_TIME

V$BACKUP_REDOLOG
RECID
STAMP
SET_STAMP
SET_COUNT
THREAD#
SEQUENCE#
RESETLOGS_CHANGE#
RESETLOGS_ID
FIRST_CHANGE#
NEXT_CHANGE#
BLOCKS
BLOCK_SIZE

V$BACKUP_SYNC_IO
SID
SERIAL#
FILE#
TYPE
ACTUAL_BLOCKS
SEQUENCE#
DELTA
BLOCK_SIZE

V$BACKUP_SYNC_IO (cont'd)
BUFFER_SIZE
BUFFER_COUNT
IO_COUNT
ELAPSED_TIME
LONG_WAITS
NOTIFIED_USER
OPEN_TIME
CLOSE_TIME
TOTAL_TIME
IO_TIME
IO_RATE
DISCRETE_BYTES_PER_SECOND

V$COPY_CORRUPTION
RECID
STAMP
COPY_RECID
COPY_STAMP
FILE#
BLOCK#
BLOCKS
CORRUPTION_CHANGE#
CORRUPTION_TYPE

V$DATABASE_BLOCK_CORRUPTION
FILE#
BLOCK#
BLOCKS
CORRUPTION_CHANGE#
CORRUPTION_TYPE

V$DATABASE_INCARNATION
INCARNATION#
RESETLOGS_CHANGE#
RESETLOGS_TIME
PRIOR_INCARNATION#
FLASHBACK_DATABASE_LOGFILE_NUM

V$DATAFILE_COPY
RECID
STAMP
TAG
FILE#
CREATION_CHANGE#
CREATION_TIME
RESETLOGS_CHANGE#
RESETLOGS_TIME
INCREMENTAL_LEVEL
CHECKPOINT_CHANGE#
CHECKPOINT_TIME
ABSOLUTE_FUZZY_CHANGE#
RECOVERY_FUZZY_TIME
ONLINE_FUZZY
BACKUP_FUZZY
BYTES
BLOCKS
BLOCK_SIZE
OLDEST_OFFLINE_RANGE
DELETED
STATUS
COMPLETION_TIME
CONTROLFILE_TYPE
KEEP_UNTIL
KEEP_OPTIONS
KEEP_BASED
USER_FLAG
OUTPUT_BYTES
OUTPUT_BYTES_DISPLAY

V$DATAFILE_COPY (cont'd)
OUTPUT_RATE_BYTES
OUTPUT_RATE_BYTES_DISPLAY
TIME_TAKEN_DISPLAY

V$DATAFILE_HEADER
FILE#
STATUS
ERROR
FORMAT#
RECOVER
FUZZY
CREATION_CHANGE#
CREATION_TIME
TABLESPACE_NAME
TS#
RFILE#
RESETLOGS_CHANGE#
RESETLOGS_TIME
VERIFY_DAY
CHECKPOINT_CHANGE#
CHECKPOINT_TIME
CHECKPOINT_COUNT
FUZZY_CHANGE#
FUZZY_TIME
LAST_CLOSE_CHANGE#
LAST_CLOSE_TIME
OFFLINE_CHANGE#
ONLINE_CHANGE#
ONLINE_TIME
BYTES
BLOCKS
BLOCK_SIZE
NEW_PRIVATE_CHANGE#
ONLINE_STATUS
LOG_MODE
CHECKPOINT_COUNT
ONLINE_CHECKPOINT_COUNT
BITMAP_BLOCKS
LAST_DEALLOC_BIT
MEDIA_CORRUPTED
LOST_WRITE_CHANGE#
LOST_WRITE_TIME
DIAGNOSTIC

V$DATAFILE_HEADER (cont'd)
VERIFIER
CONTROLFILE_TYPE
BACKUP_CHANGE#
BACKUP_TIME
ARCHIVE_CHANGE#
ARCHIVE_TIME
ABSOLUTE_FUZZY_CHANGE#
RECOVERY_FUZZY_TIME
ONLINE_FUZZY
BACKUP_FUZZY
MEDIA_CORRUPTED
LOST_WRITE_CHANGE#
LOST_WRITE_TIME
DIAGNOSTIC

V$DBVERIFY_DATAFILE
FILE#
BLOCKS
FAILING_BLOCKS
EXAMINED_BLOCKS
PROCESSED_BLOCKS
MARKED_CORRUPT
CHANGED_CHECKSUM_ONLY
FREE_BLOCKS
DATA_BLOCKS
INDEX_BLOCKS
OTHER_BLOCKS
UNKNOWN_BLOCKS
LAST_ERROR_BLOCK#
NEXT_ERROR_BLOCK#

V$DBVERIFY_DATAFILE (cont'd)
TOTAL
TOTAL_BYTES
TOTAL_BYTES_DISPLAY
OUTPUT_BYTES
OUTPUT_BYTES_DISPLAY

V$DBVERIFY_SPFILE
FILE#
BLOCKS
FAILING_BLOCKS
EXAMINED_BLOCKS
PROCESSED_BLOCKS
MARKED_CORRUPT
CHANGED_CHECKSUM_ONLY
FREE_BLOCKS
DATA_BLOCKS
INDEX_BLOCKS
OTHER_BLOCKS
UNKNOWN_BLOCKS
LAST_ERROR_BLOCK#
NEXT_ERROR_BLOCK#
TOTAL
TOTAL_BYTES
TOTAL_BYTES_DISPLAY
OUTPUT_BYTES
OUTPUT_BYTES_DISPLAY

V$DBVERIFY_SPFILE (cont'd)
OUTPUT_RATE_BYTES
OUTPUT_RATE_BYTES_DISPLAY
TIME_TAKEN_DISPLAY

V$DELETED_OBJECT
RECID
STAMP
OBJECT_RECID
OBJECT_STAMP
SET_STAMP
SET_COUNT

V$FAST_START_SERVERS
STATE
UNDOBLOCKSDONE
PID

V$FAST_START_TRANSACTIONS
USN
SLT
SEQ
STATE
UNDOBLOCKSDONE
PID

V$FLASHBACK_DATABASE_LOG
OLDEST_FLASHBACK_SCN
OLDEST_FLASHBACK_TIME
RETENTION_TARGET
FLASHBACK_SIZE
ESTIMATED_FLASHBACK_SIZE

V$FLASHBACK_DATABASE_LOGFILE
NAME
GROUP#
SEQUENCE#
BYTES
FIRST_CHANGE#
FIRST_TIME

V$FLASHBACK_DATABASE_STAT
BEGIN_TIME
END_TIME
FLASHBACK_DATA
DB_DATA
REDO_DATA
ESTIMATED_FLASHBACK_SIZE

V$FLASHFILESTAT
FILE#
PHYRDS
PHYWRTS
PHYBLKRD
PHYBLKWRT
SINGLEBLKRDS
SINGLEBLKRDTIM
READTIM
WRITETIM

V$FLASHRECOVERY_AREA_USAGE
FILE_TYPE
PERCENT_SPACE_USED
PERCENT_SPACE_RECLAIMABLE
NUMBER_OF_FILES

V$FLASHRECOVERY_RESERVED_POOL
RESERVED_ESTIMATED_IOS
ACTUAL_READS
TARGET_READS
RESERVED_READS
LOG_READS
TIMEOUT
RESERVED_BLKS
TARGET_BLKS
LOG_ONLY_BLKS
RESERVED_BLK_SIZE
TARGET_MTTR
ESTIMATED_MTTR
OPT_BLOCK_WRITES
OPT_LOGFILE_WRITES
ESTD_CLUSTER_AVAILABLE_TIME
WRITES_OTHER_SETTINGS
WRITES_AUTOTUNE
WRITES_FULL_THREAD_LOG
ESTD_MTTR_NOT_DUMPING

V$FLASHRECOVERY_RESERVED_POOL (cont'd)
ESTD_FACTOR
ESTD_ID_TO_FACTOR
ESTD_ID_FACTOR

V$FROXY_ARCHIVELOG_DETAILS
RECID
STAMP
SESSION_KEY
SESSION_RECID
SESSION_STAMP
THREAD#
SEQUENCE#
RESETLOGS_CHANGE#
RESETLOGS_ID
FIRST_CHANGE#
NEXT_CHANGE#
BLOCKS
BLOCK_SIZE
ARCHIVED
APPLIED
DELETED
COMPLETION_TIME
STANDBY_DEST

V$FROXY_ARCHIVELOG_SUMMARY
NUM_FILES_BACKED
NUM_DISTINCT_FILES_BACKED
BYTES
BYTES_DISPLAY

V$FROXY_COPY_DETAILS
SESSION_KEY
SESSION_RECID
SESSION_STAMP
RECID
STAMP
SET_STAMP
SET_COUNT
FILE#
CREATION_CHANGE#
CREATION_TIME
CHECKPOINT_CHANGE#
CHECKPOINT_TIME
OUTPUT_BYTES
OUTPUT_BYTES_DISPLAY

V$FROXY_COPY_SUMMARY
SESSION_ID
NUM_DISTINCT_FILES
NUM_COPIES
BYTES
BYTES_DISPLAY

V$FROXY_DATAFILE
HANDLE
FILE#
CREATION_CHANGE#
CREATION_TIME
STAMP
STATUS
BLOCKS
MEDIA_POOL
TAG
STATUS

V$IBFILE
FILE#
BLOCK#
CLASS#
STATUS
XNUM
FORCED_READS
FORCED_WRITES
LOCK_ELEMENT_ADDR
LOCK_ELEMENT_NAME
LOCK_ELEMENT_CLASS
TEMP
TS#
STAMP

V$IBSP
OR_RECIDS
OR_RECIDS_REQUESTS
OR_RECIDS_RECEIVED
UNDO_REQUESTS
UNDO_RECEIVED
FLUSHES
FLUSHES_DOWN
FLUSHES_FAILED
FREE_LOCK_ELEMENTS
LOCKS
LOCK_WAITS
LOCK_TIMEOUTS
LOCK_DEADLOCKS
LIGHT_WORKS
ERRORS

V$IBUFFERS
BLOCK#
QUEUE_ID
QUEUE_SCHEMA
QUEUE_NAME
SENDER_ADDRESS
SENDER_AGENT_NAME
CALLBACK
CALM_MSGS
CALM_MSGS_SEQ
UNBROKEN_MSGS
UNBROKEN_MSGS_SEQ
PUBLISHER_STATE

V$IBUFFERED_QUEUES
QUEUE_ID
QUEUE_SCHEMA
QUEUE_NAME
STARTUP_TIME
CALM_MSGS
CALM_MSGS_SEQ
EXPIRED_MSGS

V$IBUFFERED_SUBSCRIBERS
QUEUE_ID
QUEUE_SCHEMA
QUEUE_NAME
SUBSCRIBER_ID
SUBSCRIBER_NAME
SUBSCRIBER_ADDRESS
PROTOCOL

V$ICBP
ID
NAME
BLOCK_SIZE
BUFFERS_WANTED
CURRENT_SIZE
MIN_SIZE
TARGET_SIZE
TARGET_BUFFERS
PREV_SIZE
NEXT_SIZE

V$ICL_PING
CLASS
X_2_NULL
X_2_NULL_FORCED_WRITE
X_2_SSX
X_2_SSX_FORCED_WRITE
X_2_NULL
X_2_NULL_FORCED_STALE
SSX_2_X
SSX_2_X_FORCED_WRITE
NULL_2_X

V$IDLEVENT
EVENT#
NAME
WAIT_CLASS#
WAIT_CLASS_ID
WAIT_CLASS

V$IDLE_EVENT
EVENT
NAME
WAIT_CLASS#
WAIT_CLASS_ID
WAIT_CLASS

V$INCIDENT
INCIDENT_ID
PROBLEM_ID
CREATE_TIME
CLOSE_TIME
STATUS
FLOOD_CONTROLLED
ERROR_FACILITY
ERROR_NUMBER
ERROR_ARG1
ERROR_ARG2
ERROR_ARG3
ERROR_ARG4
ERROR_ARG5
ERROR_ARG6
ERROR_ARG7
ERROR_ARG8
SIGNALLING_COMPONENT
SIGNALLING_SUBCOMPONENT
SUSPECT_COMPONENT
SUSPECT_SUBCOMPONENT
ECID
IMPACT
PROBLEM_KEY
FIRST_INCIDENT
FIRSTINC_TIME
LAST_INCIDENT
LASTINC_TIME
IMPACT1
IMPACT2
IMPACT3
IMPACT4
KEY_VALUE1
KEY_VALUE2
KEY_VALUE3
KEY_VALUE4
OWNER_ECID
INCIDENT_FILE
OWNER_FILE

V$INSTANCE_RECOVERY
RECOVERY_ESTIMATED_IOS
ACTUAL_READS
TARGET_READS
LOG_FILE_SIZE_REDO_BLKS
LOG_CHKPT_TIMEOUT_REDO_BLKS
LOG_CHKPT_INTERVAL_REDO_BLKS
TARGET_MTTR
ESTIMATED_MTTR
CKPT_BLOCK_WRITES
OPTIMAL_LOGFILE_SIZE
ESTD_CLUSTER_AVAILABLE_TIME
WRITES_LOGFILE_SIZE
WRITES_LOG_CHKPT_INTERVAL
WRITES_FULL_THREAD_LOG
ESTIMATED_MTTR_NOT_DUMPING

V$INSTANCE_RECOVERY (cont'd)
ESTD_FACTOR
ESTD_ID_TO_FACTOR
ESTD_ID_FACTOR

V$IOSTAT_CONNECTION
SID
SERIAL#
CONN_ID
USER_NAME
PROGRAM
MODULE
SQL_ID
SQL_TEXT
ACTION
SHAREABLE_MEM
PERSISTENT_MEM
RUNTIME_MEM
IDLE_WAIT
SMALL_READS
LARGE_READS
SMALL_READ_MEGABYTES
LARGE_READ_MEGABYTES
SMALL_WRITES
LARGE_WRITES
SMALL_WRITE_MEGABYTES
LARGE_WRITE_MEGABYTES
SMALL_READ_REQS
LARGE_READ_REQS
SMALL_WRITE_REQS
LARGE_WRITE_REQS
SMALL_SYNC_READ_LATENCY
LARGE_SYNC_READ_LATENCY
SMALL_ASYNC_READ_LATENCY
LARGE_ASYNC_READ_LATENCY
SMALL_READ_SERVICE_TIME
LARGE_READ_SERVICE_TIME
SMALL_WRITE_SERVICE_TIME
LARGE_WRITE_SERVICE_TIME
SMALL_READ_SLOWER_COUNT
LARGE_READ_SLOWER_COUNT
SMALL_WRITE_SLOWER_COUNT
LARGE_WRITE_SLOWER_COUNT
ASYNCH_IO

V$IOSTAT_FILE
FILE_NO
FILETYPE_ID
FILETYPE_NAME
SMALL_READ_REQS
LARGE_READ_REQS
SMALL_WRITE_REQS
LARGE_WRITE_REQS
SMALL_SYNC_READ_LATENCY
LARGE_SYNC_READ_LATENCY
SMALL_ASYNC_READ_LATENCY
LARGE_ASYNC_READ_LATENCY
SMALL_READ_SERVICE_TIME
LARGE_READ_SERVICE_TIME
SMALL_WRITE_SERVICE_TIME
LARGE_WRITE_SERVICE_TIME
SMALL_READ_SLOWER_COUNT
LARGE_READ_SLOWER_COUNT
SMALL_WRITE_SLOWER_COUNT
LARGE_WRITE_SLOWER_COUNT
ASYNCH_IO

V$LOG
GROUP#
THREAD#
SEQUENCE#
BYTES
MEMBERS
ARCHIVED
STATUS
FIRST_CHANGE#
FIRST_TIME

V$LOGFILE
GROUP#
STATUS
MEMBER
TYPE
MEMBER
IS_RECOVERY_DEST_FILE

V$LOGHIST
THREAD#
SEQUENCE#
FIRST_CHANGE#
FIRST_TIME
NEXT_CHANGE#
SWITCH_CHANGE#

V$LOGMNR_CONTENTS
SCN
SCN1
TIMESTAMP
COMMIT_TIMESTAMP
THREAD#
LOG_ID
XIDUSN
XIDSLT
XIDSQN
RBASQN
RBABLK
RBABYTE
UBAFIL
UBABLK
UBAREC
UBASQN
ABS_FILE#
REL_FILE#
DATA_BLK#
DATA_OBJ#
DATA_OBJD#
SEG_OWNER
SEG_NAME
TABLE_NAME
SEG_TYPE
SEG_TYPE_NAME
TABLE_SPACE
ROW_ID
SESSION#
SERIAL#
USERNAME
SESSION_INFO
TX_NAME
ROLLBACK
OPERATION_CODE
OPERATION
SQL_REDO
SQL_UNDO
RS_ID
SEQUENCE
STATUS
INFO
PXID
VALUE

V$LOGMNR_DICTIONARY
DB_NAME
DB_ID
CREATED
RESET_SCN
RESET_SCN_TIME
DB_CREATION_SCN
DB_VERSION_TIME
DB_VERSION_SCN
DB_STATUS
DICTIONARY_TYPE
ENDIAN
FILENAME
FILESIZE
CHUNKS
CHUNK_NO
OFFSET
LENGTH
NEXT_CHUNK
NEXT_OFFSET

V$LOGMNR_LATCH
SESSION_ID
NAME
LATCH_ADDR

V$LOGMNR_LOGFILE
LOG_ID
FILENAME
LOW_TIME
HIGH_TIME
DB_ID
DB_NAME
RESET_TIMESTAMP
RESET_SCN
RESET_SCN_TIME
THREAD_ID
SEQUENCE#
RESETLOGS
STATUS
TYPE
FILESIZE
PARTIAL
REDO_VERSION

V$LOGMNR_LOGS
LOG_ID
FILENAME
LOW_TIME
HIGH_TIME
DB_ID
DB_NAME
RESET_SCN
RESET_SCN_TIME
DICTIONARY_BEGIN
DICTIONARY_END
THREAD_ID
SEQUENCE#
RESETLOGS
STATUS
TYPE
FILESIZE
PARTIAL
REDO_VERSION

V$LOGMNR_PARAMETERS
START_SCN
REQUIRED_START_DATE
END_SCN
START_TIME
REQUIRED_START_SCN
END_TIME
DICTOPT
STATUS

V$LOGMNR_PROCESS
SESSION_ID
SERIAL#
USERNAME
SPID
PID
STATE
TOTAL_PINNED_BUFFERS
TOTAL_PINNED_REGIONS
ALLOCATED_BYTES
FREE_BYTES
FREE_CHUNKS
LARGEST_FREE_CHUNK
LARGEST_FREE_CHUNK_BYTES
TOTAL_FREE_CHUNKS_BYTES
TOTAL_USED_CHUNKS_BYTES
TOTAL_CHUNKS_BYTES
LOW_TIME
HIGH_TIME
LOW_SCN
HIGH_SCN
LOW_OFFSET
HIGH_OFFSET
SPILLED_LOB_COUNT
SPILLED_LOB_BYTES
MINING_STATUS
QUEUE

V$LOGMNR_REGION
MEMSTATE
SCN
CHANNEL_PROCESS

V$LOGMNR_SESSION
SESSION_ID
SESSION_NAME
RESET
RESET_SCN
RESET_TIMESTAMP
SESSION_FLAGS
DB_ID
DB_NAME
DB_ID_STR
END_SCN
END_TIME
PREPARED_SCN
PREPARED_TIME
LOW_SCN
LOW_TIME
DB_FIRST_CHANGE#
DB_FIRST_TIME
DB_NEXT_CHANGE#
DB_NEXT_TIME
SESSION_ATTR
SESSION_INFO
SESSION_FLAGS2

V$LOGMNR_STATS
SESSION_ID
VALUE

V$LOGMNR_TRANSACTION
SESSION_ID
XIDUSN
XIDSLT
XIDSQN
START_SCN
START_TIMESTAMP
COMMIT_SCN
COMMIT_TIMESTAMP
LOGMNR_UNDO_CHANGE_NUM
LOGMNR_REDO_CHANGE_NUM
STATUS
SEGMENT_TYPE
OPERATION
SEGMENT_NAME
TABLE_SPACE
ROW_ID
SESSION#
SERIAL#
USERNAME
SESSION_INFO
TX_NAME
ROLLBACK
OPERATION_CODE
OPERATION
SQL_REDO
SQL_UNDO
RS_ID
SEQUENCE
STATUS
INFO
PXID
VALUE

V$LOGSTDBY
SESSION_ID
TYPE
HIGH_SCN
NAME
VALUE

V$LOGSTDBY_PROCESS
SERIAL#
SPID
TYPE
HIGH_SCN
APPLIED_SCN
MINED_SCN
LOGFILE
STATUS_CODE
STATUS

V$LOGSTDBY_PROGRESS
APPLIED_SCN
APPLIED_TIME
RESTART_SCN
RESTART_TIME
LATEST_SCN

V$LOGSTDBY_PROGRESS (cont'd)
LATEST_TIME
MINED_SCN
MINED_TIME
APPLIED_SCN
APPLIED_T