1) Informatii despre fisierele de control

```
SQL> desc v$controlfile
Name                                                             Null?    Type
 --------------------------------------------------------------------     ---------
 STATUS                                                                   VARCHAR2(7)
 NAME                                                                     VARCHAR2(513)
 IS_RECOVERY_DEST_FILE                                                    VARCHAR2(3)
 BLOCK_SIZE                                                               NUMBER
 FILE_SIZE_BLKS                                                           NUMBER
SQL> select * from v$controlfile;

STATUS
-------
NAME
-----------------------------------------------------
IS_ BLOCK_SIZE FILE_SIZE_BLKS
--- ---------- --------------

F:\ORA10G_DB\PRODUCT\10.2.0\ORADATA\UPB\CONTROL01.CTL
NO     16384       430


F:\ORA10G_DB\PRODUCT\10.2.0\ORADATA\UPB\CONTROL02.CTL
NO     16384       430
```

2) Informatii despre fisierele de control extrase din view-ul pentru parametri

```
SQL> desc v$parameter
 Name                          Null?      Type
 ----------------------------- --------   ----
 NUM                                      NUMBER
 NAME                                     VARCHAR2(64)
 TYPE                                     NUMBER
 VALUE                                    VARCHAR2(512)
 ISDEFAULT                                VARCHAR2(9)
 ISSES_MODIFIABLE                         VARCHAR2(5)
 ISSYS_MODIFIABLE                         VARCHAR2(9)
 ISMODIFIED                               VARCHAR2(10)
 ISADJUSTED                               VARCHAR2(5)
 DESCRIPTION                              VARCHAR2(64)
 UPDATE_COMMENT                           VARCHAR2(255)

SQL> select * from v$parameter where name='control_files';

    NUM NAME                                              TYPE
--------- ------------------------------------------------------------- ---------
VALUE
--------------------------------------------------------------------------------------------
ISDEFAULT ISSES ISSYS_MOD ISMODIFIED ISADJ DESCRIPTION
--------- ----- --------- ---------- ----- --------------------------------------------------
UPDATE_COMMENT
```

1

```
    219 control_files                                   2
g:\oracle\oradata\leu\CONTROL01.CTL, g:\oracle\oradata\leu\CONTROL02.CTL,
g:\oracle\oradata\leu\CONT
FALSE    FALSE FALSE    FALSE    FALSE control file names list
```

2) Informatii despre marimea inregistrarii, numarul total de inregistrari alocate si cele folosite referitoare la parametrii de control

SQL> desc v$controlfile_record_section

```
Name                      Null?  Type
--------------          ----------------- -------- ----
 TYPE                              VARCHAR2(20)
 RECORD_SIZE                       NUMBER
 RECORDS_TOTAL                     NUMBER
 RECORDS_USED                      NUMBER
 FIRST_INDEX                       NUMBER
 LAST_INDEX                        NUMBER
 LAST_RECID                        NUMBER
```

SQL> select * from v$controlfile_record_section;

TYPE	RECORD_SIZE	RECORDS_TOTAL	RECORDS_USED	FIRST_INDEX	LAST_INDEX	LAST_RECID
DATABASE	316	1	1	0	0	0
CKPT PROGRESS	8180	11	0	0	0	0
REDO THREAD	256	8	1	0	0	0
REDO LOG	72	16	3	0	0	3
DATAFILE	428	100	20	0	0	2025
FILENAME	524	2298	26	0	0	0
TABLESPACE	68	100	23	0	0	19
TEMPORARY FILENAME	56	100	3	0	0	3
RMAN CONFIGURATION	1108	50	0	0	0	0
LOG HISTORY	56	292	292	126	125	709
OFFLINE RANGE	200	163	0	0	0	0
ARCHIVED LOG	584	28	0	0	0	0
BACKUP SET	40	409	0	0	0	0
BACKUP PIECE	736	200	0	0	0	0
BACKUP DATAFILE	116	282	0	0	0	0
BACKUP REDOLOG	76	215	0	0	0	0
DATAFILE COPY	660	223	1	1	1	1
BACKUP CORRUPTION	44	371	0	0	0	0
COPY CORRUPTION	40	409	0	0	0	0
DELETED OBJECT	20	818	1	1	1	1
PROXY COPY	852	249	0	0	0	0
BACKUP SPFILE	36	454	0	0	0	0

4) Vizualizare fisiere de control

SQL> SHOW PARAMETER CONTROL_FILES

Obs: Pentru Oracle 9i trebuie facuta grantificarea din SYS:
SQL> GRANT SELECT ANY PARAMETER to UBD1

```
NAME                            TYPE      VALUE
------------------------------------ ----------- --------------------------------
control_files                   string    F:\ORA10G_DB\PRODUCT\10.2.0\OR
                                          ADATA\UPB\CONTROL01.CTL, F:\OR
                                          A10G_DB\PRODUCT\10.2.0\ORADATA
                                          \UPB\CONTROL02.CTL, F:\ORA10G_
```

5) Informatii despre fisierele de date
SQL> desc v$datafile

Name	Null?	Type
FILE#		NUMBER
CREATION_CHANGE#		NUMBER
CREATION_TIME		DATE
TS#		NUMBER
RFILE#		NUMBER
STATUS		VARCHAR2(7)
ENABLED		VARCHAR2(10)
CHECKPOINT_CHANGE#		NUMBER
CHECKPOINT_TIME		DATE
UNRECOVERABLE_CHANGE#		NUMBER
UNRECOVERABLE_TIME		DATE
LAST_CHANGE#		NUMBER
LAST_TIME		DATE
OFFLINE_CHANGE#		NUMBER
ONLINE_CHANGE#		NUMBER
ONLINE_TIME		DATE
BYTES		NUMBER
BLOCKS		NUMBER
CREATE_BYTES		NUMBER
BLOCK_SIZE		NUMBER
NAME		VARCHAR2(513)
PLUGGED_IN		NUMBER
BLOCK1_OFFSET		NUMBER
AUX_NAME		VARCHAR2(513)

SQL> select * from v$datafile;

```
    FILE# CREATION_CHANGE# CREATION_     TS#   RFILE# STATUS  ENABLED
CHECKPOINT_CHANGE# CHECKPOIN
--------- ---------------- --------- --------- --------- ------- ---------- ----------------- -----
NAME
--------------------------------------------------------------------------------------------------
PLUGGED_IN BLOCK1_OFFSET
---------- -------------
AUX_NAME
--------------------------------------------------------------------------------------------------
    1           11 12-MAY-02     0      1 SYSTEM  READ WRITE        48391344 19-OCT-08
0
G:\ORACLE\ORADATA\LEU\SYSTEM01.DBF
    0       8192
NONE


    2       187697 12-MAY-02     1      2 ONLINE  READ WRITE        48391344 19-OCT-08
0
G:\ORACLE\ORADATA\LEU\UNDOTBS01.DBF
    0       8192
NONE
```

```
     3          6283 12-MAY-02      3      3 ONLINE  READ WRITE       48391344 19-OCT-08
0
G:\ORACLE\ORADATA\LEU\CWMLITE01.DBF
     0       8192
NONE


     4          6302 12-MAY-02      4      4 ONLINE  READ WRITE       48391344 19-OCT-08
0
G:\ORACLE\ORADATA\LEU\DRSYS01.DBF
     0       8192
NONE


     5          6324 12-MAY-02      5      5 ONLINE  READ WRITE       48391344 19-OCT-08
0
G:\ORACLE\ORADATA\LEU\EXAMPLE01.DBF
     0       8192
NONE


     6          6343 12-MAY-02      6      6 ONLINE  READ WRITE       48391344 19-OCT-08
0
G:\ORACLE\ORADATA\LEU\INDX01.DBF
     0       8192
NONE


     7          6363 12-MAY-02      7      7 ONLINE  READ WRITE       48391344 19-OCT-08
0
G:\ORACLE\ORADATA\LEU\ODM01.DBF
     0       8192
NONE


     8          6382 12-MAY-02      8      8 ONLINE  READ WRITE       48391344 19-OCT-08
0
G:\ORACLE\ORADATA\LEU\TOOLS01.DBF
     0       8192
NONE


     9          6401 12-MAY-02      9      9 ONLINE  READ WRITE       48391344 19-OCT-08
0
G:\ORACLE\ORADATA\LEU\USERS01.DBF
     0       8192
NONE


     10         6420 12-MAY-02      10     10 ONLINE  READ WRITE      48391344 19-OCT-08
0
G:\ORACLE\ORADATA\LEU\XDB01.DBF
     0       8192
NONE
```

6) Informatii despre fisierele temporare

```
SQL> desc v$tempfile

 Name                           Null?        Type
 ------------------------------ --------     ----
 FILE#                                       NUMBER
 CREATION_CHANGE#                            NUMBER
```

```
CREATION_TIME                        DATE
TS#                                  NUMBER
RFILE#                               NUMBER
STATUS                               VARCHAR2(7)
ENABLED                              VARCHAR2(10)
BYTES                                NUMBER
BLOCKS                               NUMBER
CREATE_BYTES                         NUMBER
BLOCK_SIZE                           NUMBER
NAME                                 VARCHAR2(513)
```

SQL> select * from v$tempfile;

```
   FILE# CREATION_CHANGE# CREATION_    TS#   RFILE# STATUS  ENABLED      BYTES
BLOCKS CREATE_BYTES BLOC
--------- ---------------- ---------    ---------    ---------    ------- ---------- --------- --------- ----
NAME
-------------------------------------------------------------------------------------------------
     1         0           2        1 ONLINE  READ WRITE 41943040    5120    41943040    8192
G:\ORACLE\ORADATA\LEU\TEMP01.DBF
```

7) Informatii despre tablespace-uri

SQL> desc v$tablespace
```
Name                                 Null?              Type
-------------------------------      --------           ----
 TS#                                                    NUMBER
 NAME                                                   VARCHAR2(30)
 INCLUDED_IN_DATABASE_BACKUP                            VARCHAR2(3)
```

SQL> select * from v$tablespace;

```
   TS#    NAME                       INC
--------- ------------------------------ ---
     3    CWMLITE                    YES
     4    DRSYS                      YES
     5    EXAMPLE                    YES
     6    INDX                       YES
     7    ODM                        YES
     0    SYSTEM                     YES
     8    TOOLS                      YES
     1    UNDOTBS1                   YES
     9    USERS                      YES
    10    XDB                        YES
     2    TEMP                       YES
```
11 rows selected.

8) Informatii despre baza de date

SQL> desc v$database

```
Name                       Null?                Type
----------------------      --------            -------- ----
 DBID                                            NUMBER
 NAME                                           VARCHAR2(9)
```

```
CREATED                              DATE
RESETLOGS_CHANGE#                    NUMBER
RESETLOGS_TIME                       DATE
PRIOR_RESETLOGS_CHANGE#              NUMBER
PRIOR_RESETLOGS_TIME                 DATE
LOG_MODE                             VARCHAR2(12)
CHECKPOINT_CHANGE#                   NUMBER
ARCHIVE_CHANGE#                      NUMBER
CONTROLFILE_TYPE                     VARCHAR2(7)
CONTROLFILE_CREATED                  DATE
CONTROLFILE_SEQUENCE#                NUMBER
CONTROLFILE_CHANGE#                  NUMBER
CONTROLFILE_TIME                     DATE
OPEN_RESETLOGS                       VARCHAR2(11)
VERSION_TIME                         DATE
OPEN_MODE                            VARCHAR2(10)
PROTECTION_MODE                      VARCHAR2(20)
PROTECTION_LEVEL                     VARCHAR2(20)
REMOTE_ARCHIVE                       VARCHAR2(8)
ACTIVATION#                          NUMBER
DATABASE_ROLE                        VARCHAR2(16)
ARCHIVELOG_CHANGE#                   NUMBER
SWITCHOVER_STATUS                    VARCHAR2(18)
DATAGUARD_BROKER                     VARCHAR2(8)
GUARD_STATUS                         VARCHAR2(7)
SUPPLEMENTAL_LOG_DATA_MIN            VARCHAR2(3)
SUPPLEMENTAL_LOG_DATA_PK             VARCHAR2(3)
SUPPLEMENTAL_LOG_DATA_UI             VARCHAR2(3)
FORCE_LOGGING                        VARCHAR2(3)
```

SQL> select * from v$database;
```
    DBID NAME     CREATED   RESETLOGS_CHANGE# RESETLOGS
PRIOR_RESETLOGS_CHANGE# PRIOR_RES LOG_MODE
--------- --------- --------- ----------------- --------- ---------------------- --------- --------
CHECKPOINT_CHANGE# ARCHIVE_CHANGE# CONTROL CONTROLFI
CONTROLFILE_SEQUENCE# CONTROLFILE_CHANGE# CONTR
------------------ --------------- ------- --------- -------------------- ------------------ -----
VERSION_T OPEN_MODE  PROTECTION_MODE     PROTECTION_LEVEL     REMOTE_A
ACTIVATION# DATABASE_ROLE    AR
--------- ---------- -------------------- -------------------- -------- ----------- ----------------
SWITCHOVER_STATUS  DATAGUAR GUARD_S SUP SUP SUP FOR
------------------ -------- ------- --- --- --- ---
1.248E+09 LEU      17-MAR-07         190578 17-MAR-07                     1 12-MAY-02
NOARCHIVELOG
      48391344      48301579 CURRENT 17-MAR-07               10100         48391344 19-OCT-08 NOT
ALLOWED
17-MAR-07 READ WRITE MAXIMUM PERFORMANCE  UNPROTECTED         ENABLED
1.248E+09 PRIMARY               0
SESSIONS ACTIVE   DISABLED NONE   NO  NO  NO  NO
```

8) Informatii despre fisierele de log

SQL> desc V$LOGFILE;
```
 Name                                                      Null?    Type
 ----------------------------------------------------------------- -------- ------
```

```
GROUP#                                    NUMBER
STATUS                                    VARCHAR2(7)
TYPE                                      VARCHAR2(7)
MEMBER                                    VARCHAR2(513)
IS_RECOVERY_DEST_FILE                     VARCHAR2(3)
```

SQL> select * from V$LOGFILE;

```
   GROUP# STATUS  TYPE
---------- ------- -------
MEMBER                                                      IS_REC
------------------------------------------------------      ---
      3 STALE   ONLINE
F:\ORA10G_DB\PRODUCT\10.2.0\ORADATA\UPB\REDO03.LOG          NO

      2 STALE   ONLINE
F:\ORA10G_DB\PRODUCT\10.2.0\ORADATA\UPB\REDO02.LOG          NO
```

SQL> desc v$log

```
Name                                         Null?   Type
------------------------------------------------------- -------- ------
GROUP#                                               NUMBER
THREAD#                                              NUMBER
SEQUENCE#                                            NUMBER
BYTES                                                NUMBER
MEMBERS                                              NUMBER
ARCHIVED                                             VARCHAR2(3)
STATUS                                               VARCHAR2(16)
FIRST_CHANGE#                                        NUMBER
FIRST_TIME                                           DATE
```

SQL> select * from V$LOG;

GROUP#	THREAD#	SEQUENCE#	BYTES	MEMBERS	ARC	STATUS	FIRST_CHANGE#	FIRST_TIM
1	1	866	52428800	1	NO	INACTIVE	25007925	17-OCT-15
2	1	867	52428800	1	NO	INACTIVE	25033325	22-OCT-15
3	1	868	52428800	1	NO	CURRENT	25058518	25-OCT-15