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Q: How to get help

For example: ORA-01659

#> oerr ora 1659

For example: IMP-00032

#> oerr imp 32

Q: ?? udump ??????? trc log ???????????

?? trc log ?????????????? lsof ??

lsof | grep deleted

or

lsof +L1

```
oracle 2086 oracle 7u REG 252,2 0 0 154946 /opt/oracle/product/10.2.0/db_1/dbs/lkinstoddfdc
(deleted)
oracle 2108 oracle 5w REG 252,5 725 0 32796 /opt/oracle/admin/oddfdc/udump/
oddfdc_ora_2051.trc (deleted)
oracle 2108 oracle 7u REG 252,2 0 0 154946 /opt/oracle/product/10.2.0/db_1/dbs/lkinstoddfdc
(deleted)
oracle 14600 oracle 5w REG 252,5 725 0 32796 /opt/oracle/admin/oddfdc/udump/
oddfdc_ora_2051.trc (deleted)
oracle 14600 oracle 7u REG 252,2 0 0 154946 /opt/oracle/product/10.2.0/db_1/dbs/lkinstoddfdc
(deleted)
oracle 20307 oracle 5w REG 252,5 2447898873 0 69138 /opt/oracle/admin/oddfdc/udump/
oddfdc_ora_20307.trc (deleted)
```

???

???)

- <https://fatdba.com/2015/03/09/file-i...esystem-linux/>
- <https://dba.stackexchange.com/questi...-on-oracle-11g>
- <http://dbakevin.blogspot.com/2012/02...m-command.html>

```
#> cd /proc/20307/fd
```

```
#> ls -ltr
```

```
total 0
```

```
lr-x----- 1 oracle dba 64 Jun 25 09:00 9 -> /opt/oracle/product/10.2.0/db_1/rdbms/mesg/oraus.msb
lr-x----- 1 oracle dba 64 Jun 25 09:00 8 -> /opt/oracle/product/10.2.0/db_1/rdbms/mesg/oraus.msb
lr-x----- 1 oracle dba 64 Jun 25 09:00 7 -> /dev/zero
lr-x----- 1 oracle dba 64 Jun 25 09:00 6 -> /dev/null
l-wx----- 1 oracle dba 64 Jun 25 09:00 5 -> /opt/oracle/admin/oddfdc/udump/oddfdc_ora_20307.trc
(deleted)
lr-x----- 1 oracle dba 64 Jun 25 09:00 4 -> /dev/null
lr-x----- 1 oracle dba 64 Jun 25 09:00 3 -> /dev/null
lrwx----- 1 oracle dba 64 Jun 25 09:00 2 -> /dev/null
lrwx----- 1 oracle dba 64 Jun 25 09:00 12 -> socket:[156468667]
lrwx----- 1 oracle dba 64 Jun 25 09:00 1 -> /dev/null
lrwx----- 1 oracle dba 64 Jun 25 09:00 0 -> /dev/null
```

```
#> cat /dev/null > 5
```

?

DB ????

Q:[ORA-00108] failed to set up dispatcher to accept connection asynchronously

???????????????? * .trc ??? /opt/oracle/admin/sid/bdump

????? /etc/hosts ? hostname ???????????????

Q:????? c-* ? \$ORACLE_HOME/dbs ???????????????

?????:

[root@tangodb oracle]# ls -l /opt/oracle/product/9.2/dbs | more

total 16547624

```
-rw-r----- 1 oracle oinstall 2211840 Jan 1 2012 c-511617224-20120101-04
-rw-r----- 1 oracle oinstall 2211840 Jan 1 2012 c-511617224-20120101-05
-rw-r----- 1 oracle oinstall 2211840 Jan 1 2012 c-511617224-20120101-06
-rw-r----- 1 oracle oinstall 2211840 Jan 1 2012 c-511617224-20120101-07
-rw-r----- 1 oracle oinstall 2211840 Jan 2 2012 c-511617224-20120102-00
-rw-r----- 1 oracle oinstall 2211840 Jan 2 2012 c-511617224-20120102-01
-rw-r----- 1 oracle oinstall 2211840 Jan 2 2012 c-511617224-20120102-02
-rw-r----- 1 oracle oinstall 2211840 Jan 2 2012 c-511617224-20120102-03
-rw-r----- 1 oracle oinstall 2211840 Jan 2 2012 c-511617224-20120102-04
-rw-r----- 1 oracle oinstall 2211840 Jan 2 2012 c-511617224-20120102-05
-rw-r----- 1 oracle oinstall 2211840 Jan 2 2012 c-511617224-20120102-06
-rw-r----- 1 oracle oinstall 2211840 Jan 2 2012 c-511617224-20120102-07
```

...

??:

- ????????? RMAN ???????? "controlfile autobackup" ???
- ??????????
- ??? RAM ???
 - ? RMAN> show all;
 - ? RMAN> configure controlfile autobackup off ;
 - ? RMAN> show controlfile autobackup;
- ????
- ? <http://mahi-viva.blogspot.tw/2012/12...lehomedbs.html>
- ? <http://comments.gmane.org/gmane.comp...general/14441>

Q:[EXP-00091] Exporting questionable statistics.

???????????????? DB ??????

```
#> export NLS_LANG=AMERICAN_AMERICA.AL32UTF8
```

????? exp

Q:[ORA-01031] insufficient privileges

DB ????????????????? OEM ?? SYS ?????????????????

???

????????

SQL> select * from v\$pwfile_users;

USERNAME	SYSDB	SYSOP

SYS	TRUE	TRUE <=== ?????

\$> ls \$ORACLE_HOME/dbs

??? orapw<SID> ???

??/? SYS ???

\$> \$ORACLE_HOME/bin/orapwd file=\$ORACLE_HOME/dbs/orapwoddfdc password='oracle' force=y

Q:DB ?????????? sqlplus ????

???????????? DB

\$ sqlplus -prelim "/ as sysdba"

SQL> shutdown abort

Q:EXP-00056: ORACLE error 1555 encountered

???? Table ??????

EXP-00056: ORACLE error 1555 encountered

ORA-01555: snapshot too old: rollback segment number "" too small

? Table ??? CLOB type?

?? UNDO ??

SQL> show parameter undo

NAME	TYPE	VALUE

undo_management	string	AUTO
undo_retention	integer	900
undo_tablespace	string	UNDOTBS1

Solution?

1. ?????????????? Table?
2. ?? UNDO Tablespace ????

3. ?? undo_retention (?) ???

NOTE:

?? #1 ????????? #2

?? #2 ????????? #3

?????

- Metalink Note 787004.1.
<https://oraclehandson.wordpress.com/...5-encountered/>
- <https://community.oracle.com/message/9485272>
- <https://community.oracle.com/thread/...art=0&tstart=0>
- <http://blog.csdn.net/yuzhenhuan01/ar...etails/5575946>
- https://tamimdba.wordpress.com/tag/undo_retention/
- [Managing the Undo Tablespace](#)
- LOB ????????
? <http://tradow.blog.163.com/blog/stat...1292693545826/>

Q:[IMP-00041] Warning: object created with compilation warnings ? Invalid Object
????????????????????

IMP-00041: Warning: object created with compilation warnings
"CREATE FORCE VIEW "WIN_FDC_STDB"."PROCSPECIAL_700464"
....

???? OEM GUI > Schema > Views

???????????? Invalid
Invalid Object (View, Package, Trigger,...)

????????????????????????????????????

IMP-00041: Warning: object created with compilation warnings
"CREATE FORCE VIEW

??

IMP-00041: Warning: object created with compilation warnings
"CREATE TRIGGER

Ans???????????? Invalid ???

?? Invalid ??

```
COL owner FORMAT A20
COL object_type FORMAT A10
COL object_name FORMAT A30
SELECT owner,
       object_type,
       object_name,
       status
FROM dba_objects
WHERE status = 'INVALID'
ORDER BY owner, object_type, object_name;
```

a.????????????? WIN_FDC_STDB.PROCSPECIAL_700464

```
SQL> alter view WIN_FDC_STDB.PROCSPECIAL_700464 compile;
```

NOTE: alter <object-type> <object-name> compile;

????????????????? OEM GUI ?????????? **Valid?**

b.?????????

?? utlrp.sql & utlprp.sql

```
SQL> @?/rdbms/admin/utlrp.sql
```

c.???? Schema ?????

```
SQL> connect system/yourpass
SQL> exec dbms_utility.compile_schema('SCOTT');
```

TIP:

?? dbms_utility.compile_schema ????? system ??????????????

ORA-24237: object id argument passed to DBMS_UTILITY.INVALIDATE is not legal

??? <http://www.oracle-base.com/articles/...ma-objects.php>

Q:[ORA-00942] table or view does not exist???? Table Name

Table Name ?????????????? SQL ??????????

Ans??? Table Name ??????????????????????????????

????Table ????

```
SQL> select count(*) from CATEGORYDEF_copy;
select count(*) from CATEGORYDEF_copy
```

*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> select count(*) from "CATEGORYDEF_copy";

COUNT(*)

0

??????/?? Tables ??? parfile ??????????

directory=dmp_dir

dumpfile=exp_WIN_FDC_STDB_small_tables.dmp

logfile=exp_WIN_FDC_STDB_small_tables.log

tables=\"WIN_FDC_STDB\".\"CATEGORYDEF_copy\"

Q: ??????????? OEM UI ??? all_tables ??? num_nows?????????????????

Ans?

SQL> exec dbms_stats.gather_schema_stats('schema-name', cascade=>TRUE);

Q:ORA-06502: PL/SQL: numeric or value error: character string buffer too small

Ans?????????????

var tbs_source varchar2;

??

var tbs_source varchar2(100);

Q:[SP2-1503] ??? Oracle ???

? Oracle Enterprise Manager(OEM) ??? Windows 7 ??????? **Administrator** ??? OEM ??????????????OEM ??????

???????? CMD ??? sqlplus ??????????

?????

1. ?????????
2. ??? > ?????? > ?????? > ?????? > ??? > ?????? > ??????
???? OEM ??????

Q:[ORA-29339] tablespace block size 16384 does not match configured block sizes

?? Tablespace?? BLOCKSIZE=16M ??????????

Ans: ??????????? db_16k_cache_size?DB ????

SQL> alter system set db_16k_cache_size=16M scope=both;

Q:[ORA-04031] unable to allocate 4032 bytes of shared memory

Ans:

1. ?????? ASMM?Automatic Shared Memory Management????????? ASMM?
2. ????? spfile?
3. ???? SGA_MAX_SIZE, SGA_TARGET?
4. ???? size????????? shared memory?
5. ??? DB

?????? ASMM

SQL> show parameters statistics_level
VALUE = TYPICAL

SQL> show parameters sga_target
VALUE > 0

SQL> show parameters shared_pool_size
VALUE = 0

SQL> show parameters db_cache_size
VALUE = 0

?????? shared memory

\$ ipcs -lm

```
----- Shared Memory Limits -----
max number of segments = 4096
max seg size (kbytes) = 3145728
max total shared memory (kbytes) = 3670016
min seg size (bytes) = 1
```

TIPS:

?? DB Instances ? sga_target ?????? max total shared memory????????????????? DB ????????????????

ORA-27102: out of memory
Linux-x86_64 Error: 28: No space left on device

??? max total shared memory????? /etc/sysctl.conf

kernel.shmall = XXXX

?????? page???? page size ? 4096 byte???? kernel.shmmni

?? DB ????

--Backup old spfile first

show parameters spfile

CREATE pfile='/path/to/pfile.tmp' FROM spfile='/path/to/spfile.ora'

CREATE spfile='/path/to/spfile.ora.20140313' FROM pfile='/path/to/pfile.tmp'

alter system set sga_max_size=4096M scope=spfile;

alter system set sga_target=4096M scope=spfile;

shutdown immediate;

startup;

- [How to calculate the minimum size of the SHARED POOL in ORACLE 10g](#)
- [Shared pool size \(need to increase\)](#)
- [\[Oracle\] ???ORA-04031 ??](#)
- <https://sites.google.com/site/oracle...hoot/ora-04031>
- [Sharing Memory-Automatically](#)

Q:[ORA-39082] ?? impdp ?????????????? log ??????????

ORA-39082: Object type VIEW:"WINSTDB"."V_PROCDEF_FDS_700464" created with compilation warnings

Ans: ????????? source-owner ? target-owner ?????????????????????? remap?????? VIEW ????????? source-owner ????????? remap??? VIEW ??

Solution: ??? log ?????? VIEW ?????????? GUI ?? VIEW????????? VIEW ?????? invalid????????? VIEW ?????? OWNER ?? source ?????????? SQL ?????????? VIEW?

?? VIEW:

```
SQL> create or replace view WINSTDB.V_PROCDEF_FDS_700397 as
SELECT "SYSID","VARIABLENAME","DEFTABLE","DEFFIELD","COLLAPSABLE"
FROM
(
SELECT 'MAT03__FDS' AS SYSID FROM DUAL
) IDT,
(
SELECT *
FROM WINSTDB.PROCDEF_FDS_700397
WHERE VARIABLENAME NOT IN ('Step', 'StepLabel', 'Message')
) VART;
```

SQL> alter view WINSTDB.V_PROCDEF_FDS_700397 compile;

???????? status ??? INVALID?

SQL> select OWNER,OBJECT_NAME,OBJECT_TYPE,STATUS from all_objects where status='INVALID';

??????????

SQL> ALTER PACKAGE <SchemaName>.<PackageName> COMPILE;
 SQL> ALTER PACKAGE <SchemaName>.<PackageName> COMPILE BODY;
 SQL> ALTER PROCEDURE my_procedure COMPILE;
 SQL> ALTER FUNCTION my_function COMPILE;
 SQL> ALTER TRIGGER my_trigger COMPILE;
 SQL> ALTER VIEW my_view COMPILE;

Q:[ORA-39083] ?? impdp ?????????????????????? hang ??

Ans: ?????????????????????? hang ??

ORA-39083: Object type INDEX_STATISTICS failed to create with error

- <https://community.oracle.com/thread/2412962?tstart=0>
- <https://community.oracle.com/thread/403886>
- <http://neeraj-dba.blogspot.tw/2011/1...tatistics.html>

Solution:

????impdp ?? EXCLUDE=statistics

\$ impdp system SCHEMAS=<source-owner> REMAP_SCHEMA=<source-owner>:<target-owner>
 table_exists_action=replace DIRECTORY=dmp_dir DUMPFILE=expdp_SOURCE_OWNER.dmp
 LOGFILE=impdp_TARGET_OWNER.log EXCLUDE=statistics

\$ sqlplus / as sysdba

SQL> exec dbms_stats.gather_schema_stats('<target-owner>');

Q: ?? OEM UI ?? datafile ?????? Tablespace???????

Ans: ? OEM UI?Java????????? datafile?????????????

SQL> alter tablespace <tablespace-name> drop datafile '/opt/oracle/oradata/win/STDB03.dbf';

Q: ?? User ??DB ?? hang ??? CPU ?????

Ans: ???????

1. ???????
2. ???????
3. ??? User ?????? Tabs?View?????

4. ??????? User

```
??? SQL/PLUS ??????????????????????
```

```
$sqlplus -prelim "/ as sysdba"
SQL> shutdown abort
```

```
?? User ??????
```

```
set heading off
set pages 0
set feedback off
set echo off
spool ./drop_MYUSER.sql
select 'drop table MYUSER.'||table_name||';' from dba_tables where owner='MYUSER';
```

```
spool off
```

```
?? User
```

```
drop user USER CASCADE;
```

Q: IMP-00032: SQL statement exceeded buffer length

Ans: Add a option *buffer=1000000* in the import command

```
#> imp system/oracle buffer=1000000 .....
```

If it's still not working, try to find out the proper value of the SQL_LENGTH with the following command:

In the source DB you need to run

```
SQL> select dbms_lob.getlength (dbms_metadata.get_ddl('TABLE','<table-name>','<owner-name>'))
"SQL_LENGTH" from dual;
```

```
SQL_LENGTH
-----
71203
```

NOTE: the table name can be one of the tables failed on import.

Q: ORA-01659: unable to allocate MINEXTENTS beyond 1in tablespace XXX

Ans: Solution

1. Extend the datafile in the tablespace
2. Extend the datafile in the temporary tablespace

3. Re-export the dump file from the source DB and enable the option *compress=n*.