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List Tablespaces

```
select tablespace_name, file_name, bytes, autoextensible from dba_data_files;
```

Show ASM

```
SELECT name, free_mb, total_mb, free_mb/total_mb*100 as percentage FROM v$asm_diskgroup;
```

Add More Space

```
alter database datafile '/full/path/to/system01.dbf' autoextend on next 128m maxsize 8192m;  
alter tablespace SYSTEM add datafile '/full/path/to/system02.dbf' size 512m;
```

Check status

```
select status from v$instance;  
select status from v$archive_dest;
```

```
list backup;
```

```
validate database;
```

RAC

Resources

```
crsctl status resource -t
```

Node Status

```
crsctl check crs
```

Cluster Status

```
crsctl check cluster -all
```

ASMCMD

```
$ asmcmd
ASMCMD> help {command}
ASMCMD> ls
ASMCMD> lsdisk
ASMCMD> lsdg
ASMCMD> lsdisk -k
ASMCMD> iostat -t 10
```

Rename service

```
alter system set service_names = 'mydb' scope = both;
alter database rename global_name to mydb;
alter system register;

show parameter name;
alter system set db_domain='' scope=spfile;
```

Enable disable DB auditing

```
ALTER SYSTEM SET AUDIT_TRAIL=NONE SCOPE=SPFILE;
```

Set log archive

```
alter system set log_archive_dest_1='LOCATION=/ora/arch' scope=SPFILE;
```

Delete all archive logs

```
DELETE NOPROMPT ARCHIVELOG UNTIL TIME 'SYSDATE-10';
DELETE NOPROMPT ARCHIVELOG ALL;
```

Set Recovery size

```
alter system set db_recovery_file_dest_size=XG;
```

Check Licence Status

```
SELECT * FROM V$LICENSE;
SELECT * FROM PRODUCT_COMPONENT_VERSION;
```

ORACLE Edition

```
SELECT BANNER FROM V$VERSION WHERE BANNER LIKE '%Edition%';
```

Partitioning Status

```
SELECT decode(count(*), 0, 'No', 'Yes') Partitioning FROM (SELECT 1 FROM dba_part_tables
WHERE owner NOT IN ('SYSMAN', 'SH', 'SYS', 'SYSTEM', 'AUDSYS') AND rownum = 1 );
```

ORACLE Spatial Status

```
SELECT decode(count(*), 0, 'No', 'Yes') Spatial FROM (SELECT 1 FROM all_sdo_geom_metadata
WHERE rownum = 1);
```

RAC Status

```
SELECT decode(count(*), 0, 'No', 'Yes') RAC FROM (SELECT 1 FROM v$active_instances WHERE
rownum = 1);
```

Features used

```
SELECT DECODE(detected_usages,0,2,1) nop,
       name, version, detected_usages, currently_used,
       to_char(first_usage_date,'DD/MM/YYYY') first_usage_date,
       to_char(last_usage_date,'DD/MM/YYYY') last_usage_date
FROM dba_feature_usage_statistics ORDER BY nop, 1, 2
```

Waste

```
/opt/oracle/admin/ORAPL/adump/*
/opt/oracle/product/12.1.0/grid/rdbms/audit/*
/opt/oracle/diag/rdbms/orapl/ORAPL/alert/*
/opt/oracle/diag/tnslsnr/oracle/listener/*
```

```
crsctl modify resource ora.asm -attr "CHECK_INTERVAL=60"
crsctl stat res ora.asm -p |grep ^CHECK_INTERVAL
```

showasm.sh

```
#!/bin/ksh
for i in `/etc/init.d/oracleasm listdisks`
do
v_asmdisk=`/etc/init.d/oracleasm querydisk $i | awk '{print $2}'`
v_minor=`/etc/init.d/oracleasm querydisk $i | awk -F[ '{print $2}'| awk -F] '{print $1}' | awk '{print $1}'`
v_major=`/etc/init.d/oracleasm querydisk $i | awk -F[ '{print $2}'| awk -F] '{print $1}' | awk '{print $2}'`
v_device=`ls -la /dev | grep $v_minor | grep $v_major | awk '{print $10}'`
echo "ASM disk $v_asmdisk based on /dev/$v_device [$v_minor $v_major]"
done
```

ORACLE Spatial

https://www.ngdc.noaa.gov/wiki/index.php/Sample_Oracle_Spatial_Queries

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