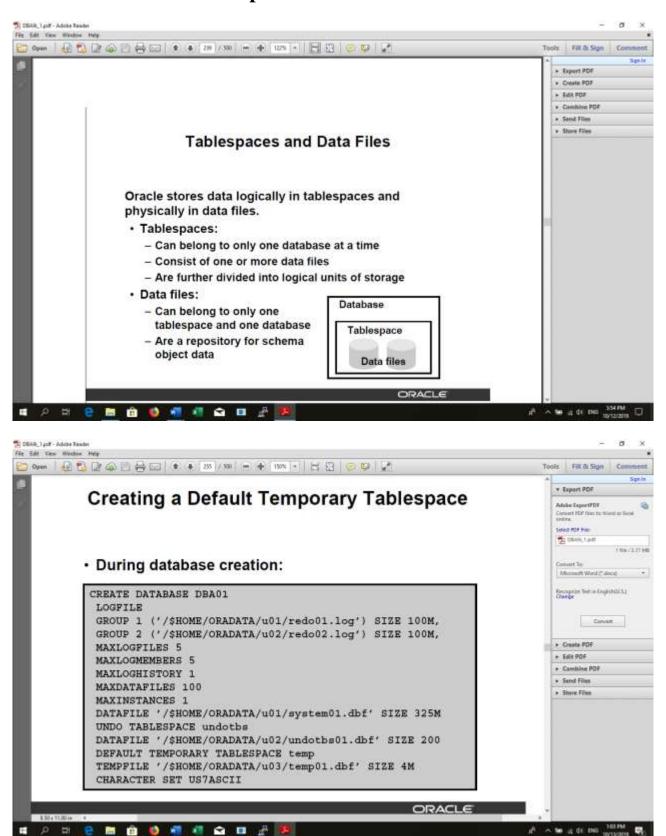
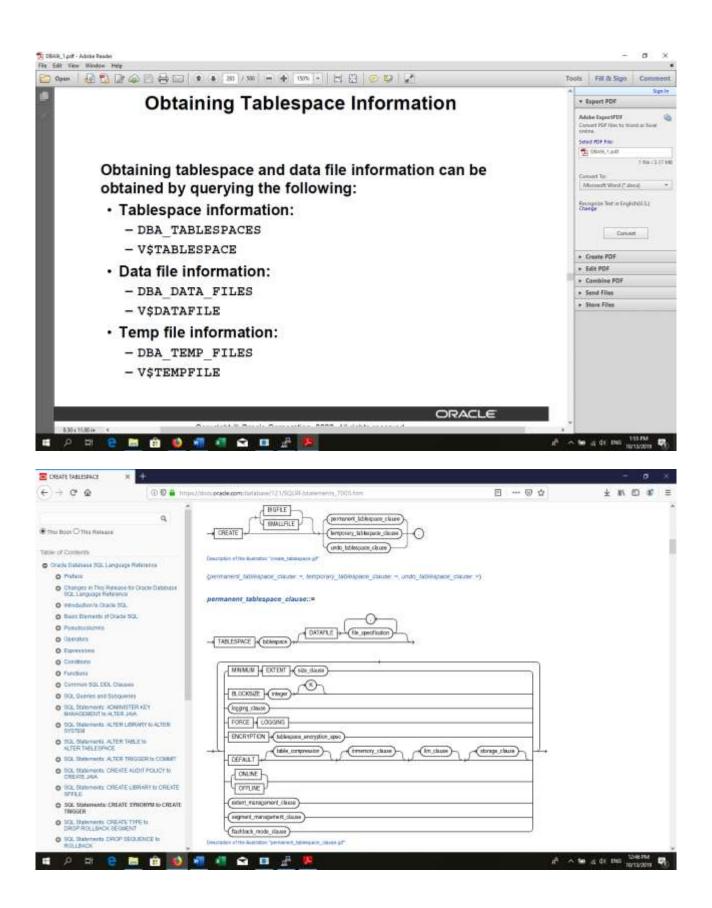
#### Tablespace-uri si fisiere de date





- 1) Crearea unui tablespace permanent cu un fisier de date asignat de 1 Mb, cu sau fara extensie:
- a) cu specificarea tipului si dimensiunea extensiei:
- SQL> create tablespace abd\_data1 datafile 'g:/temp/abd\_data1.dbf' size 5M extent management local uniform size 128k; Tablespace created.
- b) fara specificarea extensiei (implicit AUTOALLOCATE):
- SQL >create tablespace abd\_data2 datafile 'G:/temp/abd\_data2.dbf' size 5M; Tablespace created.
  - 2) Extinderea spatiului alocat unui tablespace:
  - a) extinderea spatiului prin autoextensie:
- SQL> alter database datafile 'g:/temp/abd\_data1.dbf' autoextend on next 2M;
  Database altered.
  - b) extinderea spatiului cu marime fixa:

SQL> alter database datafile 'g:/temp/abd\_data1.dbf' resize 3M; Database altered.

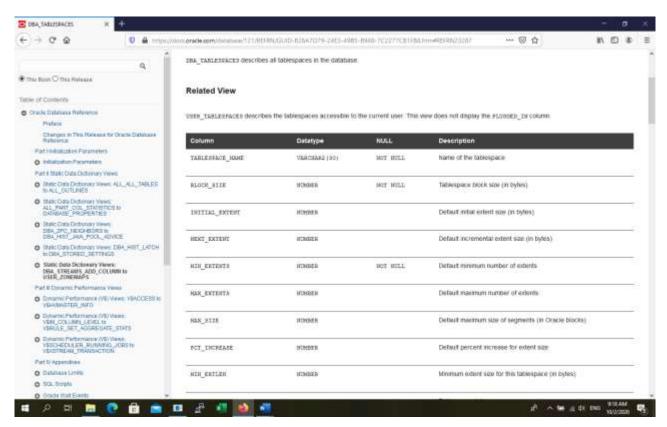
3) Adaugarea unui nou fisier de date la un tablespace:

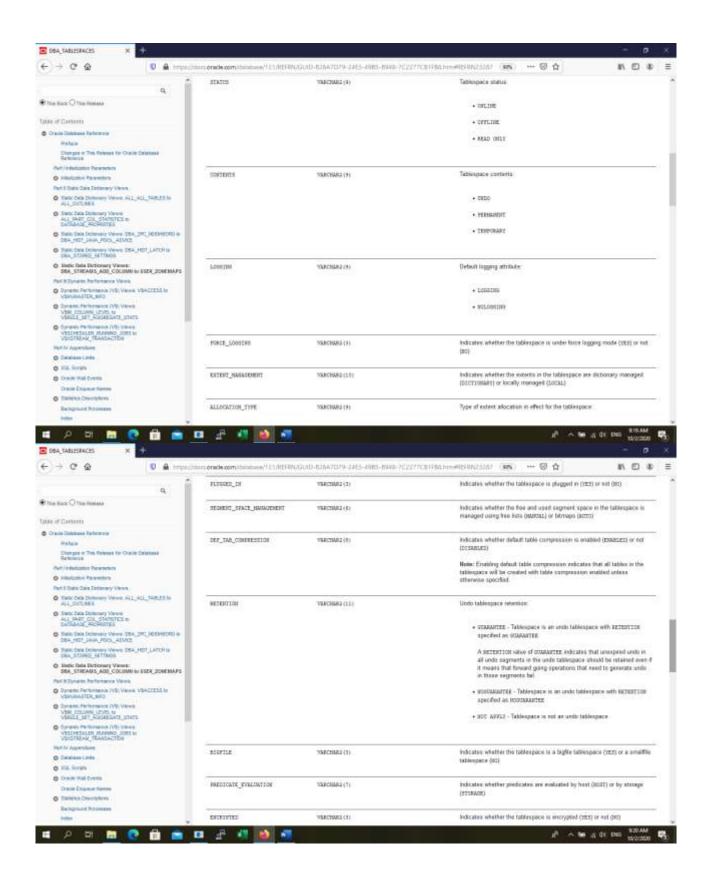
SQL> alter tablespace abd\_data1 add datafile 'g:/temp/abd\_data11.dbf' size 3M; Tablespace altered.

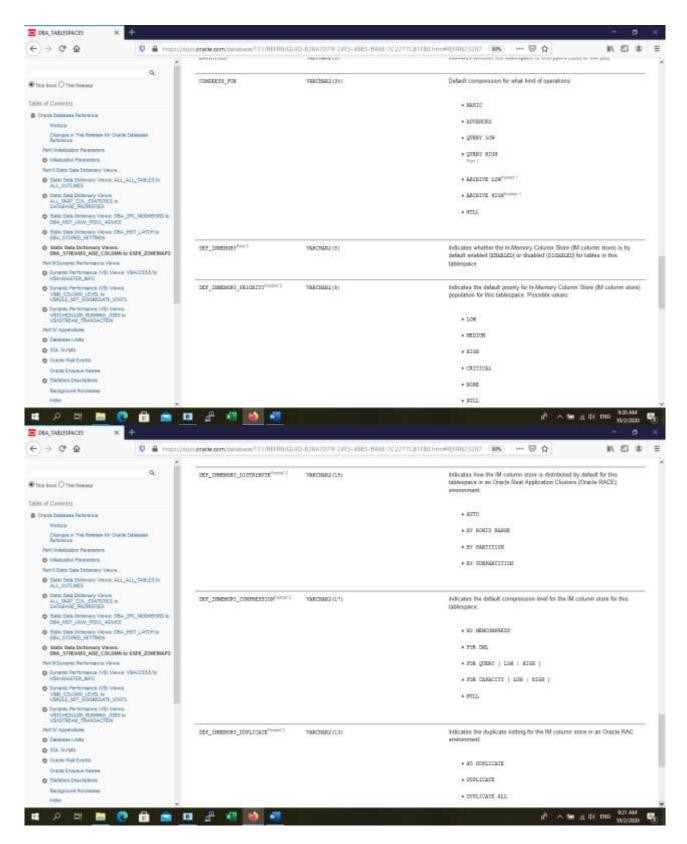
4) Informatii despre tablespace-uri create pe baza de date:

SQL> desc dba_tablespaces Name	Null?	Type
TABLESPACE_NAME	NOT NULL	VARCHAR2(30)
BLOCK_SIZE	NOT NULL	NUMBER
INITIAL_EXTENT		NUMBER
NEXT_EXTENT		NUMBER
MIN_EXTENTS	NOT NULL	NUMBER
MAX_EXTENTS		NUMBER
MAX_SIZE		NUMBER

PCT\_INCREASE NUMBER MIN EXTLEN **NUMBER STATUS** VARCHAR2(9) **CONTENTS** VARCHAR2(9) LOGGING VARCHAR2(9) FORCE\_LOGGING VARCHAR2(3) EXTENT MANAGEMENT VARCHAR2(10) ALLOCATION\_TYPE VARCHAR2(9) PLUGGED IN VARCHAR2(3) SEGMENT\_SPACE\_MANAGEMENT VARCHAR2(6) DEF\_TAB\_COMPRESSION VARCHAR2(8) **RETENTION** VARCHAR2(11) **BIGFILE** VARCHAR2(3) PREDICATE\_EVALUATION VARCHAR2(7) **ENCRYPTED** VARCHAR2(3) COMPRESS\_FOR VARCHAR2(30) **DEF INMEMORY** VARCHAR2(8) DEF\_INMEMORY\_PRIORITY VARCHAR2(8) DEF\_INMEMORY\_DISTRIBUTE VARCHAR2(15) DEF\_INMEMORY\_COMPRESSION VARCHAR2(17) DEF\_INMEMORY\_DUPLICATE VARCHAR2(13)





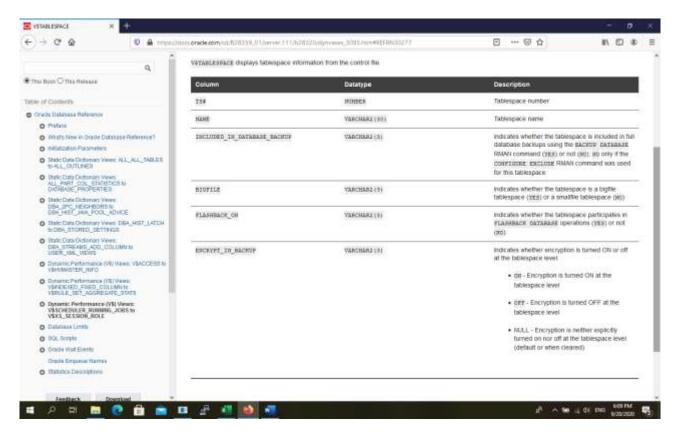


SQL> select tablespace\_name, contents, block\_size, status from dba\_tablespaces;

		BLOCK_SIZE STATUS	
SYSTEM	PERMANENT	8192 ONLINE	
SYSAUX	PERMANENT	8192 ONLINE	
UNDOTBS1	UNDO	8192 ONLINE	
TEMP	<b>TEMPORARY</b>	8192 ONLINE	
USERS	<b>PERMANENT</b>	8192 ONLINE	
BD_DATA	<b>PERMANENT</b>	8192 ONLINE	
BD_TEMP	<b>TEMPORARY</b>	8192 ONLINE	
ABD_DATA1	PERMANENT	8192 OFFLINE	
ABD_DATA2	PERMANENT	8192 OFFLINE	
TABLESPACE_NAME	CONTENTS	BLOCK_SIZE	STATUS
SYSTEM	<b>PERMANENT</b>	8192	<b>ONLINE</b>
SYSAUX	<b>PERMANENT</b>	8192	ONLINE
UNDOTBS1	UNDO	8192	ONLINE
TEMP	<b>TEMPORARY</b>	8192	ONLINE
USERS	PERMANENT	8192	ONLINE
EXAMPLE	PERMANENT	8192	ONLINE
BI_IAS_OPSS	PERMANENT	8192	ONLINE
BI_IAS_TEMP	PERMANENT	8192	ONLINE
BI_IAS_UMS	PERMANENT	8192	ONLINE
BI_MDS	PERMANENT	8192	ONLINE
BI_IAU	PERMANENT	8192	ONLINE
BI_BIPLATFORM	PERMANENT	8192	ONLINE
BI_WLS	PERMANENT	8192	ONLINE
BI_STB	PERMANENT	8192	ONLINE
UBD_TEMP	TEMPORARY	8192	ONLINE
BD_UNDO	PERMANENT	8192	ONLINE
BD_DATA	PERMANENT	8192	ONLINE
BD_TEMP	TEMPORARY	8192	ONLINE
ABD_DATA1	PERMANENT	8192	OFFLINE
ABD_DATA2	PERMANENT	8192	OFFLINE

5) Informatii despre tablespace-uri create pe baza de date(preluate din view):

SQL> desc v\$tablespace Name	Null?	Type
TS#		NUMBER
NAME		VARCHAR2(30)
INCLUDED_IN_DATABASE_BACKU	P	VARCHAR2(3)
BIGFILE		VARCHAR2(3)



#### SQL> select \* from v\$tablespace;

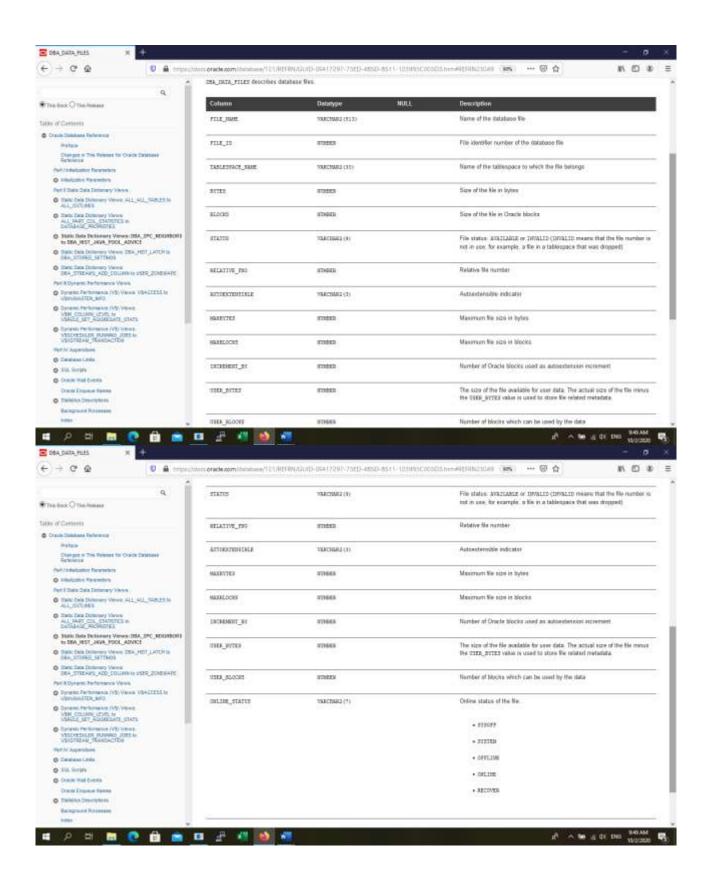
TS# NA	AME	INC	BIG	FLA	ENC	CON_ID
1 SYS	SAUX	YES	NO	YES		0
0 SYS	STEM	YES	NO	YES		0
2 UN	DOTBS1	YES	NO	YES		0
4 USI	ERS	YES	NO	YES		0
3 TEN	MP	NO	NO	YES		0
5 EXA	AMPLE	YES	NO	YES		0
6 BI_	IAS_OPSS	YES	NO	YES		0
7 BI_	IAS_TEMP	NO	NO	YES		0
8 BI_	IAS_UMS	YES	NO	YES		0
9 BI_	MDS	YES	NO	YES		0
10 BI_	_IAU	YES	NO	YES		0
11 BI_	BIPLATFORM	YES	NO	YES		0
12 BI_	_WLS	YES	NO	YES		0
13 BI_	_STB	YES	NO	YES		0
20 BD	_UNDO	YES	NO	YES		0
19 UB	D_TEMP	NO	NO	YES		0

21 BD_DATA	YES	NO	YES	0
22 BD_TEMP	NO	NO	YES	0
23 ABD_DATA1	YES	NO	YES	1
24 ABD DATA2	YES	NO	YES	1

6) Informatii despre tablespace-uri si fiserele de date asignate (la nivelul bazei de date):

SQL> desc dba\_data\_files;

Name	Null?	Type
FILE_NAME		VARCHAR2(513)
FILE_ID		NUMBER
TABLESPACE_NAME		VARCHAR2(30)
BYTES		NUMBER
BLOCKS		NUMBER
STATUS		VARCHAR2(9)
RELATIVE_FNO		NUMBER
AUTOEXTENSIBLE		VARCHAR2(3)
MAXBYTES		NUMBER
MAXBLOCKS		NUMBER
INCREMENT_BY		NUMBER
USER_BYTES		NUMBER
USER_BLOCKS		NUMBER
ONLINE_STATUS		VARCHAR2(7)



## SQL> select tablespace\_name,file\_name,status from dba\_data\_files;

TABLESPACE_NAME	FILE_NAME	STATUS
CXCTEM	CAODACLE 12CADADATA DDI CYCTEMOLDDE	AVAILADI E
SYSTEM	C:\ORACLE_12C\ORADATA\BD\SYSTEM01.DBF	AVAILABLE
SYSAUX	C:\ORACLE_12C\ORADATA\BD\SYSAUX01.DBF	AVAILABLE
UNDOTBS1	C:\ORACLE_12C\ORADATA\BD\UNDOTBS01.DBF	AVAILABLE
USERS	C:\ORACLE_12C\ORADATA\BD\USERS01.DBF	AVAILABLE
EXAMPLE	C:\ORACLE_12C\ORADATA\BD\EXAMPLE01.DBF	AVAILABLE
BI_IAS_OPSS	C:\ORACLE_12C\ORADATA\BD\BI_IAS_OPSS.DBF	AVAILABLE
BI_IAS_UMS	C:\ORACLE_12C\ORADATA\BD\BI_UMS.DBF	AVAILABLE
BI_MDS	C:\ORACLE_12C\ORADATA\BD\BI_MDS.DBF	AVAILABLE
BI_IAU	C:\ORACLE_12C\ORADATA\BD\BI_IAU.DBF	AVAILABLE
BI_BIPLATFORM	C:\ORACLE_12C\ORADATA\BD\BI_BIPLATFORM.DBF	AVAILABLE
BI_WLS	C:\ORACLE_12C\ORADATA\BD\BI_WLSSERVICES.DBF	AVAILABLE
BI_STB	C:\ORACLE_12C\ORADATA\BD\BI_SVCTBL.DBF	AVAILABLE
UBD_UNDO	E:\TEMP\UNDO_DB01.DBF	AVAILABLE
UBD_DATA	C:\ORACLE_12C\ORADATA \UBD_DATA.DBF	AVAILABLE
ABD_DATA1	G:\TEMP\ABD_DATA1.DBF	AVAILABLE
ABD_DATA1	G:\TEMP\ABD_DATA11_COPY.DBF	AVAILABLE
ABD_DATA2	G:\TEMP\ABD_DATA2.DBF	AVAILABLE

#### 7) Spatiu total alocat tablespace-urilor (aflate in starea online):

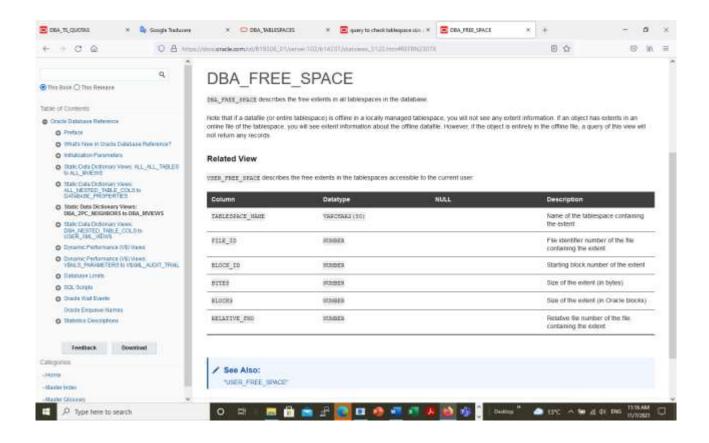
SQL> select tablespace\_name, sum(bytes)/1024/1024 tab\_size from dba\_data\_files group by tablespace\_name;

TABLESPACE_NAME	TAB_SIZE
UBD_DATA	50
SYSAUX	870
UNDOTBS1	1285
USERS	5
SYSTEM	800
ABD_DATA1	5
ABD_DATA2	5

#### 8) Spatiu liber disponibil in tablespace-uri:

SQL> desc dba\_free\_space;

Name	Null?	Type
TABLESPACE_NAME		VARCHAR2(30)
FILE_ID		NUMBER
BLOCK_ID		NUMBER
BYTES		NUMBER
BLOCKS		NUMBER
RELATIVE_FNO		NUMBER



- 9) Calcul spatiu liber in tablespace-uri (aflate in starea online):
- SQL> select tablespace\_name, round(sum(bytes)/1024/1024,2) tab\_free\_space from dba\_free\_space group by tablespace\_name;

TABLESPACE_NAME	TAB_FREE_SPACE
SYSAUX	111.19
UNDOTBS1	1252.63
USERS	3.13
SYSTEM	4.31
UBD_DATA	23.19
ABD_DATA1	4
ABD_DATA2	4

10) Calcul spatiu alocat si spatiu utilizat pentru tablespace-uri:

SQL> select b.tablespace\_name, b.tab\_size, a.tab\_free\_space from (select tablespace\_name, round(sum(bytes)/1024/1024,2) tab\_free\_space from dba\_free\_space group by tablespace\_name) a, (select tablespace\_name, sum(bytes)/1024/1024 tab\_size from dba\_data\_files

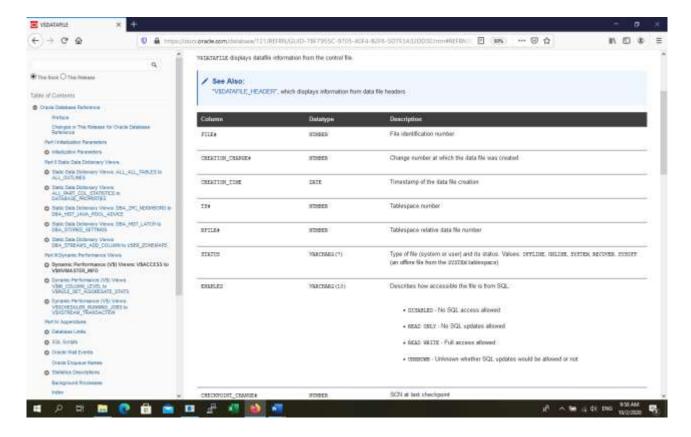
# group by tablespace\_name) b where a.tablespace\_name = b.tablespace\_name;

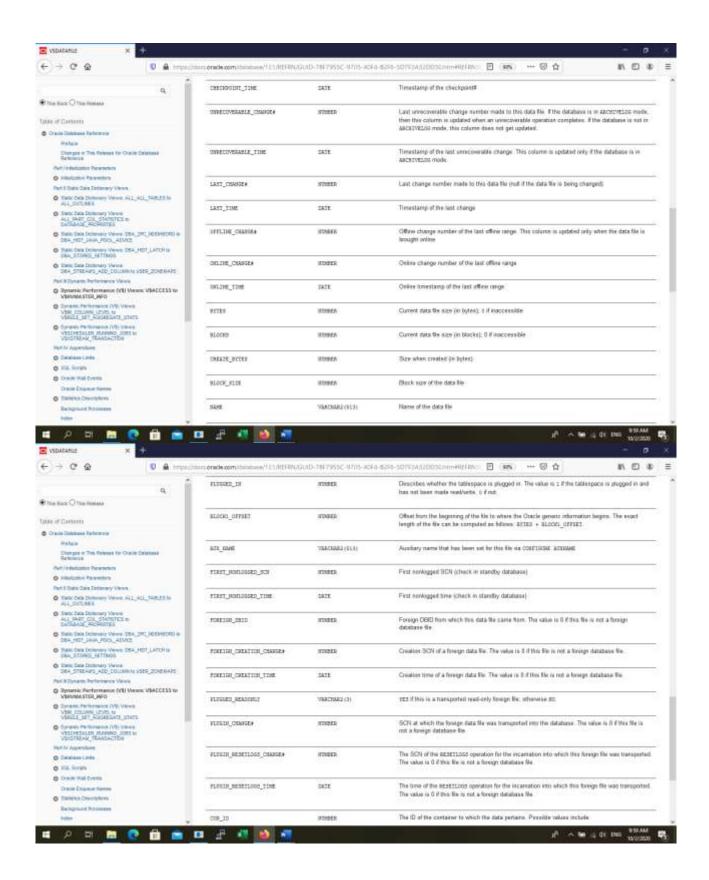
TABLESPACE_NAME	TAB_SIZE	TAB_FREE_SPACE
SYSAUX	870	110.19
UNDOTBS1	1285	1252.63
USERS	5	3.13
SYSTEM	800	4.31
UBD_DATA	50	23.19
ABD_DATA1	5	4
ABD_DATA2	5	4

## 11) Informatii despre fisierele de date asignate bazei de date:

## SQL> desc v\$datafile Name

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)
FIRST_NONLOGGED_SCN		NUMBER
FIRST_NONLOGGED_TIME		DATE
FOREIGN_DBID		NUMBER
FOREIGN_CREATION_CHANGE#		NUMBER
FOREIGN_CREATION_TIME		DATE
PLUGGED_READONLY		VARCHAR2(3)
PLUGIN_CHANGE#		NUMBER
PLUGIN_RESETLOGS_CHANGE#		NUMBER





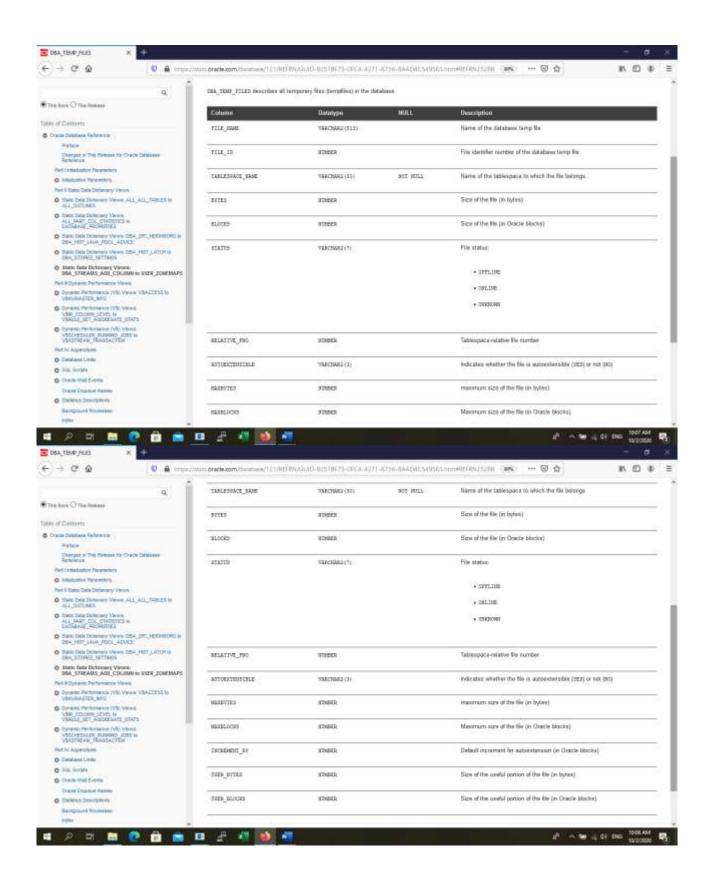
## SQL> select file#, name, creation\_time, status, enabled from v\$datafile;

FILE# NAME	CREATION_	STATUS ENABLED
1 C:\ORACLE 12C\ORADATA\BD\SYSTEM01.DBF	11-SEP-14	SYSTEM READ WRITE
3 C:\ORACLE_12C\ORADATA\BD\SYSAUX01.DBF	11-SEP-14	ONLINE READ WRITE
5 C:\ORACLE_12C\ORADATA\BD\UNDOTBS01.DBF	11-SEP-14	ONLINE READ WRITE
6 C:\ORACLE_12C\ORADATA\BD\USERS01.DBF	11-SEP-14	ONLINE READ WRITE
7 C:\ORACLE_12C\ORADATA\BD\EXAMPLE01.DBF	08-MAY-19	ONLINE READ WRITE
8 C:\ORACLE_12C\ORADATA\BD\BI_IAS_OPSS.DBF	02-AUG-19	ONLINE READ WRITE
9 C:\ORACLE_12C\ORADATA\BD\BI_UMS.DBF	02-AUG-19	ONLINE READ WRITE
10 C:\ORACLE_12C\ORADATA\BD\BI_MDS.DBF	02-AUG-19	ONLINE READ WRITE
11 C:\ORACLE_12C\ORADATA\BD\BI_IAU.DBF	02-AUG-19	ONLINE READ WRITE
12 C:\ORACLE_12C\ORADATA\BD\BI_BIPLATFORM.DBF	02-AUG-19	ONLINE READ WRITE
13 C:\ORACLE_12C\ORADATA\BD\BI_WLSSERVICES.DBF	02-AUG-19	ONLINE READ WRITE
14 C:\ORACLE_12C\ORADATA\BD\BI_SVCTBL.DBF	02-AUG-19	ONLINE READ WRITE
15 E:\TEMP\ UNDO_DB01.DBF	29-OCT-19	ONLINE READ WRITE
16 C:\ORACLE_12C\ORADATA\BD BD_DATA.DBF	02-OCT-21	ONLINE READ WRITE
17 G:\TEMP\ABD_DATA1.DBF	1-NOV-24	ONLINE READ WRITE
18 G:\TEMP\ABD_DATA12.DBF	1-NOV-24	ONLINE READ WRITE

## 12) Informatii despre fisierele de date temporare create pe baza de date:

SQL> desc dba_temp_files	
Name	Null?

Name	Null?	Type
FILE NAME		VARCHAR2(513)
FILE_ID		NUMBER
TABLESPACE_NAME		NOT NULL VARCHAR2(30)
BYTES		NUMBER
BLOCKS		NUMBER
STATUS		CHAR(9)
RELATIVE_FNO		NUMBER
AUTOEXTENSIBLE		VARCHAR2(3)
MAXBYTES		NUMBER
MAXBLOCKS		NUMBER
INCREMENT_BY		NUMBER
USER_BYTES		NUMBER
USER_BLOCKS		NUMBER

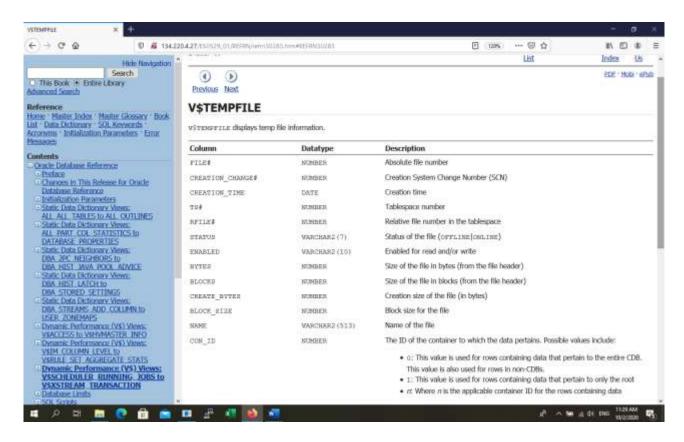


## SQL> select file\_name,tablespace\_name, status from dba\_temp\_files;

FILE_NAME	TABLESPACE_NAME	STATUS
C:\ORACLE_12C\ORADATA\BD\TEMP01.DBF	TEMP	ONLINE
C:\ORACLE_12C\ORADATA\BD\BI_IASTEMP.DBF	BI_IAS_TEMP	ONLINE
C:\ORACLE 12C\ORADATA\BD\BD TEMP.DBF	BD_TEMP	ONLINE

## 13) Informatii despre fisierele temporare create pe baza de date (preluate din view):

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)
CON_ID		NUMBER



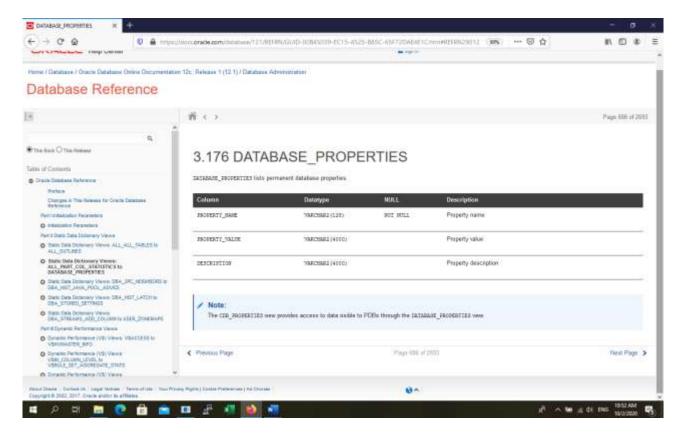
SQL> select file#, name, creation\_time, status from v\$tempfile;

FILE# NAME	CREATION_	STATUS
1 C:\ORACLE_12C\ORADATA\BD\TEMP01.DBF	08-MAY-19	ONLINE
2 C:\ORACLE_12C\ORADATA\BD\BI_IASTEMP.DBF	02-AUG-19	ONLINE
3 C:\ORACLE_12C\ORADATA\BD\BD_TEMP.DBF	02-DEC-19	ONLINE

14) Informatii despre parametrii bazei de date:

#### SQL> desc database\_properties;

Name	Null?	Type
PROPERTY_NAME PROPERTY_VALUE	NOT NULL	VARCHAR2(30) VARCHAR2(4000)
DESCRIPTION		VARCHAR2(4000)



SQL> select \* from database\_properties;

PROPERTY_NAME	PROPERTY_VALU	JE DESCRIPTION
DICT.BASE	2	dictionary base tables version #
DEFAULT_TEMP_TABLESPACE	TEMP	Name of default temporary tablespace
DEFAULT_PERMANENT_TABLESP	ACE USERS	Name of default permanent tablespace
DEFAULT_EDITION	ORA\$BASE	Name of the database default edition
Flashback Timestamp TimeZone	GMT	Flashback timestamp created in GMT
TDE_MASTER_KEY_ID		
DEFAULT_TBS_TYPE	<b>SMALLFILE</b>	Default tablespace type
GLOBAL_DB_NAME	BD	Global database name
NLS_RDBMS_VERSION	12.1.0.2.0	RDBMS version for NLS parameters
NLS_NCHAR_CHARACTERSET	AL16UTF16	NCHAR Character set
NLS_NCHAR_CONV_EXCP	FALSE	NLS conversion exception
NLS_LENGTH_SEMANTICS	BYTE	NLS length semantics
NLS_COMP	BINARY	NLS comparison
NLS_DUAL_CURRENCY	\$	Dual currency symbol
NLS_TIMESTAMP_TZ_FORMAT	DD-MON-RR HH.MI.S	SSXFF AM TZR Timestamp with timezone format
NLS_TIME_TZ_FORMAT	HH.MI.SSXFF AM TZ	ZR Time with timezone format
NLS_TIMESTAMP_FORMAT	DD-MON-RR HH.MI.S	SSXFF AM Time stamp format
NLS_TIME_FORMAT	HH.MI.SSXFF AM	Time format
NLS_SORT	BINARY	Linguistic definition
NLS_DATE_LANGUAGE	AMERICAN	Date language
NLS_DATE_FORMAT	DD-MON-RR	Date format
NLS_CALENDAR	GREGORIAN	Calendar system
NLS_CHARACTERSET	WE8MSWIN1252	Character set
NLS_NUMERIC_CHARACTERS	.,	Numeric characters

NLS_ISO_CURRENCY	AMERICA	ISO currency
NLS_CURRENCY	\$	Local currency
NLS_TERRITORY	<b>AMERICA</b>	Territory
NLS_LANGUAGE	<b>AMERICAN</b>	Language
DST_SECONDARY_TT_VERSIO	N 0	Version of secondary timezone data file
DST_PRIMARY_TT_VERSION	18	Version of primary timezone data file
DST_UPGRADE_STATE	NONE	State of Day Light Saving Time Upgrade
MAX_STRING_SIZE	STANDARD_MAX	_STRING_SIZE paramter used for dictionary metadata
EXPORT_VIEWS_VERSION	8	Export views revision #
WORKLOAD_CAPTURE_MODE		CAPTURE implies workload capture is in progress
WORKLOAD_REPLAY_MODE		PREPARE implies external replay clients can connect;
		REPLAY implies workload replay is in progress
NO_USERID_VERIFIER_SALT		79F6374D9E33A4DF86E3D6BEE0F376EF
OLS_OID_STATUS	0	OLS OID Status used for Label Security
DBTIMEZONE	00:00	DB time zone

#### 15) Informatii despre tablespace-urile alocate userilor creati pe baza de date:

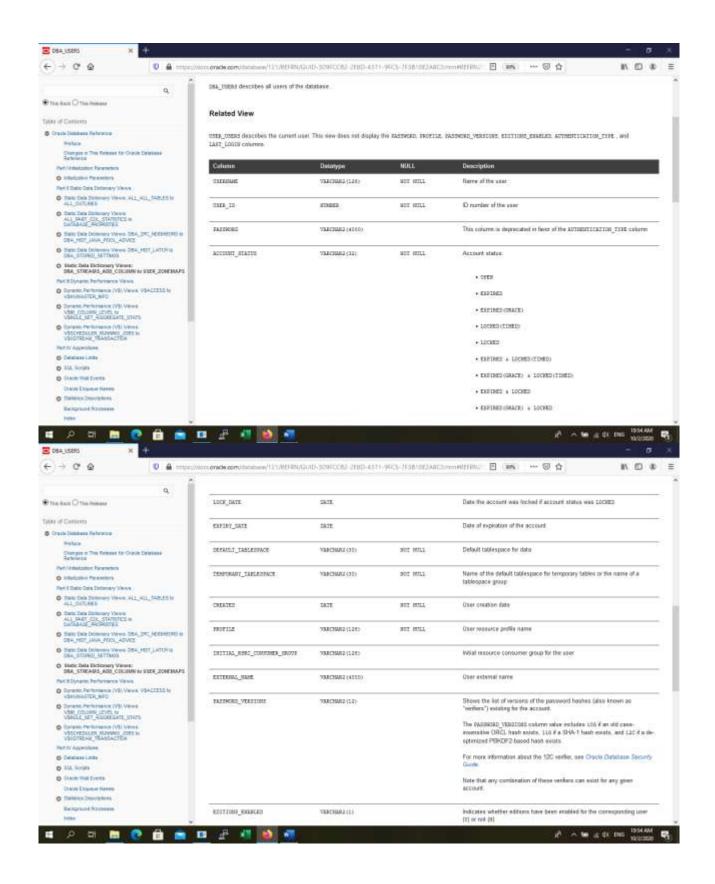
SQL> desc dba_users Name	Null?	Type
USERNAME	NOT NULL	VARCHAR2(128)
USER_ID	NOT NULL	NUMBER
PASSWORD		VARCHAR2(4000)
ACCOUNT_STATUS	NOT NULL	VARCHAR2(32)
LOCK_DATE		DATE
EXPIRY_DATE		DATE
DEFAULT_TABLESPACE	NOT NULL	VARCHAR2(30)
TEMPORARY_TABLESPACE	NOT NULL	VARCHAR2(30)
CREATED	NOT NULL	DATE
PROFILE	NOT NULL	VARCHAR2(128)
INITIAL_RSRC_CONSUMER_GROUP		VARCHAR2(128)
EXTERNAL_NAME		VARCHAR2(4000)
PASSWORD_VERSIONS		VARCHAR2(12)
EDITIONS_ENABLED		VARCHAR2(1)
AUTHENTICATION_TYPE		VARCHAR2(8)
PROXY_ONLY_CONNECT		VARCHAR2(1)
COMMON		VARCHAR2(3)

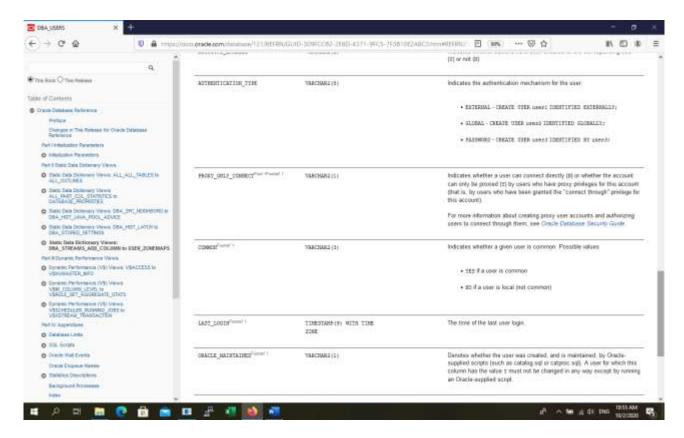
TIMESTAMP(9) WITH TIME ZONE

VARCHAR2(1)

LAST\_LOGIN

ORACLE\_MAINTAINED



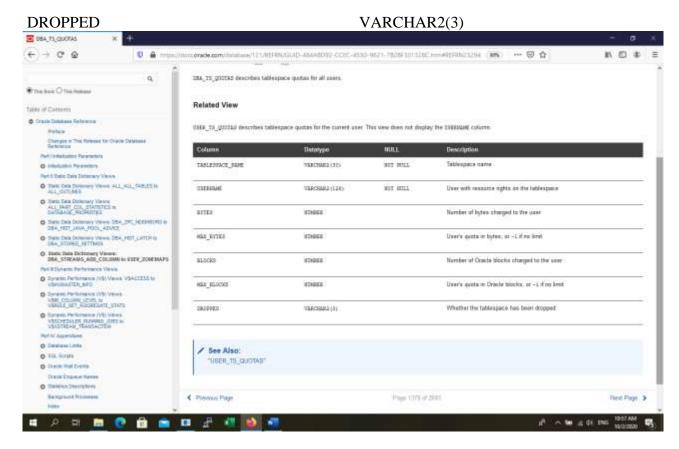


SQL> select username, default\_tablespace, temporary\_tablespace from dba\_users;

USERNAME	DEFAULT_TABLESPACE	TEMPORARY_TABLESPACE
SCOTT	USERS	TEMP
BI	USERS	TEMP
SH	USERS	TEMP
OE	USERS	TEMP
HR	USERS	TEMP
TEST	BD_DATA	BD_TEMP
ABD1	BD_DATA	BD_TEMP
ABD2	BD_DATA	BD_TEMP

16) Informatii despre spatiul alocat si spatiul utilizat de catre useri in tablespace-uri:

SQL> desc dba_ts_quotas Name	Null?	Туре	_
TABLESPACE_NAME USERNAME BYTES MAX_BYTES BLOCKS MAX_BLOCKS	NOT NULL NOT NULL	VARCHAR2(30) VARCHAR2(30) NUMBER NUMBER NUMBER NUMBER NUMBER	



SQL> select tablespace\_name, username, max\_bytes, bytes from dba\_ts\_quotas;

TABLESPACE_NAME	USERNAME	MAX_BYTES	BYTES
DI WII C	DI WI C DINTENTE		121072
BI_WLS	BI_WLS_RUNTIME	-1	131072
BI_WLS	BI_WLS	-1	131072
SYSAUX	AUDSYS	-1	1572864
BI_IAS_OPSS	BI_OPSS	-1	58720256
SYSAUX	GSMADMIN_INTERNAL	104857600	1441792
EXAMPLE	OE	-1	10420224
BI_MDS	BI_MDS	-1	17498112
SYSAUX	FLOWS_FILES	-1	0
SYSAUX	APPQOSSYS	-1	0
BI_STB	BI_STB	-1	917504
BI_IAS_UMS	BI_UMS	-1	7471104
SYSAUX	OLAPSYS	-1	0
BD_DATA	TEST2	10485760	0
BD_DATA	ABD1	5242880	2752512
BD_DATA	ABD2	5242880	5152516

17) Informatii despre userul curent:

#### SQL> desc user\_users

Name	Null?	Type
USERNAME	NOT NULL	VARCHAR2(128)
USER_ID	NOT NULL	NUMBER
ACCOUNT_STATUS	NOT NULL	VARCHAR2(32)
LOCK_DATE		DATE
EXPIRY_DATE		DATE
DEFAULT_TABLESPACE	NOT NULL	VARCHAR2(30)
TEMPORARY_TABLESPACE	NOT NULL	VARCHAR2(30)
CREATED	NOT NULL	DATE
INITIAL_RSRC_CONSUMER_GROUP		VARCHAR2(128)
EXTERNAL_NAME		VARCHAR2(4000)
PROXY_ONLY_CONNECT		VARCHAR2(1)
COMMON		VARCHAR2(3)
ORACLE_MAINTAINED		VARCHAR2

SQL> select user\_id, username, created, lock\_date from user\_users;

USERNAME	CREATED	LOCK_DATE
SCOTT	08-MAY-19	
ABD1	02-OCT- 21	
ABD2	02-OCT- 21	
	ABD1	SCOTT 08-MAY-19 ABD1 02-OCT- 21

18) Crearea unui tablespace temporar:

SQL> create temporary tablespace abd\_temp1 tempfile 'g:\temp\abd\_temp1.dbf' size 5M extent management local uniform size 2M; Tablespace created.

19) Setare tablespace temporar ca default:

SQL> alter database default temporary tablespace temp; Database altered.

20) Verificare in dictionar ce tablespace temporar este setat ca default:

SQL> select \* from database\_properties where property\_name = 'DEFAULT\_TEMP\_TABLESPACE';

PROPERTY_NAME	PROPERTY_VALUE	DESCRIPTION
DEFAULT_TEMP_TABLESPACE	TEMP	Name of default temporary tablespace

21) Schimbare stare tablespace permanent (online) ca READ ONLY:

SQL> alter tablespace abd\_data2 read only;

Tablespace altered.

Verificare:

SQL> select tablespace\_name,block\_size,status from dba\_tablespaces where tablespace\_name ='ABD\_DATA2';

22) Schimbare stare tablespace permanent ca READ WRITE:

SQL> alter tablespace abd\_data2 read write; Tablespace altered.

Verificare:

SQL> select tablespace\_name,block\_size,status from dba\_tablespaces where tablespace\_name ='ABD\_DATA2';

23) Verificare in dictionar starea unui tablespace:

SQL> select tablespace\_name, status from dba\_tablespaces where tablespace\_name = 'BD DATA';

TABLESPACE\_NAME STATUS
----BD\_DATA ONLINE

24) Schimbare stare tablespace permanent ca OFFLINE/ONLINE:

SQL> alter tablespace abd\_data2 offline; Tablespace altered.

Verificare:

SQL> select tablespace\_name, status from dba\_tablespaces where tablespace\_name='ABD\_DATA2';

TABLESPACE\_NAME STATUS
----ABD DATA2 OFFLINE

Obs. In starea offline se trece numai din starea online( nu din read only).

SQL> alter tablespace abd\_data2 online; Tablespace altered.

25) Redenumirea/mutarea unui fisier de date asignat tablespace-lui (tablespace offline, fisier destinatie existent):

SQL> alter tablespace abd\_data1 offline;

SQL> alter tablespace abd\_data1 rename datafile 'g:/temp/abd\_data11.dbf' to

'g:/temp/abd\_data11\_copy.dbf';

Tablespace altered.

Obs: Fisierul abd\_data11\_copy.dbf este o copie a lui abd\_data11.dbf facuta in prealabil in SO.

Verificare in dictionar:

SQL> select tablespace\_name, status, online\_status, file\_name from dba\_data\_files;

TABLESPACE\_NAME STATUS ONLINE\_

-----

FILE NAME

-----

SYSTEM AVAILABLE SYSTEM

C:\ORACLE 21C\ORADATA\ORA21C\SYSTEM01.DBF

SYSAUX AVAILABLE ONLINE

C:\ORACLE\_21C\ORADATA\ORA21C\SYSAUX01.DBF

UNDOTBS1 AVAILABLE ONLINE

C:\ORACLE\_21C\ORADATA\ORA21C\UNDOTBS01.DBF

USERS AVAILABLE ONLINE

C:\ORACLE\_21C\ORADATA\ORA21C\USERS01.DBF

BD DATA AVAILABLE ONLINE

C:\ORACLE\_21C\ORADATA\ORA21C\BD\_DATA.DBF

ABD DATA1 AVAILABLE OFFLINE

G:\TEMP\ABD\_DATA1.DBF

ABD\_DATA1 AVAILABLE OFFLINE

G:\TEMP\ABD DATA11 COPY.DBF

ABD DATA2 AVAILABLE OFFLINE

G:\TEMP\ABD\_DATA2.DBF

Obs. Dupa restartarea bazei de date fisierul initial nu mai este asignat si poate fi sters din SO. Daca se sterge inainte de restartarea bazei de date este posibil ca baza de date sa nu porneasca!

26) Mutare/redenumire fisier de date asignat unui database:

SQL> alter database rename file 'g:\temp\abd\_data11\_copy.dbf' to 'g:\temp\abd\_data11.dbf';

#### Obs:

- Baza de date trebuie sa fie in starea MOUNT/OPEN:
- Fisierul destinatie trebuie sa existe fizic;
- Dupa redenumire fisierul initial poate fi sters din SO, fara restartarea bazei de date.
- 27) Crearea unui tablespace de tip undo:

SQL> create undo tablespace ubd\_undo1 datafile 'e:\temp\ubd\_undo1.dbf' size 10M; Tablespace created.

28) Stergerea unui fisier de date asignat la un tablespace (online):

SQL> alter tablespace abd\_data1 drop datafile 'g:/temp/abd\_data11.dbf';

Obs: Daca se incearca sa se stearga fisierul abd\_data11\_copy.dbf (care a fost redenumit in abd\_data11.dbf') se va genera o eroare deoarece nu mai este asignat la tablespace.

SQL> alter tablespace abd data1 drop datafile 'g:/temp/abd\_data11\_copy.dbf';

alter tablespace abd\_data1 drop datafile 'g:/temp/abd\_data11\_copy.dbf'

#### ERROR at line 1:

ORA-01565: error in identifying file 'g:/temp/abd\_data11\_copy.dbf'

Obs: Trebuie ca fisierul sters sa nu fie singurul assignat la tablespace(sau primul), altfel se genereaza eroare:

SQL> alter tablespace abd\_data2 drop datafile 'g:/temp/abd\_data2.dbf';

#### ERROR at line 1:

ORA-03261: the tablespace UBD\_DATA2 has only one file

29) Stergerea din dictionar a unui fisier temporar asignat unui tablespace( trebuie sa nu fie singurul asignat):

SQL> alter tablespace abd\_temp1 drop tempfile 'g:\temp\abd\_temp1.dbf';

30) Stergerea din dictionar a unui fisier temporar asignat unui database:

SQL> alter database tempfile 'g:\temp\abd\_temp1.dbf' drop including datafiles; Database altered.

31) Stergerea din dictionar a unui tablespace permanent(inclusiv fisierele de date asignate):

SQL> drop tablespace abd\_data1 including contents and datafiles; Tablespace dropped.

32) Stergerea din dictionar a unui tablespace temporar(inclusiv fisierele temporare asignate):

SQL> drop tablespace abd\_temp1 including contents; Tablespace dropped.

#### Verificare:

SQL> select tablespace\_name from dba\_tablespaces;

SQL> select tablespace\_name, file\_name, status from dba\_data\_files;

SQL> select tablespace\_name,file\_name,status from dba\_temp\_files;