

KeyParams < PSSGroup < TWiki

The following is a list of the DB instance parameters for 10.1.0.4 at Tier 0. Please refer to Installation Procedure for 10.2 parameters (a few minor differences can be found there compared to the list here below)

```
*._recyclebin=FALSE -> Only for 10.1.0.4
*.cluster_database=TRUE
*.cluster_database_instances=4
*.compatible='10.1.0.4.0'
*.db_block_size=8192
*.db_cache_advice='READY' -> Note can be changed to ON (default)
*.db_create_file_dest='+DATA_DG1'
*.db_domain=..dbdomain..
*.db_file_multiblock_read_count=16 -> Note: may be worth try to tune this to 128 (1 MB IO)
*.db_name=..dbname..
*.db_recovery_file_dest='+recovery_db1'
*.db_recovery_file_dest_size=1099511627776
*.global_names=TRUE
*.job_queue_processes=10
*.log_archive_dest_1='LOCATION=+RECOVERY_DB1/..dbname..'
*.log_archive_format='%t_%s_%r.dbf' -> Note change to 'log%t_%s_%r.arc'
*.log_buffer=10485760
*.open_cursors=300
*.open_links=4
*.parallel_max_servers=10
*.pga_aggregate_target=1610612736
*.processes=500
*.remote_listener='...listener_alias_here....'
*.remote_login_passwordfile='exclusive'
*.sessions=555 -> NOTE: calculated param by oracle from processes
*.sga_target=1698693120
*.streams_pool_size=200M -> minimum of the Streams pool
*.undo_management='AUTO'
*.undo_retention=1800
*.audit_file_dest='/ORA/dbs00/oracle/admin/..dbname../adump'
*.core_dump_dest='/ORA/dbs00/oracle/admin/..dbname../cdump'
*.background_dump_dest='/ORA/dbs00/oracle/admin/..dbname../bdump'
*.user_dump_dest='/ORA/dbs00/oracle/admin/..dbname../udump'
*.audit_trail='db'
OTHER parameters with instance dependent values: instance_number, local_listener, thread, undo_ta
```

The following is a list of the ASM instance parameters for 10.1.0.4 at T0

```
*.asm_diskgroups='RECOVERY_DB1', 'DATA_DG1'
*.asm_diskstring='ORCL:*'
*.cluster_database=true
*.cluster_database_instances=4
*.instance_type='asm'
*.large_pool_size=41943040
*.processes=60
*.remote_login_passwordfile='exclusive'
*.sga_max_size=157286400
*.shared_pool_size=67108864
*.user_dump_dest='/ORA/dbs00/oracle/admin/+ASM/udump'
*.background_dump_dest='/ORA/dbs00/oracle/admin/+ASM/bdump'
*.core_dump_dest='/ORA/dbs00/oracle/admin/+ASM/cdump'
OTHER parameters: instance_number
NOTE: -> Note: may be worth try to tune *.db_cache_size=50000000 (default is 24M)
```

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