World of DBA

Tuning Advisory

SET SERVEROUTPUT ON

declare

stmt\_task VARCHAR2(40);

begin

stmt\_task := DBMS\_SQLTUNE.CREATE\_TUNING\_TASK(sql\_id => '5tru8vxmktswq');

DBMS\_OUTPUT.put\_line('task\_id: ' || stmt\_task );

end;

/

task\_id: TASK\_69287

2. Run the SQL TUNING TASK

begin

DBMS\_SQLTUNE.EXECUTE\_TUNING\_TASK(task\_name => 'TASK\_69287');

end;

/

3. SELECT DBMS\_SQLTUNE.REPORT\_TUNING\_TASK('TASK\_69287') AS recommendations FROM dual;

4. When the task has a status=COMPLETED, then run:

SELECT DBMS\_SQLTUNE.REPORT\_TUNING\_TASK('TASK\_69287') AS recommendations FROM dual;

5. Examine the recommendations from Oracle, in case you agree, then accept the best SQL profile.

begin

DBMS\_SQLTUNE.ACCEPT\_SQL\_PROFILE(task\_name => 'TASK\_69287', task\_owner => 'SYSTEM', replace => TRUE);

end;

/

\*\*\*\*\*\*\*\*\*\*\*Resolution Details\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Database :apexpfd1 Time:0:45

Action taken:- User mgmt

Exec Date:-25-02

Shutdown OEM:

. sid OMA

Emctl stop agent

Start OEM:

. sid OMA

Emctl start agent

Change archive log location: ALTER SYSTEM SET log\_archive\_dest\_1='location="/SPL\_RPT/u002/oradata/QR69/arch1", VALID\_FOR=(all\_logfiles,all\_roles)' SCOPE=BOTH;

\*\*\*\*\*\*\*\*Telephone Operator\*\*\*\*\*\*\*\*

\*90

TNSNAMES.ora

\\CILXSWPDCED01\netlogon\oracle\

\*\*\*\*\*\*\*\*\*SOX COMMANDS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SELECT USERNAME FROM DBA\_USERS WHERE USERNAME LIKE '%SOX%';

Exec sox\_user.log\_ticket\_details\_pg.log\_ticket\_details\_pr('1188835','KL421');

Exec SOX\_OWNER.log\_ticket\_details\_pg.log\_ticket\_details\_pr('1189014','MN946');

Exec SOX\_INTG\_USR.log\_ticket\_details\_pg.log\_ticket\_details\_pr('INC000001629833','EMAIL');

Exec SOX\_TRIG\_USER.log\_ticket\_details\_pg.log\_ticket\_details\_pr('INC000001771728','MR937');

update SOX\_OWNER.SOX\_DDL\_CHANGE\_LOG set TICKET\_NO=INC000001588608,REQUESTOR\_ID='LF501', REMARKS ='Approved

Object Changes'

where trunc(DDL\_DATE)='06-JAN-2015' and REMARKS ='Unauthorized Change ...Investigate ...!!!' and os\_user\_name

in ('KX460','kx460','SDS\_BMS');

\*\*\*\*\*\*\*\*CHECK TABLESPACE OF TABLES\*\*\*\*\*\*\*\*\*\*\*\*\*\*

select owner, table\_name,tablespace\_name from dba\_tables where table\_name='SCP\_CSE\_BOF\_DMD';

\*\*\*\*\*\*\*\*\*Check size of table\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SELECT segment\_name table\_name,sum(bytes)/(1024\*1024) table\_size FROM DBA\_SEGMENTS WHERE SEGMENT\_NAME = 'OPL\_WEB\_SESSION' AND SEGMENT\_TYPE = 'TABLE' group by segment\_name;

\*\*\*\*\*\*\*\*\*Check size of database\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SELECT SUM(bytes)/1024/1024 Total\_Database\_size\_MB FROM dba\_extents;

\*\*\*\*\*\*\*\*CHECK FREE SPACE AND TOTAL SPACE OF TABLESPACE\*\*\*\*\*\*\*

SELECT SUM(bytes)/1024/1024 Users\_ts\_size\_MB FROM dba\_extents where tablespace\_name like '%BO\_DATA%';

OR

col "Tablespace" for a22

col "Used MB" for 99,999,999

col "Free MB" for 99,999,999

col "Total MB" for 99,999,999

select df.tablespace\_name "Tablespace", totalusedspace "Used MB",(df.totalspace - tu.totalusedspace) "Free MB",df.totalspace "Total MB" from(select tablespace\_name,round(sum(bytes) / 1048576) TotalSpace from dba\_data\_files group by tablespace\_name) df,(select round(sum(bytes)/(1024\*1024)) totalusedspace, tablespace\_name from dba\_segments group by tablespace\_name) tu where df.tablespace\_name = tu.tablespace\_name;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check undo retention guarantee\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SELECT TABLESPACE\_NAME,STATUS,CONTENTS,LOGGING,RETENTION

FROM DBA\_TABLESPACES WHERE TABLESPACE\_NAME LIKE '%UNDOTBS2%';

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check current values for semaphores/kernel in sunsolaris\*\*\*\*\*\*\*\*\*\*\*\*\*

sysdef | grep -i s[eh]m

topas - to check top sessions

ulimit -a

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check swap size\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

swap -l

swap -s

df -kh swap

--to chk memory assigned on server

more /etc/project | grep oraware

--Solaris OS

--For local zone memory

prtconf | grep "Memory"

--For global zone memory

prtdiag -v | grep Memory

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check current values for semaphores/kernel in RHEL Linux\*\*\*\*\*\*\*\*\*\*\*\*\*

cat/etc/sysctl.conf

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check downtime needed after parameter change or not\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

select name,isses\_modifiable from v$parameter where name like '%pga%';

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check PGA INUSE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SELECT \* FROM V$PGASTAT;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check PGA Target advise\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Select \* from v$pga\_target\_advice;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check the failover and its type\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SELECT MACHINE, FAILOVER\_TYPE, FAILOVER\_METHOD, FAILED\_OVER, COUNT(\*)

FROM V$SESSION

GROUP BY MACHINE, FAILOVER\_TYPE, FAILOVER\_METHOD, FAILED\_OVER;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check size of TEMP Tablespace\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

col name for a20

SELECT d.status "Status", d.tablespace\_name "Name", d.contents "Type", d.extent\_management

"ExtManag",

TO\_CHAR(NVL(a.bytes / 1024 / 1024, 0),'99,999,990.900') "Size (M)", TO\_CHAR(NVL(t.bytes,

0)/1024/1024,'99999,999.999') ||'/'||TO\_CHAR(NVL(a.bytes/1024/1024, 0),'99999,999.999') "Used (M)",

TO\_CHAR(NVL(t.bytes / a.bytes \* 100, 0), '990.00') "Used %"

FROM sys.dba\_tablespaces d, (select tablespace\_name, sum(bytes) bytes from dba\_temp\_files group by

tablespace\_name) a,

(select tablespace\_name, sum(bytes\_cached) bytes from

v$temp\_extent\_pool group by tablespace\_name) t

WHERE d.tablespace\_name = a.tablespace\_name(+) AND d.tablespace\_name = t.tablespace\_name(+)

AND d.extent\_management like 'LOCAL' AND d.contents like 'TEMPORARY';

set feed off

column "tablespace\_name" heading "Tablespace | Name" format a20

column "FileCount" heading "File | Count" format 999999

column "Size(MB)" heading "Size | (MB)" format 999,999,999.99

column "Free(MB)" heading "Free | (MB)" format 999,999,999.99

column "Used(MB)" heading "Used | (MB)" format 999,999,999.99

column "Max Ext(MB)" heading "Max Ext | (MB)" format 999,999,999

column "%Free" heading "% | Free" format 999.99

column "%Free Ext" heading "% | Free Ext" format 999.99

column "Graph" heading "Graph" format a11

column tablespace\_name heading "Tablespace | Name" format a20

SELECT

ts.tablespace\_name, "File Count",

TRUNC("SIZE(MB)", 2) "Size(MB)",

TRUNC(fr."FREE(MB)", 2) "Free(MB)",

TRUNC("SIZE(MB)" - "FREE(MB)", 2) "Used(MB)",

df."MAX\_EXT" "Max Ext(MB)",

(fr."FREE(MB)" / df."SIZE(MB)") \* 100 "% Free",

RPAD('\*', TRUNC(CEIL((fr."FREE(MB)" / df."SIZE(MB)") \* 100)/10), '\*') "Graph"

FROM

(SELECT tablespace\_name,

SUM (bytes) / (1024 \* 1024) "FREE(MB)"

FROM dba\_free\_space

GROUP BY tablespace\_name) fr,

(SELECT tablespace\_name, SUM(bytes) / (1024 \* 1024) "SIZE(MB)", COUNT(\*)

"File Count", SUM(maxbytes) / (1024 \* 1024) "MAX\_EXT"

FROM dba\_data\_files

GROUP BY tablespace\_name) df,

(SELECT tablespace\_name

FROM dba\_tablespaces) ts

WHERE fr.tablespace\_name = df.tablespace\_name (+)

AND fr.tablespace\_name = ts.tablespace\_name (+)

ORDER BY "% Free" desc

/

prompt

prompt "The last line shows the Tablespace wich is growing too large..."

prompt

\*\*\*\*\*\*\*\*Rebuild index\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ALTER INDEX EDWOWN.EDW\_BASE\_PRICE\_LKP REBUILD;

\*\*\*\*\*\*\*\*\*CREATE PROFILE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

CREATE PROFILE EXEMPTED LIMIT

SESSIONS\_PER\_USER DEFAULT

CPU\_PER\_SESSION DEFAULT

CPU\_PER\_CALL DEFAULT

CONNECT\_TIME DEFAULT

IDLE\_TIME DEFAULT

LOGICAL\_READS\_PER\_SESSION DEFAULT

LOGICAL\_READS\_PER\_CALL DEFAULT

COMPOSITE\_LIMIT DEFAULT

PRIVATE\_SGA DEFAULT

FAILED\_LOGIN\_ATTEMPTS 3

PASSWORD\_LIFE\_TIME UNLIMITED

PASSWORD\_REUSE\_TIME UNLIMITED

PASSWORD\_REUSE\_MAX UNLIMITED

PASSWORD\_LOCK\_TIME 1

PASSWORD\_GRACE\_TIME DEFAULT

PASSWORD\_VERIFY\_FUNCTION EXEMPTED\_USERS\_PWD\_FUNC;

select 'alter index '||owner||'.'||index\_name||' rebuild online;' from dba\_indexes where owner='EDWBAS' and table\_name ='SCM\_RMI\_MONTHLY\_USAGE\_SNAP';

Partition index rebuild:

select INDEX\_NAME, PARTITION\_NAME from dba\_ind\_partitions where INDEX\_NAME='IND\_01\_MONTHLY\_USAGE\_SNAP' and

last\_analyzed<'01-JAN-2014';

run utlrp to make all invalid object to valid state(ops.dba)

Running sql queries in db

v$sql and v$sqlarea

\*\*\*\*\*\*\*\*\*\*\*\*\*Create database\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

You can run ./dbca to create database after installing Oracle software

\*\*\*\*MANUALLY\*\*\*\*

1. Create one directory at any particular locaiton: I have created kpit\_test directory on /d02/app/oracle/

2. create one initfile named initkpittest.ora in /d02/app/oracle/product/11.2.0/dbhome\_1/dbs directory

content of initfile:

control\_files =

(/d02/app/oracle/clondemo/control1.ctl,/d02/app/oracle/clondemo/control2.ctl,/d02/app/oracle/clondemo/control

3.ctl)

undo\_management = AUTO

undo\_tablespace = UNDOTBS1

db\_name = clondemo

db\_block\_size = 8192

sga\_max\_size = 1073741824 #one gig

sga\_target = 1073741824 #one gig

3. export ORACLE\_SID=clondemo

export ORACLE\_HOME=/d02/app/oracle/product/11.2.0/dbhome\_1

4. Start the instance

sqlplus / as sysdba

startup nomount

5. create database clondemo

logfile group 1 ('/d02/app/oracle/clondemo/redo1.log') size 100M,

group 2 ('/d02/app/oracle/clondemo/redo2.log') size 100M,

group 3 ('/d02/app/oracle/clondemo/redo3.log') size 100M

character set WE8ISO8859P1

national character set utf8

datafile '/d02/app/oracle/clondemo/system.dbf' size 500M autoextend on next 10M maxsize unlimited extent

management local

sysaux datafile '/d02/app/oracle/clondemo/sysaux.dbf' size 100M autoextend on next 10M maxsize unlimited

undo tablespace undotbs1 datafile '/d02/app/oracle/clondemo/undotbs1.dbf' size 100M

default temporary tablespace temp tempfile '/d02/app/oracle/clondemo/temp01.dbf' size 100M;

Run root.sh

Run catalog.sql & catproc from rdbms folder

\*\*\*\*\*\*\*\*ENABLE/DISABLE AUDIT\*\*\*\*\*\*\*\*\*\*\*\*\*\*

AUDIT CONNECT BY MH820 whenever successful;

AUDIT INSERT TABLE, UPDATE TABLE, DELETE TABLE BY MH820 by access whenever successful;

AUDIT INSERT TABLE, UPDATE TABLE, DELETE TABLE BY MH820 by access whenever NOT SUCCESSFUL;

\*\*\*\*\*\*\*\*Check grants on procedure:

You can use dba\_tab\_privs as it will take procedure as table\_name

select \* from dba\_tab\_privs where table\_name='EDW\_V\_PO\_RECEIPT\_FACT\_FORM' and owner='EDWOWN';

select grantee,granted\_role from dba\_role\_privs where grantee=’SPIN’;

select grantee,privilege from dba\_sys\_privs where grantee='SPIN';

select count(\*) from dba\_tab\_privs where grantee='SPIN' and owner='ORAOWNER';

select table\_name,privilege from dba\_tab\_privs where owner='ZNGQ';

\*\*\*\*\*\*\*\*\*\*Revoke from bin tables

revoke update on ITMECH."BIN$ltQU7NsMMbLgRAAUT61iWQ==$0" from JB217;

\*\*\*\*\*\*\*\*Recreate synonyms

CREATE OR REPLACE SYNONYM ebuedw\_ods.EBU\_PARTS\_MISSED FOR ebuods\_etl.EBU\_PARTS\_MISSED;

ANALYZE table/Gather stats:

EXEC dbms\_stats.gather\_table\_stats('TEST','EMP',cascade=>TRUE,estimate\_percent =>

DBMS\_STATS.AUTO\_SAMPLE\_SIZE);

exec dbms\_stats.gather\_database\_stats (options => 'GATHER', degree => 25, estimate\_percent => 100, cascade => TRUE, no\_invalidate => FALSE, granularity => 'ALL');

select 'exec dbms\_stats.gather\_schema\_stats(ownname=>'||owner||',tabname=>'||table\_name||',estimate\_percent=>20,cascade=>TRUE,DEGREE=>5);' from dba\_tables where table\_name='GL\_SALES\_COS\_STAGE';

Gather stats of Partition table

select owner, table\_name, PARTITION\_NAME, last\_analyzed,stale\_stats from dba\_tab\_statistics where table\_name

='PROJECT\_SAVING\_ACT\_LN\_SNAPSHOT' and stale\_stats='YES'

\*\*\*\*\*\*\*\*\*\*Gahter stats for INDEX

EXEC DBMS\_STATS.GATHER\_TABLE\_STATS ('I2DM\_MASTER', 'MKT\_APP\_GRP\_MASTER');

SELECT 'EXECUTE DBMS\_STATS.GATHER\_TABLE\_STATS(OWNNAME=>'||''''||table\_OWNER||''''||',TABNAME=>'||''''||

TABLE\_NAME||''''||',partname=>'||''''||

PARTITION\_NAME||''''||',ESTIMATE\_PERCENT=>30,cascade=>TRUE,degree=>8);'

from dba\_tab\_partitions where TABLE\_NAME='CBS\_RPS\_VCD\_RAW\_DATA' and table\_owner='ZSFL';

select owner,table\_name, last\_analyzed from dba\_tables where table\_name ='DLYTRN' and owner = 'KD193';

EXEC DBMS\_STATS.GATHER\_INDEX\_STATS('EDWOWN',EDW\_BASE\_PRICE\_LKP,estimate\_percent=>100);

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Identify Stale objects

select table\_name, stale\_stats, last\_analyzed

from dba\_tab\_statistics

where owner= <owner schema> -- or table\_name = <table name>

order by last\_analyzed desc

or

select owner, table\_name, PARTITION\_NAME, last\_analyzed,stale\_stats from dba\_tab\_statistics where table\_name

='MD\_CUBE\_0'

or

exec dbms\_stats.gather\_database\_stats(options=>'gather stale')

\*\*\*\*\*\*\*\*\*\*\*\*\*\*Identify Stale Indexes of table

select index\_name,table\_name,last\_analyzed from dba\_ind\_Statistics where table\_name IN

('PCR\_REPORTDETAILS','PCR\_REPORTHEADER','TBLAUDITPCRHISTORY','TBLAUDITPCRHISTORY','TBLDRONASUBUNITS','TBLACMM

IQUESTIONDETAIL');

\*\*\*\*\*\*\*\*Refresh MView

exec DBMS\_MVIEW.REFRESH('GSQ.SUPERSEDING\_PART\_MVW','C');

\*\*\*\*\*\*\*\*Schedule JOB for MVIEW

DECLARE

X NUMBER;

BEGIN

SYS.DBMS\_JOB.SUBMIT

(

job => X

,what => 'dbms\_refresh.refresh(''"XXOTM"."XXOTM\_6982\_ECN\_MET\_BU\_REP\_MV"'');'

,next\_date => to\_date('12-17-2014 00:01:00','mm/dd/yyyy hh24:mi:ss')

,interval => 'TRUNC(SYSDATE+1)'

,no\_parse => FALSE

);

END;

/

\*\*\*\*\*\*\*\*Check Object\_Type

SQL> select object\_type,object\_name from dba\_objects where object\_name='OBIEE\_EDW\_DBU\_SPM\_DISTRIBUTOR';

\*\*\*\*\*\*\*\*Check uptime of server

!uptime

\*\*\*\*\*\*\*\*Refresh Reasons

1) Reason of Refresh.

2)Type of Refresh(Schema or Table).

3) Approval from IT Owner.

4) Is it related to a project or enhancement or break fix, provide details.(Project name and number).

5) Database Details ( Source and Destination ).

Database Refresh Steps

If incremental backup, Raise ticket to Storage DPS to restore the backup.

Else raise SRM request and assign it to ops.dba to proceed with activity.

\*\*\*\*\*\*\*\*Disable Triggers

ALTER TRIGGER SDS\_BMS.ITEM\_PRICE\_DETAIL\_TRG DISABLE;

\*\*\*\*\*\*\*\*Recompile invalid objects

Select decode (OBJECT\_TYPE, 'TABLE', 'analyze ', 'SYNONYM','desc ','alter ') || lower (decode (OBJECT\_TYPE,'PACKAGEBODY','PACKAGE','SYNONYM','','UNDEFINED','MATERIALIZED VIEW', OBJECT\_TYPE))

|| ' ' || decode(OWNER,'PUBLIC','',OWNER || '.') || OBJECT\_NAME || decode(OBJECT\_TYPE, 'TABLE', ' validate

structure cascade','SYNONYM','',' compile')

|| decode(OBJECT\_TYPE, 'PACKAGE BODY', ' BODY', 'PACKAGE', ' PACKAGE') || ';' from dba\_objects Where STATUS

= 'INVALID';

Ping ops.dba and tell him to run utlrp.sql

\*\*\*\*\*\*\*\*INACTIVE Sessions - SELECT SID, Serial#, UserName, Status, SchemaName, Logon\_Time FROM V$Session

WHERE Status='INACTIVE' AND UserName='ZNGQ';

Kill session running more than 4 hours

select 'alter system kill session ' || '''' || sid || ',' || serial# || '''' || ' immediate;' from v$session

where username ='XXFUSN' AND STATUS='INACTIVE' and last\_call\_et > 3600;

select count(s.status) "INACTIVE SESSIONS > 1HOUR "

from gv$session s, v$process p

where

p.addr=s.paddr and

s.last\_call\_et > 3600 and

s.status='INACTIVE' and s.username='XXFUSN';

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Long Running Sessions\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

select

round(sofar/totalwork\*100,2) percent\_completed,

v$session\_longops.\*

from

v$session\_longops

where

sofar <> totalwork

order by

target,

sid;

\*\*\*\*\*\*\*\*\*\*\*\*check database reboot date\*\*\*\*\*\*\*

select name, instance\_name, startup\_time, log\_switch\_wait, blocked from v$database, v$instance;

\*\*\*\*\*\*\*\*List all the indexes for a table:

SELECT index\_name,status FROM all\_indexes WHERE table\_name IN

('PCR\_REPORTDETAILS','PCR\_REPORTHEADER','TBLAUDITPCRHISTORY','TBLAUDITPCRHISTORY','TBLDRONASUBUNITS','TBLACMM

IQUESTIONDETAIL');

\*\*\*\*\*\*\*\*SUDO TO USER

sudo -s mctctl

password of wwid using which you have logged in.....

\*\*\*\*\*\*\*\*DOS2UNIX

dos2unix ORIG\_FILENAME TEMP\_FILENAME

(dos2unix) tr -d '\015' <Esn\_all\_delete\_3.sql >Esn\_all\_delete\_3\_1.sql

tr -d '\015' <EPR\_ESN\_Delete\_Script\_2.sql >EPR\_ESN\_Delete\_Script\_2\_1.sql

tr -d '\015' <New\_EPR\_Insert\_Script\_1.sql >New\_EPR\_Insert\_Script\_1\_1.sql

\*\*\*\*\*\*\*\*Revoke DML Privileges

select 'revoke ' ||PRIVILEGE|| ' on '||OWNER||'.'|| TABLE\_NAME ||' from '|| grantee||' ;' from dba\_tab\_privs

where PRIVILEGE in ('INSERT','UPDATE','DELETE')and grantee='IZ816';

\*\*\*\*\*\*\*\*CHECK ACCOUNT STATUS – Get Password

select user#,name,password,astatus,exptime from sys.user$ where name='LDC\_OWNER';

select username, account\_status, profile, password, expiry\_date from dba\_users where username like '%KL421%';

desc sys.user$;

\*\*\*\*\*\*\*\*MAKE PROFILE EXEMPTED/NON-EXPIRY

alter user ASTRA profile exempted;

\*\*\*\*\*\*\*\*Insert into SYSTEMPRODUCT\_USER\_PROFILE

insert into system.product\_user\_profile (product,userid,attribute,char\_value,date\_value) values

('SQL\*Plus','MR489','INSERT','DISABLED',SYSDATE);

\*\*\*\*\*\*\*\*Reset dblink password:

SQL> select \* from dba\_db\_links where db\_link like '%DBLINK\_AP\_GIEA.WORLD%';

OWNER DB\_LINK USERNAME HOST CREATED

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DWSTAGE CIDCSORA03\_CPHWEBP1.WORLD INTF\_CPHWEB CIDCSORA03\_CPHWEBP1.WORLD 07-AUG-07

LOGIN TO CPHWEBP1 AND CHECK BELOW COMMAND

SQL> select username, account\_status, profile, password from dba\_users where username like '%IZ516%';

USERNAME ACCOUNT\_STATUS

------------------------------ --------------------------------

PROFILE PASSWORD

------------------------------ ------------------------------

INTF\_CPHWEB EXPIRED

EXEMPTED \*\*\*\*\*\*\*\*\*\*\*\*\*

Alter user intf\_cphweb identified by values 'password';

\*\*\*\*\*\*\*\*Create DBLink:

Add TNS Entry on source

! tnsping FITD1\_DEV.WORLD

CREATE PUBLIC DATABASE LINK KPIT12S.WORLD

CONNECT TO query\_user

IDENTIFIED BY query\_user

USING '(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=kchj10.ced.corp.cummins.com)(PORT=1521))(CONNECT\_DATA=

(SID=KPIT12S)))';

set lines 200

set pages 500

col db\_link for a25

col host for a35

select \* from dba\_db\_links where db\_link like '%PR\_I2DMP1.WORLD%';

tnsping '(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=ssdcssddb001.ssdc.cummins.com)(PORT=1586))(CONNECT\_DATA=

(SID=CIL2S)))'

\*\*\*\*\*\*\*\*\*\*\*\*Extract DDL of DB LINKS\*\*\*\*\*\*\*\*\*\*

set long 99999999

set head off

select dbms\_metadata.get\_ddl('DB\_LINK','UP\_REFRESH.REGRESS.RDBMS.DEV.US.ORACLE.COM','UNIPHASEPREPROD') from

dual;

\*\*\*\*\*\*\*\*\*\*\*\*Extract DDL of Tablespaces\*\*\*\*\*\*\*

select dbms\_metadata.get\_ddl('TABLESPACES','tablespace\_name') from dba\_tablepsaces;

\*\*\*\*\*\*\*\*CREATE USER\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

CREATE USER test\_data

IDENTIFIED BY admin123

DEFAULT TABLESPACE TEST

TEMPORARY TABLESPACE TEMP

PROFILE DEFAULT

ACCOUNT UNLOCK;

grant create session to test\_data;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*A Account Creation\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

CREATE USER rman\_dem

IDENTIFIED BY rman\_demo

DEFAULT TABLESPACE RMAN\_Demo

TEMPORARY TABLESPACE TEMP

PROFILE DEFAULT

ACCOUNT UNLOCK;

GRANT CONNECT TO JQ961A;

GRANT READONLY,WMSITSUPPORT TO JQ961A;

AUDIT CONNECT BY JQ961A whenever successful;

AUDIT INSERT TABLE, UPDATE TABLE, DELETE TABLE BY JQ961A by access whenever successful;

\*\*\*\*\*\*\*\*EXPORT/IMPORT Backup

-------------------------------------------------

exp '"/ as sysdba"' file=INC000001770570.dmp log=INC0000017705701.log statistics=none feedback=100000

buffer=20000000 tables=jiten.jiten\_demo

exp kx460/zxc\_123 file=EBU\_EDSA\_DSID\_MASTER\_stg.dmp log=EBU\_EDSA\_DSID\_MASTER\_stg.log statistics=none

feedback=100000 buffer=20000000 tables=EBUEDW\_ODS.EBU\_EDSA\_DSID\_MASTER;

nohup sh file\_name.sh &

EXP WITH CONDITIONS:

exp kx460/abc123 file=INC000004996113\_\_tables.dmp log=INC000004996113\_tables.log statistics=none

feedback=100000 buffer=20000000 Tables=EBUEDW\_ODS.EBU\_GL\_SLS query="WHERE SOURCE = 'MEMGOMS' AND

GL\_INVOICE\_DATE > TO\_DATE('31-JUL-2013','dd-mon-yyyy')";

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Full Export backup\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

exp sys as sysdba FULL=y file=<filename>.dmp log=full\_bkp.log

\*\*\*\*\*\*\*\*\*\*Export public synonyms\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

INCLUDE=SYNONYM:”IN(SELECT synonym\_name FROM dba\_synonyms WHERE owner = ‘PUBLIC’ and table\_owner=’TEST’)”

For EXPDP:

create direcoty at db level:

create or replace directory INC000001770570 as 'C:\Users\Admin\backup';

Schema Backup

expdp '"/ as sysdba"' owner=SCOTT directory=INC000001770570 dumpfile=INC000001770570.dmp

logfile=INC000001770570.log;

expdp lg304/zxc\_123 tables=EDWOWN.EDW\_DTL\_SHIP\_FACT directory=INC000001740742 dumpfile=INC000001740742.dmp

logfile=INC000001740742.log query=EDWOWN.EDW\_DTL\_SHIP\_FACT:"WHERE bus\_area\_id='USA' and srce\_sys\_id='SOMS'

and ACCOUNT\_MONTH\_NO IN (201407,201408,201409,201410,201411,201412,201501)";

Working query of using "Query Clause":

expdp lg304/zxc\_123 directory=INC000001740742 tables=EDWOWN.EDW\_DTL\_SHIP\_FACT

DUMPFILE=EXPDP\_FROM\_TST40\_EDW\_DTL\_SHIP\_FACT.dmp LOGFILE=XPDP\_FROM\_TST40\_EDW\_DTL\_SHIP\_FACT.log

query=EDWOWN.EDW\_DTL\_SHIP\_FACT:\"where bus\_area\_id=\'USA\' and srce\_sys\_id=\'SOMS\' and ACCOUNT\_MONTH\_NO IN

\(\201409,201410\)\"

expdp '"/ as sysdba"' tables=IDM\_MGR.IDM\_PORTFOLIO\_HOLDING

DUMPFILE=EXPDP\_FROM\_IDMPROD\_IDM\_PORTFOLIO\_HOLDING.dmp LOGFILE=EXPDP\_FROM\_IDMPROD\_IDM\_PORTFOLIO\_HOLDING.log

DIRECTORY=DPIMPORT query=IDM\_MGR.IDM\_PORTFOLIO\_HOLDING:\"where APPLIES\_TO\_DATE \> TO\_DATE\(\'2010-12-30

23:59:59\',\'YYYY-MM-DD HH24:MI:SS\'\)\"

For Incompatible Version:

expdp / directory=INC000001345995

tables=EBUEDW\_ANAL.EBU\_EDSA\_FAULT\_COMB\_DIM,EBUEDW\_ANAL.EBU\_EDSA\_FAULT2\_DIM,EBUEDW\_ANAL.EBU\_EDSA\_SESS\_FACT,EBU

EDW\_ODS.EBU\_EDSA\_SUBSESS\_TRL,EBUEDW\_ODS.EBU\_EDSA\_ATTRIBUTES,EBUEDW\_ODS.EBU\_EDSA\_DSID\_MASTER

dumpfile=INC000001345995\_1.dmp logfile=INC000001345995\_1.log VERSION=10.2.0.4.0

EXPORT/IMPORT on EXADATA Server

1. Connect with power broker

2. SSH to Exadata server

3. Take EXP Backup

4. Move it to Power broker server in /val/APPS\_DBA\_EXP\_BACKUPS

5. Transfer that file to stage/dev server using scp

6. Import it

for IMPDP:

imp lg304/zxc\_123 file=EBU\_EDSA\_DSID\_MASTER.dmp log=EBU\_EDSA\_DSID\_MASTERimp.log fromuser=EBUEDW\_ODS

touser=EBUEDW\_ODS tables=EBU\_EDSA\_DSID\_MASTER feedback=100000 buffer=20000000 ignore=y;

imp '"/ as sysdba"' file=INC000001770570.dmp log=deptimp.log fromuser=JITEN touser=JITEN tables=jiten\_Demo

feedback=100000 buffer=20000000 ignore=y;

impdp lg304/zxc\_123 directory=INC000001740742 dumpfile=EXPDP\_FROM\_TST40\_EDW\_DTL\_SHIP\_FACT.dmp

logfile=IMPDP\_EXPDP\_FROM\_TST40\_EDW\_DTL\_SHIP\_FACT.log TABLES=EDWOWN.EDW\_DTL\_SHIP\_FACT

TABLE\_EXISTS\_ACTION=APPEND CONTENT=DATA\_ONLY

impdp '"/ as sysdba"' directory=INC000001770570 dumpfile=INC000001770570.dmp logfile=INC000001770570\_imp.log

remap\_schema=SCOTT:JITEN;

Using DBLINK

IMPDP import\_user/password NETWORK\_LINK=db\_link FULL=Y;

RUN IMPORT IN BACKGROUND(NOHUP)

nohup impdp / directory=INC000001415788 dumpfile=INC000001415788.dmp logfile=INC000001415788\_latest.log

remap\_schema=PARTSPROD:PARTSIM3 &

\*\*\*\*\*\*\*\*\*\*\*\*\*\*delete schema objects from schema\*\*\*\*\*\*\*\*\*\*\*\*

-drop schema table

select 'drop table '||owner||'.'||OBJECT\_NAME||' purge ;' from dba\_objects where owner='CUOWN' and

object\_type like 'TABLE';

--drop procedure

select 'drop procedure '||owner||'.'||OBJECT\_NAME||';' from dba\_objects where owner='CUOWN' and

object\_type='PROCEDURE';

--drop view

select 'drop view '||owner||'.'||OBJECT\_NAME||';' from dba\_objects where owner='CUOWN' and

object\_type='VIEW';

--drop sequence

select 'drop sequence '||owner||'.'||OBJECT\_NAME||';' from dba\_objects where owner='CUOWN' and

object\_type='SEQUENCE';

--drop packages

select 'drop package '||owner||'.'||OBJECT\_NAME||';' from dba\_objects where owner='CUOWN' and object\_type

like 'PACKAGE%';

--drop function

select 'drop function '||owner||'.'||OBJECT\_NAME||';' from dba\_objects where owner='CUOWN' and object\_type

like 'FUNCTION';

--purging recyclebin

select 'purge table '||owner||'.'||ORIGINAL\_NAME|| ';' from dba\_recyclebin where OWNER='CUOWN' and

type='TABLE';

-----------------------------------------------

\*\*\*\*\*\*\*\*STOP JOB

JOb1 is job name and sys.dw\_jobs is class name which stops all jobs within that class.

BEGIN

DBMS\_SCHEDULER.STOP\_JOB('job1, sys.dw\_jobs');

END;

select JOB,SCHEMA\_USER,BROKEN from DBA\_JOBS where broken='N';

\*\*\*\*\*\*\*\*Check Job and its details\*\*\*\*\*\*\*\*

select job,what from user\_jobs;

select

rj.job\_name,

s.username,

s.sid,

s.serial#,

p.spid,

s.lockwait,

s.logon\_time

from

dba\_scheduler\_running\_jobs rj,

v$session s,

v$process p

where

rj.session\_id = s.sid

and

s.paddr = p.addr

order by

rj.job\_name;

\*\*\*\*\*\*\*\*\*\*\*\*mview refresh details with next run date\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

select OWNER,NAME,TO\_CHAR(LAST\_REFRESH,'DD-MM-YYYY HH24:MI:SS') LAST\_REFRESH,substr(replace(substr

(NEXT,10,18),'interval',''),1,10) next,TO\_CHAR(START\_WITH,'DD-MM-YYYY HH24:MI:SS') NEXT\_RUN\_DATE,TO\_CHAR

(SYSDATE,'DD-MM-YYYY HH24:MI:SS') CURR\_DATE,ROUND(1440 \* (SYSDATE - START\_WITH),2) LAST\_RUN\_DIFF from

dba\_snapshots where owner='XXMVIEW' and ROUND(1440 \* (SYSDATE - START\_WITH),2) > 60;

\*\*\*\*\*\*\*\*Execute JOB\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

execute dbms\_job.submit(:x,'dbms\_mview\_refresh('ZBUB.ZBUB\_LDAP\_PROVANCE\_MV','C',atomic\_refresh=> FALSE);',

sysdate, 'sysdate+1');

\*\*\*\*\*\*\*\*Check details of JOB\*\*\*\*\*\*\*\*\*\*\*\*\*

desc dba\_jobs

\*\*\*\*\*\*\*\*Checking locks

select sid,serial#,username,program,status from v$session where sid in(select sid from v$lock where block

=1);

select s.sid, s.serial#, s.program,p.spid from gv$session s , gv$process p where p.addr =s.paddr and s.sid =

212;

select sid,owner from v$access where object like '%GLOBAL\_PERMISSIONS%';

select INST\_ID, sid,serial#,status from gv$session where sid=1551;

select sid,serial#,status,username,osuser from v$session where sid=47;

select sid,serial#,status,username,osuser from v$session where username like '%FV520%';

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*BLOCKING LOCKS

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

==== Show sessions that are blocking each other ======

select 'SID ' || l1.sid ||' is blocking ' || l2.sid blocking

from v$lock l1, v$lock l2

where l1.block =1 and l2.request > 0

and l1.id1=l2.id1

and l1.id2=l2.id2

/

==== Show locked objects ====

set lines 100 pages 999

col username format a20

col sess\_id format a10

col object format a25

col mode\_held format a10

select oracle\_username || ' (' || s.osuser || ')' username

, s.sid || ',' || s.serial# sess\_id

, owner || '.' || object\_name object

, object\_type

, decode( l.block

, 0, 'Not Blocking'

, 1, 'Blocking'

, 2, 'Global') status

, decode(v.locked\_mode

, 0, 'None'

, 1, 'Null'

, 2, 'Row-S (SS)'

, 3, 'Row-X (SX)'

, 4, 'Share'

, 5, 'S/Row-X (SSX)'

, 6, 'Exclusive', TO\_CHAR(lmode)) mode\_held

from v$locked\_object v

, dba\_objects d

, v$lock l

, v$session s

where v.object\_id = d.object\_id

and v.object\_id = l.id1

and v.session\_id = s.sid

order by oracle\_username

, session\_id

/

select s1.username || '@' || s1.machine|| ' ( SID=''' || s1.sid||','|| s1.serial#|| ''' ) is blocking '

|| s2.username || '@' || s2.machine || ' ( SID=' || s2.sid || ' ) ' AS blocking\_status

from v$lock l1, v$session s1, v$lock l2, v$session s2

where s1.sid=l1.sid and s2.sid=l2.sid

and l1.BLOCK=1 and l2.request > 0

and l1.id1 = l2.id1 and l2.id2 = l2.id2 ;

SELECT DISTINCT 'ALTER SYSTEM KILL SESSION ''' || s1.sid || ',' || s1.serial#|| ''' IMMEDIATE;' AS

killing\_status

from v$lock l1, v$session s1, v$lock l2, v$session s2

where s1.sid=l1.sid and s2.sid=l2.sid

and l1.BLOCK=1 and l2.request > 0

and l1.id1 = l2.id1 and l2.id2 = l2.id2 ;

@orausr.sql - Give sid to get the details of it.

SELECT plan\_line\_id id , LPAD(' ',plan\_depth) || plan\_operation||' '||plan\_options||' ' ||plan\_object\_name

operation , ROUND(physical\_read\_bytes /1048576) phyrd\_mb

, ROUND(io\_interconnect\_bytes /1048576) ret\_mb

, (1-(io\_interconnect\_bytes/NULLIF(physical\_read\_bytes,0)))\*100 "SAVING%"

FROM

v$sql\_plan\_monitor

WHERE sql\_id = 'fn0jzpu78tmss' AND sql\_exec\_id = 16777220;

SELECT sql\_id, sql\_child\_number, sql\_exec\_id

FROM v$session WHERE sid=812;

to find SPID using SID

==================================

select

spid,

osuser,

s.program

from v$process p,

v$session s

where sid=17 and p.addr=s.paddr;

\*\*\*\*\*\*\*\*KILL SESSIONS

SQL> alter system kill session '439,36025';

\*\*\*\*\*\*\*\*top blocking

SQL> select l1.sid, ' IS BLOCKING ', l2.sid from v$lock l1, v$lock l2 where l1.block =1 and l2.request > 0

and l1.id1=l2.id1 and l1.id2=l2.id2;

no rows selected

Check locks on objects

column oracle\_username format a15

column os\_user\_name format a15

column object\_name format a37

column object\_type format a37

select a.session\_id,a.oracle\_username, a.os\_user\_name, b.owner "OBJECT OWNER",

b.object\_name,b.object\_type,a.locked\_mode from

(select object\_id, SESSION\_ID, ORACLE\_USERNAME, OS\_USER\_NAME, LOCKED\_MODE from v$locked\_object) a,

(select object\_id, owner, object\_name,object\_type from dba\_objects) b

where a.object\_id=b.object\_id;

SELECT 'alter system kill session ''' || sid || ',' || SERIAL# || ''';' from

(

select SID, SERIAL#, USERNAME from v$session where sid in

(

select

distinct (session\_id) -- Time since current mode was granted

from

v$locked\_object, all\_objects, v$lock

where

v$locked\_object.object\_id = all\_objects.object\_id AND

v$lock.id1 = all\_objects.object\_id AND

v$lock.sid = v$locked\_object.session\_id

))

;

\*\*\*\*\*\*\*\*Gather Stats

EXEC dbms\_stats.gather\_table\_stats('EDWBAS','SUPPLIER\_RECEIPT', cascade=>true,degree=>10,granularity=>'ALL');

EXECUTE DBMS\_STATS.gather\_schema\_stats(ownname => 'MDM')

\*\*\*\*\*\*\*\*Run scripts in background

nohup sqlplus -s / @Update\_END\_MILES.sql &

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*sqlldr syntax\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

sqlldr userid=pubs/pubs control=c:\load\demo06.ctl log=c:\class\_dba\load\demo06.log DIRECT=TRUE

If the password contains special Characters in sqlldr($,#,-) than use as sql\$ instead of sql$

\*\*\*\*\*\*\*\*check size of db

SQL> select( select sum(bytes)/1024/1024/1024 data\_size from dba\_data\_files ) +( select nvl(sum

(bytes),0)/1024/1024/1024 temp\_size from dba\_temp\_files ) +( select sum(bytes)/1024/1024/1024 redo\_size from

sys.v\_$log ) +( select sum(BLOCK\_SIZE\*FILE\_SIZE\_BLKS)/1024/1024/1024 controlfile\_size from v$controlfile)

"Size in GB"from dual;

Size in GB

----------

284.911407

\*\*\*\*\*\*\*\*Check size of tables

select sum(bytes/1024/1024/1024), owner from dba\_segments where segment\_name ='EDS\_SUMMARY' group by owner;

\*\*\*\*\*\*\*\*Check size of Schema

SELECT owner,Sum(bytes)/1024/1024/1024 AS total\_size\_mb

FROM dba\_segments

WHERE owner = 'PARTSIM3'

group by owner;

select sum(bytes/1024/1024/1024), owner from dba\_segments where owner='ZBOX' group by owner;

\*\*\*\*\*\*\*\*Sox Evidance

select

EVENT\_SEQ,os\_user\_name,DATABASE\_USER\_NAME,DDL\_TYPE,hostname,OBJECT\_OWNER,OBJECT\_NAME,object\_type,ticket\_no,RE

MARKS

from SOX\_owner.SOX\_DDL\_CHANGE\_LOG

where trunc(DDL\_DATE)='25-JUL-2012' and REMARKS ='Unauthorized Change ...Investigate ...!!!' and

database\_user\_name='JB121';

update SOX\_OWNER.SOX\_DDL\_CHANGE\_LOG set TICKET\_NO=4487606, REQUESTOR\_ID='lf974', REMARKS ='Approved Object

Changes'

WHERE EVENT\_SEQ in (select EVENT\_SEQ from SOX\_OWNER.SOX\_DDL\_CHANGE\_LOG

where trunc(DDL\_DATE)='09-JUL-2013' and REMARKS ='Unauthorized Change ...Investigate ...!!!' and

database\_user\_name='EUL\_ADMIN')

Login into db

sho parameter audit

then

SELECT USERNAME,ACTION\_NAME,OBJ\_NAME,OWNER FROM DBA\_AUDIT\_STATEMENT WHERE USERNAME IN ('IV869','JR871');

SQL> SELECT USERNAME FROM DBA\_USERS WHERE USERNAME LIKE '%SOX%';

no rows selected

update SOX\_OWNER.SOX\_DDL\_CHANGE\_LOG set TICKET\_NO=000005203839,REQUESTOR\_ID='HF023', REMARKS ='Approved

Object Changes'

where trunc(DDL\_DATE)='25-OCT-2013' and REMARKS ='Unauthorized Change ...Investigate ...!!!' and os\_user\_name

in ('MA908','ma908','SDS\_BMS');

\*\*\*\*\*\*\*\*TNS issue

echo $ORACLE\_HOME

cd /pgedwx/app/oracle/edwxdb/10.2.0/network/admin

ls -l

tnsping CPG1SA

open tnsnameS.ora

and add tnsentry of CPG1SA

\*\*\*\*\*\*\*\*USING COMMAND PROMPT

# sqlplus sds\_bms/r91nb0w@STPAULDBS\_PRD1.WORLD

\*\*\*\*\*\*\*\*Check size of owners

SQL> select owner, sum(bytes)/1024/1024 tsize

from dba\_segments group by owner

order by tsize desc; 2 3

\*\*\*\*\*\*\*\*SHUTDOWN DATABASE

SQL> shutdown immediate;

Database closed.

Database dismounted.

ORACLE instance shut down.

SQL>

SQL> startup open

ORACLE instance started.

Total System Global Area 7484866560 bytes

Fixed Size 2103568 bytes

Variable Size 5301602032 bytes

Database Buffers 2080374784 bytes

Redo Buffers 100786176 bytes

Database mounted.

Database opened.

SQL> show parameter SGA;

NAME TYPE VALUE

------------------------------------ ----------- ------------------------------

lock\_sga boolean FALSE

pre\_page\_sga boolean FALSE

sga\_max\_size big integer 7G

sga\_target big integer 0

SQL> select name from v$database;

NAME

---------

CSTDQ9D1

\*\*\*\*\*\*\*\*\*\*\*\*Database Startup Time\*\*\*\*\*\*\*\*\*\*\*\*

select instance\_name,host\_name,startup\_time,database\_status,shutdown\_pending from gv$instance;

\*\*\*\*\*\*\*\*Unable to extend index

alter index OBIEE\_CPG\_DATA.WC\_SUPPLIER\_SCHEDULE\_DATA\_F\_PK storage (maxextents unlimited);

\*\*\*\*\*\*\*\*Add new datafile in tablespace

ALTER TABLESPACE UNDOTBS1 ADD DATAFILE 'E:\Oracle\BOP\boprod\UNDOTBS04.DBF' SIZE 10000M;

\*\*\*\*\*\*\*\*Resize size of datafile

ALTER DATABASE DATAFILE 'F:\ORADATA\DRONADB11G\UNDOTBS01.DBF' RESIZE 3500M;

\*\*\*\*\*\*\*\*Check datafile

SELECT FILE\_NAME, BYTES/1024/1024 FROM DBA\_DATA\_FILES WHERE TABLESPACE\_NAME = 'SLOE\_RI01';

\*\*\*\*\*\*\*\*clone script in CRON

nohup /usr/local/bin/ebs\_clone -source\_prep -clone\_copy -source\_db <SID> -target\_server <server\_name> &

nohup sh filename &

For Sox Reports

Go to server

find unix\_audit.ksh

run it using ./unix\_audit.ksh

\*\*\*\*\*\*\*\*Set SGA

alter system set sga\_max\_size=7G scope=memory;

SQL>

SQL> SELECT O.OBJECT\_NAME, S.SID, S.SERIAL#, P.SPID, S.PROGRAM,S.USERNAME,

2 S.MACHINE, S.LOGON\_TIME,SQ.SQL\_TEXT

3 FROM V$LOCKED\_OBJECT L, DBA\_OBJECTS O, V$SESSION S,

4 V$PROCESS P, V$SQL SQ

5 WHERE L.OBJECT\_ID = O.OBJECT\_ID

6 AND L.SESSION\_ID = S.SID AND S.PADDR = P.ADDR

7 AND S.SQL\_ADDRESS = SQ.ADDRESS;

no rows selected

\*\*\*\*\*\*\*\*shared pool size

show parameter shared\_pool\_size

select sum(bytes) from v$sgastat where pool='shared pool';

select pool,name,bytes from v$sgastat where name='free memory' and pool='shared pool';

select name,open\_mode,STARTUP\_TIME,STATUS,ARCHIVER,LOGINS from v$database,v$instance;

\*\*\*\*\*\*\*\*Commenting crontab entries

00 0,4,8,12,16,20 \* \* \* /u01/home/hcs/monitor/monitor\_pim\_inb\_baseprice\_errors.sh sgpomsp1 240

00 2,6,10,14,18,22 \* \* \* /u01/home/hcs/monitor/monitor\_pim\_inb\_baseprice\_status.sh sgpomsp1

\*\*\*\*\*\*\*\*check lock on table

select \* from v$access where object in ('WC\_SUPPLIER\_INV\_RPT\_TAB');

CREATE DIRECTORY cols\_publish\_config AS '/usr/users/cols/PUBLISH\_CONFIG'

\*\*\*\*\*\*\*\*flush shared pool

alter system flush shared\_pool;

\*\*\*\*\*\*\*\*unix command

ls -f n\* - file start with n

df -g /tmp - IO usage

\*\*\*\*\*\*\*\*AWR report

@$ORACLE\_HOME/rdbms/admin/awrrpt.sql

@$ORACLE\_HOME/rdbms/admin/ashrpt.sql

scp -r secondary\_supplier\_2014.csv adscdba@redcspmchgoms02.redc.cummins.com:/home/kx460

OR

scp -r secondary\_supplier\_2014.csv kx460@redcspmchgoms02.redc.cummins.com:/home/kx460

scp -r adscdba@cipexad01dbadm04.cummins.com:/usr/users/adscdba/INC000001345995/EBUEDW\_ANAL.dmp /home/kx460

scp -r /orabackup/exp/files/artd1 oraware@kchjsapp006.ced.corp.cummins.com:/d01/Backup

sftp kx460@webizprd1044.cummins.com

enter yes

put INC000005114672\_tables.dmp /orabackup/special/INC000005114672/INC000005114672\_tables.dmp

or

get INC000005066178.dmp /orabackup/special/INC000005503005/

middleware server: cidcsora08.cidc.cummins.com

\*\*\*\*\*\*\*\*Disable Constraints

select 'alter table '||table\_name||' disable constraint '||constraint\_name||';' from dba\_constraints where table\_name='ZPET6210\_MONEDA';

select b.table\_name,round(sum(a.bytes/1024/1024)) "Physical\_Size Mb",round(sum

((b.num\_rows\*b.avg\_row\_len)/1024/1024)) "Logical\_Size Mb",

round((100 - ((sum((b.num\_rows\*b.avg\_row\_len)/1024/1024) \* 100 ) / (sum(a.bytes/1024/1024)))))

"Fragmentation\_Percent"

from dba\_segments a, dba\_tables b where a.segment\_name=b.table\_name and a.owner=b.owner and

a.segment\_type='TABLE'

and a.owner='RSS' and

b.table\_name in ('MSG\_CRITERIA','REPAIR\_SRTS','REPAIR\_PARTS','REQUEST\_FOR\_REPAIR\_PLANS')

group by b.table\_name order by 1;

tail -f nohup.out

\*\*\*\*\*\*\*\*Enable row movement

alter table edwbas.PROJECT\_ACTUAL\_SAVING ENABLE ROW MOVEMENT;

Defregmentation:if we create table and we delete some rows, then data will be deleted and keep the blank

space there on disk

for defregmentaion, you can use export of the tables then drop the tables and again take import of that

tables(If the size of the table is small)

3 ways

1.Move

2.Export/import

3.Shrink

1. Move

Take size of table before Move

select b.table\_name,round(sum(a.bytes/1024/1024)) "Physical\_Size Mb",round(sum

((b.num\_rows\*b.avg\_row\_len)/1024/1024)) "Logical\_Size Mb",

round((100 - ((sum((b.num\_rows\*b.avg\_row\_len)/1024/1024) \* 100 ) / (sum(a.bytes/1024/1024)))))

"Fragmentation\_Percent"

from dba\_segments a, dba\_tables b where a.segment\_name=b.table\_name and a.owner=b.owner and

a.segment\_type='TABLE'

and a.owner='&Owner\_name' group by b.table\_name order by 1;

select 'alter table '||owner||'.'||table\_name||' move;' from dba\_tables where owner='SGPRPP' order by

table\_name;

Explain plan steps

@$ORACLE\_HOME/rdbms/admin/utlxplan.sql

explain plan for

select ............. or update..............

SELECT \* FROM TABLE(dbms\_xplan.display);

\*\*\*\*\*\*\*\*Check wait events

select count(\*),event from v$session\_wait group by event;

\*\*\*\*\*\*\*\*Check long running queries

v$longops

\*\*\*\*\*\*\*\*Memory utilization:

gv$session means gridview session

select inst\_id,count(\*) from gv$session where username is not null group by inst\_id;

INST\_ID COUNT(\*)

---------- ----------

1 72

2 47

3 14

Mahesh Shedage: so issue ye hai ki this distrubution is not proper

1:36:18 PM: Mahesh Shedage: so one server is having high memory utilization and rest 2 are normal

Resolution

for time being the resolution is to ask application team to map tns as per load..

\*\*\*\*\*\*\*\*check who is accessing table

select \* from v$access where object like '%CBS\_RPS\_AOP\_VCD%';

use top command for memory utilization user templates

Monitor running jobs using below command

jobs

C & I Tickets - assign to ADSC-> Configuration Management -> Support CM

\*\*\*\*\*\*\*\*Alert log file

show parameter dump

NAME TYPE VALUE

------------------------------------ ----------- ------------------------------

background\_core\_dump string partial

background\_dump\_dest string /u01/app/oracle/diag/rdbms/mdc

rpp1/MDCRPP1/trace

core\_dump\_dest string /u01/app/oracle/admin/MDCRPP1/

cdump

max\_dump\_file\_size string unlimited

shadow\_core\_dump string partial

user\_dump\_dest string /u01/app/oracle/diag/rdbms/mdc

rpp1/MDCRPP1/trace

cd /u01/app/oracle/diag/rdbms/mdcrpp1/MDCRPP1/trace

$ ls -lrth \*alert\*

-rw-r--r-- 1 oraware dba 6.8M May 9 2013 alert\_MDCRPP1.log.zip

-rw-r--r-- 1 oraware dba 146M Feb 12 04:30 alert\_MDCRPP1.log

view File\_name : is the command to view the file.

SQLLDR CONTROL=load\_users\_data.ctl, LOG=load\_users\_data.log, DATA=Users.csv, USERID=zngq/prod

password@webizprd1154\_qmsp1.world

\*\*\*\*\*\*\*\*Check the db is up or not

cat /var/opt/oracle/oratab

check if there is # at the start of this db

and if yes then that db is kept down.

check DBA\_policies for Security check exception error.

\*\*\*\*\*\*\*\*Performance issue

Check top command

check prstat

Check ADWR/ADDM Report: Need to run script available on below specific path

$ORACLE\_HOME/rdbms/admin

ADDM: @?/rdbms/admin/addmrpt.sql

AWR: @?/rdbms/admin/awrrpt.sql

inputs for that file

1. format(HTML)

2. report for how many days needed(1)

3. Snapshots

Path for files

/pgedwp/app/oracle

select FILE\_NAME , sum(bytes)/1024/1024 from dba\_data\_files where TABLESPACE\_NAME like 'PART' group by

FILE\_NAME;

\*\*\*\*\*\*\*\*Run file in nohup mode

Create WC\_PEGGING\_1.log

sqlplus / as sysdba

select name from v$database;

Exec sox\_owner.log\_ticket\_details\_pg.log\_ticket\_details\_pr('5503092','LF105');

spool one.log

Delete from obiee\_cpg\_data.WC\_PEGGING\_F where week\_wid in (201323,201324,201325,201326);

commit;

spool off

exit

nohup sqlplus / as sysdba @master\_file\_edwp.log &

\*\*\*\*\*\*\*\*Check Exports on database

/orabackup/exp/logs

ls -lrth

date

ps -ef|grep jobs

ps -ef|grep rman

ps -ef|grep exp

ps -ef|grep expdp

\*\*\*\*\*\*\*\*Check locations of Alert files:

select name,value from v$spparameter where name like '%dest%';

\*\*\*\*\*\*\*\*Change database buffer cache

alter system set db\_cache\_size=2516582;

show parameter db\_cache\_size

\*\*\*\*\*\*\*\*\*\*\*\*\*BRIDGE DETAILS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

For making Bridge

1) dial number 0000117(from mobile - 000117)

2) After voice prompt dial number - 877-205-3152

International-526805

Local -

jd454a/intel12\*

\*\*\*\*\*\*\*\*\*\*\*STOP APPLICATIONS on WINDOWS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Click on Start, type Remote Desktop Connections

Enter the server name

Username - ced\US.COL.CISE\_RPWMS

Password - Z@d4fg%GH90

Click on Edit and Stop

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*check free memory\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

free -m

\*\*\*\*\*\*\*Helpdesk

hv551

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

select OPTIMAL\_LOGFILE\_SIZE from v$instance\_recovery;

select sum(bytes/1024/1024) from v$log;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Performance questions\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

We would like to have more information for the Remedy Ticket INC000005361260. Please refer to the pointers below and do provide the relevant information. This would help us to continue finding an accurate resolution.

1] Since when you are facing this slowness issue ?

2] Is the slowness persistent or does it varies based on the time of the day?

3] Is it happening with any specific user/s or across the globe ?

4] Is the complete application slow or issue with any specific module/operation/job ?

5] If it is with any specific module/operation/job then what queries are associated with this ? What actually

it does ?

6] if its query specific, do we have the explain plan when it was working fine?

7] Is it newly added or old module/operation/job ?

8] What is its previous completion/response time ?

9] What is the current completion/response time ?

10] Is there any changes happened at application/database/server level in recent past? If yes what kind of

changes done ?

11] Is only one job/query slow or the entire database slow:

12] List of all tables used in your job:

13] Good Time (1 hour duration when the job was running fine):

14] Bad time (1 hour duration when the job was running the slowest):

15] After when has the issue started occurring, any particular date or database change or event ?

16] Will you be able to replicate the issue on the database at our will ?

17] Any select queries you can provide which are running slow ?

18] Have you connected with any other team. If yes, any findings from their side ?

Note: Timings should be provided as like 10-JAN-2014@10:20:00 EST/CST etc.

OR

1. Is only one job/query slow or the entire database slow:

2. List of all tables used in your job:

3. Normal completion time of the job/query:

4. Current completion time of the job/query:

5. Good Time (1 hour duration when the job was running fine):

6. Bad time (1 hour duration when the job was running the slowest):

7. Is the job running slow even when it is run at different timing's ?

8. After when has the issue started occurring, any particular date or database change or event ?

9. Any recent change from the application side or code?

10. Will you be able to replicate the issue on the database at our will ?

11. Any select queries you can provide which are running slow ?

12. Have you connected with any other team. If yes, any findings from their side

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*For query slowness\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1. Is only one job/query slow or the entire database slow:

2. Normal completion time of the query:

3. Current completion time of the query:

4. Good Time (1 hour duration when the query was running fine):

5. Bad time (1 hour duration when the query was running the slowest):

6. After when has the issue started occurring, any particular date or database change or event ?

7. Any recent change from the application side or code?

8. Kindly provide queries which are running slow ?

9. Have you connected with any other team. If yes, any findings from their side ?

Approch:

--------

1) Check the server load (top)

2) Ask the username/servername/application name to user with which they are connected to the database.

3) Check the blocking locks on the database.

4) Check the gv$access for the current usage

5) Check the explain plan

6) Check the invalid objects per schema and validate the indexes used by the objects.

7) Check if the last analyzed date of the tables & indexes participating in the issue.

8-) Check the B-Level of index.

9) Check if the plan is flipped.(V$SESSION find sql\_id, use this to find the current PHV from V$SQL\_PLAN )

10) Populate & check the ASH report

11) Populate & check the AWR report.

12) Check if any outline/Sql\_profile/Baseline has been already created for the sql

13) If required create a SQL\_PROFILE/BASELINE

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Create SPFILe from PFILE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

CREATE SPFILE='/u01/admin/prod/pfile/file\_mydb.ora'

FROM

PFILE=/u01/admin/prod/pfile/initprod.ora';

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Create tablespace example\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

It will create new tablespace as well as datafile.

CREATE TABLESPACE RMAN\_Demo

DATAFILE '/d02/app/oradata/smedb/rman\_demo.dbf'

SIZE 50M

REUSE

AUTOEXTEND ON NEXT 10M MAXSIZE 200M;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*CONTROL FILE DETAILS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

select name, value from v$parameter where name = 'control\_files';

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*CREATE CONTROL FILE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

alter database backup controlfile to trace as 'E:\Control\_2904.ctl';

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*DBMS\_CRYPTO\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

@/home/oracle/app/oracle/product/11.2.0/dbhome\_1/rdbms/admin/dbmsobtk.sql

@/home/oracle/app/oracle/product/11.2.0/dbhome\_1/rdbms/admin/prvtobtk.plb

Grant execute on dbms\_crypto to public;

Grant execute on dbms\_sqlhash to public;

Grant execute on dbms\_obfuscation\_toolkit to public;

Grant execute on dbms\_obfuscation\_toolkit\_ffi to public;

Grant execute on dbms\_crypto\_ffi to public;

select dbms\_crypto.hash(utl\_raw.cast\_to\_raw('zorg'), 3) from dual;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*RMAN ISSUE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

N/w Issue ( TCP/IP network error comes when rman backup fails ) and you need to ask network team to

investigate and as a dba - you have to rerun the backup

Media issue - its storage issue , where either tape is stuck or full or rman is waiting for a new tape to

be inserted , Stoarage team has to investigate and you have to rerun the backup once tape is available

Space issue - that mount point , make sure enough space to accomodate backup

user interupption - someone kill the backup process

archive missing - if someone has deleted few archives and after that rman backup starts , it will faile with

missing archive error

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*CHECK USED PORT\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

netstat -ntulp

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Reboot server\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

reboot or shutdown -r

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*ORAWARE user consumes more memory\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Check if any backup or jobs are running, check it through OEM.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*View the executed sql query\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

use sqltext view

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*check swap and memory\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

grep SwapTotal /proc/meminfo

grep MemTotal /proc/meminfo

free -m

vmstat

\*\*\*\*\*\*\*\*\*\*\*\*Create /tmp directory on linux\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

# mkdir /filesystems

# dd if=/dev/zero of=/filesystems/tmp\_fs seek=512 count=512 bs=1M

# mkfs.ext3 /filesystems/tmp\_fs

Add the following line to /etc/fstab:

/filesystems/tmp\_fs /tmp ext3 noexec,nosuid,loop 1 1

Then, mount the partition:

# mount /tmp

\*\*\*\*\*\*\*\*\*\*\*\*Check internet on server\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

wget http://google.com

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Compress tables\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

alter table table\_name compress for OLTP;

\*\*\*\*\*\*\*\*\*\*\*\*\*Power broker\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Powerbroker

cidcsutil02.cidc.cummins.com wwid/ldappwd

pbrun su - adscdba

ssh sername

\*\*\*\*\*\*\*\*\*\*\*\*\*Check Server is 32 bit/64 bit

uanme -a

or

cat /proc/cpuinfo

\*\*\*\*\*\*\*\*\*\*\*\*\*Install Packages on ubuntu\*\*\*\*\*\*\*\*\*\*\*\*\*

sudo apt-get install package\_name

\*\*\*\*\*\*\*\*\*\*\*\*\*How to use BZ or BZ2 files\*\*\*\*\*\*\*\*\*\*\*\*\*

tar xvjf pkg.tar.bz2

tar xvzf pkg.tar.gz

\*\*\*\*\*\*\*\*\*\*\*\*\*Steps to install Package in ubuntu\*\*\*\*\*\*

1. Download Package

2. Untar it using above command. It will create directory in same location

3. cd package\_name

4. sudo -s

5. ./configure

6. make

7. make install

8. make clean

\*\*\*\*\*\*\*\*\*\*\*Install .deb package in ubuntu

dpkg -i Package\_name

\*\*\*\*\*\*\*\*\*\*\*\*check Blocks\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

select \* from dba\_blockers ;

\*\*\*\*\*\*\*\*\*\*\*\*\*High water mark issue\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

High water mark is the maximum amount of database blocks used so far by a segment. This mark cannot be reset

by delete operations.

\*\*\*\*\*\*\*\*\*\*\*\*\*VI Editor commands\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

:/date to get logs of the date provided

\*\*\*\*\*\*\*\*\*\*\*\*\*Check PGA\_AGGREGATE\_TARGET Parameter\*\*\*\*\*\*\*

It is a global target for the Oracle instance, and Oracle tries to ensure that the total amount of PGA memory

allocated across all

database server processes never exceeds this target. The key word in this statement is "tries".

column name format a40

column value format 999,999,999

select name,value from v$pgastat order by value desc;

alter system set pga\_aggregate\_target=<size> scope=both SID='\*';

\*\*\*\*\*\*\*\*\*\*\*\*For clone request\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1. Pre refresh activity: Take dblink, passwords & other backup using backup script

2. Communicate with ops.dba to proceed with cloning

3. Post refresh activity: Execute the backup taken on Source database

\*\*\*\*\*\*\*\*\*\*\*\*Check Size of Flash Recovery Area\*\*\*\*\*\*\*\*\*\*\*\*\*

sho parameter db\_recovery\_file;

\*\*\*\*\*\*\*\*\*\*\*\*Cloning\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Techniques:

1. Hot backup

2. Cold backup

3. Rman cloning

a. From backup

b. Active database

\*\*\*\*\*\*\*\*\*\*\*\*\*Check archive mode and its location\*\*\*\*\*\*\*\*\*\*\*

SQL> ARCHIVE LOG LIST

Database log mode No Archive Mode

Automatic archival Disabled

Archive destination /pgbackup/app/edws/arch

Oldest online log sequence 1899

Current log sequence 1903

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check users with sysdba privilege\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

select \* from V$PWFILE\_USERS;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Trace issues\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

alter session set nls\_date\_format='DD-MM-YYYY HH24:MI:SS';

select username,sid,serial#,status,logon\_time from v$session where username='OMSINF' order by logon\_time

desc;

or

select username,sid,serial#,status,logon\_time ,sql\_trace from v$session where username='OMSINF' order by

logon\_time desc;

\*\*\*\*\*\*\*\*Steps to create Trace file

Login as sysdba

1. select sys\_context('USERENV','SID') from dual;

2. select sid,serial#,status from v$session where sid=259;

3. exec DBMS\_SYSTEM.SET\_EV(259,5279,10046,8,'');

4. To check location of trace file:

select c.value || '/' || lower(d.value) || '\_ora\_' ||

to\_char(a.spid, 'fm00000') ||'.trc' "TRACE FILE"

from v$process a, v$session b, v$parameter c, v$parameter d

where a.addr = b.paddr

and b.sid = &SID

and c.name = 'user\_dump\_dest'

and d.name = 'db\_name';

5. Extract output of trace using TKPROF

tkprof <file\_name.trc> <new\_file\_name.txt>

\*\*\*\*\*\*\*\*To start tracing:

select 'EXEC DBMS\_SUPPORT.start\_trace\_in\_session(sid=>'||sid||',serial=>'||

serial#||',binds=>true,waits=>true);' from v$session where username='XXFUSN' order by LOGON\_TIME desc;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Stop tracing

select 'EXEC DBMS\_SUPPORT.stop\_trace\_in\_session(sid=>'||sid||',serial=>'||serial#||');' from v$session where

username='XXFUSN' order by LOGON\_TIME desc;

EXECUTE DBMS\_MONITOR.SESSION\_TRACE\_ENABLE(session\_id => 844, serial\_num =>5801,waits => TRUE, binds => TRUE);

EXEC DBMS\_SUPPORT.start\_trace\_in\_session(sid=>'925',serial=>'40801',binds=>true,waits=>true);

exec SYS.DBMS\_SYSTEM.SET\_SQL\_TRACE\_IN\_SESSION(925,40801,TRUE);

925 41977

exec SYS.DBMS\_SYSTEM.SET\_SQL\_TRACE\_IN\_SESSION(925,40801,TRUE);

for enabling

============

exec DBMS\_SYSTEM.SET\_EV(sid,serial#,10046,8,'');

for disabling3

=============

exec DBMS\_SYSTEM.SET\_EV(sid,serial#,10046,0,'');

select c.value || '/' || lower(d.value) || '\_ora\_' ||

to\_char(a.spid, 'fm00000') ||'.trc' "TRACE FILE"

from v$process a, v$session b, v$parameter c, v$parameter d

where a.addr = b.paddr

and b.sid = &SID

and c.name = 'user\_dump\_dest'

and d.name = 'db\_name';

select nvl(s.username, '(oracle)') AS

username,s.sid,s.serial#,sw.event,sw.wait\_time,sw.seconds\_in\_wait,sw.state from v$session\_wait sw,v$session s

where s.sid=sw.sid order by seconds\_in\_wait;

select sid,serial#,event,wait\_time,seconds\_in\_wait,state from v$session where sid=776 and state like'%WAIT%'

select u\_dump.value || '/' || instance.value || '\_ora\_' || v$process.spid

|| nvl2(v$process.traceid, '\_' || v$process.traceid, null ) || '.trc'"Trace File"

from V$PARAMETER u\_dump

cross join V$PARAMETER instance

cross join V$PROCESS

join V$SESSION on v$process.addr = V$SESSION.paddr

where u\_dump.name = 'user\_dump\_dest'

and instance.name = 'instance\_name'

and V$SESSION.audsid=sys\_context('userenv','sessionid');

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*GET MTD SLA Report\*\*\*\*\*\*\*\*\*\*\*\*

Steps:

1. Go to KPMS till we get ticket details screen.

2. Click on View -> Requests -> Submit a new Request -> Single Request -> MTD SLA Report ->

3. Group Name -> OR2500

Track -> ALL

Start\_date -> 01-JUL-2014

End date -> 31-AUG-2014

Assigned Group -> DBA - Standard Oracle Production Support

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check undo retention perid\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SHOW PARAMETER UNDO\_RETENTION;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Connect Exadata db using toad\*\*\*\*\*\*\*\*\*\*

username: kx460/zxc\_123

Use TNS as MDCODSP\_EXA\_APP/ CMIEDWP\_EXA

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check fragmented table\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

col FRAGMENTED\_SPACE for a20

col TOTAL\_SIZE for a20

col ACTUAL\_SIZE for a20

set pages 132 lines 200

column table\_name for a30

col owner for a15

select owner,table\_name,num\_rows,round(((blocks\*8/1024)),2)||' MB' "TOTAL\_SIZE", round

((num\_rows\*avg\_row\_len/1024/1024),2)||' MB' "ACTUAL\_SIZE",

round(((blocks\*8/1024)-(num\_rows\*avg\_row\_len/1024/1024)),2) "FRAGMENTED\_SPACE(MB)", round(100 \* (round

(((blocks\*8/1024)-(num\_rows\*avg\_row\_len/1024/1024)),2) / round(((blocks\*8/1024)),2))) "FRAGMENTATION (%)"

from dba\_tables

where table\_name in (select table\_name from dba\_tables

where owner in (select distinct(owner) from dba\_tables where owner not in('SYS','SYSTEM'))) and round

(((blocks\*8/1024)-(num\_rows\*avg\_row\_len/1024/1024)),2)

>100 order by 6 desc;

OR

select table\_name,round((blocks\*8),2) "size (kb)" ,

round((num\_rows\*avg\_row\_len/1024),2) "actual\_data (kb)",

(round((blocks\*8),2) - round((num\_rows\*avg\_row\_len/1024),2)) "wasted\_space (kb)"

from dba\_tables

where (round((blocks\*8),2) > round((num\_rows\*avg\_row\_len/1024),2))

order by 4 desc

OR

SELECT \* FROM

(SELECT

SUBSTR(TABLE\_NAME, 1, 21) TABLE\_NAME,

NUM\_ROWS,

AVG\_ROW\_LEN ROWLEN,

BLOCKS,

ROUND((AVG\_ROW\_LEN + 1) \* NUM\_ROWS / 1000000, 0) NET\_MB,

ROUND(BLOCKS \* (8000 - 23 \* INI\_TRANS) \*

(1 - PCT\_FREE / 100) / 1000000, 0) GROSS\_MB,

ROUND((BLOCKS \* (8000 - 23 \* INI\_TRANS) \* (1 - PCT\_FREE / 100) -

(AVG\_ROW\_LEN + 1) \* NUM\_ROWS) / 1000000) "WASTED\_MB"

FROM DBA\_TABLES

WHERE

NUM\_ROWS IS NOT NULL AND

OWNER LIKE 'PROTECT%' AND

PARTITIONED = 'NO' AND

(IOT\_TYPE != 'IOT' OR IOT\_TYPE IS NULL)

ORDER BY 7 DESC)

WHERE ROWNUM <=50;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check applied patch\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

select \* from registry$history;

opatch -apply (Standalone/Single Patch)

opatch -napply (Multiple patches)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Copy files from Power broker to Exadata\*\*\*\*\*\*\*\*\*\*

1. Copy file to power broker server

2. put that file into /usr/users/adscdba and change the permission as 777

3. Use: scp -r PROC\_CLAIM\_DATA\_CORRECTION.sql

kx460@ftdcsssdb020.ftdc.cummins.com:/usr/users/adscdba/INC000001594112/

Go to the location of the file:(TST40)

sftp kx460@cidcsora13

put /dbfs/STAGING\_AREA/INC000001740742/EXPDP\_FROM\_TST40\_EDW\_DTL\_SHIP\_FACT.dmp /orabackup/special

and on destination(PRD40)

sftp kx460@cidcsora13

get /orabackup/special/EXPDP\_FROM\_TST40\_EDW\_DTL\_SHIP\_FACT.dmp /dbfs\_backup/orabackup/special/INC000001740742

For transfering files from Exadata to Power broker and use pbrun - su adscdba

Login to power broker and execute below command, it will put the files on /usr/users/adscdba

scp cidcsutil02.cidc.cummins.com:/usr/users/adscdba/PROC\_CLAIM\_DATA\_CORRECTION.sql .

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Listener configuration\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Go to $ORACLE\_HOME/bin

run netca using ./netca

Follow the wizard which will add listener entry in your listener.ora

alter system set local\_listener=LISTENER\_PROD1 scope=both sid='\*';

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*To check last 5 files added\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ls -lrth|tail -5

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Remote desktop connection\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Go to Computer -> Properties -> Remote Settings -> Remote -> Allow Connections

On any machine, type remote desktop on startup and enter ip as 160.95.158.23

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Unset existing Oracle\_home\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

unset ORACLE\_HOME

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Update Profie\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

select username, profile from dba\_users;

select \* from dba\_profiles where resource\_name = 'MIS\_CORE\_LINK.WORLD';

select username, status from v$session;

select profile from dba\_users where username ='QUERY\_USER';

select \* from dba\_profiles where profile='&profile\_name';

check the value of the parameter 'SESSIONS\_PER\_USER' in output.

check the no of sessions user is running

select count(\*) from v$session where username='&username';

Alter profile <Profile\_name> limit sessions per user 100;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*GOMS database names\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

China Goms - chnomsp1

Ghana Goms - ghnomsp1

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check port is open or not\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SELECT DBMS\_XDB.GETHTTPPORT FROM DUAL;

netstat -anp | grep 1521

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check used Port numbers\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

netstat -tulpn

For Particular port

netstat -tulpn | grep :80

lsof -i -P|grep 7002

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Printer configuration\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

go to //bohr

and double click on KCHJPRN02C\_3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Change proxy of command prompt\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

export http\_proxy=http://kv235:Rsg\*2014@fw1i.cummins.com:80

than use wget www.google.com

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Drop tablespace without datafile\*\*\*\*\*\*\*\*\*\*\*\*\*

startup mount

alter database datafile '/path/to/filename' offline drop;

alter database open;

drop tablespace tbsp\_name including contents cascade constraints;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Add Partition in table\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ALTER TABLE DMDSS.WBIF\_PART\_SRT\_OTHER\_CLAIMABLES ADD PARTITION "JAN2015" VALUES LESS THAN ('2016')

LOGGING

NOCOMPRESS

TABLESPACE "DMDSS\_LM512M\_TAB"

PCTUSED 40

PCTFREE 10

INITRANS 1

MAXTRANS 255

STORAGE (INITIAL 512M

NEXT 512M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

FREELISTS 1

FREELIST GROUPS 1

BUFFER\_POOL DEFAULT);

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Identify database idle session\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

dentify database idle sessions

set linesize 140

col username format a15

col idle format a15

col program format a30

PROMPT Enter the number of minutes for which the sessions should have been idle:

PROMPT

select

sid,username,status,

to\_char(logon\_time,'dd-mm-yy hh:mi:ss') "LOGON",

floor(last\_call\_et/3600)||':'||

floor(mod(last\_call\_et,3600)/60)||':'||

mod(mod(last\_call\_et,3600),60) "IDLE",

program

from

v$session

where

type='USER'

and (LAST\_CALL\_ET / 60) > &minutes

order by last\_call\_et;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check the local Processes which consumes more CPU\*\*\*\*\*\*\*\*\*\*

ps -ef|grep mdcomsp1|grep LOCAL=NO|wc -l

ps -ef|grep mdcomsp1 |wc -l

more spfileapxdiyp1.ora |grep processes

Note: Kill the Local=NO processes for a temporary solution and for permanent solution we need to increase

the process parameter

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Call outide\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

for mobile numbers: use 00 in front of mobile no. ex: 009975589775

and then give authcode

Step 1: Dial 0000117

Step 2: Dial auth code 753359

Step 3: Dial in Number - 877 810 9439

Step 4: Dial access/conference code

Step 5: You are connected to conference

Join bridge from mobile: 1178772053152

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Create SR\*\*\*\*\*\*\*\*\*\*\*\*\*

go to support.oracle.com

use devendrah@kpitcummins.com/support12

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Current login users\*\*\*\*\*\*

select username,to\_char(logon\_time,'DD:MM:YYYY') from v$session

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check Last\_Login of user\*\*\*\*\*\*\*\*\*\*\*\*\*\*

COLUMN username FORMAT A10

COLUMN owner FORMAT A10

COLUMN obj\_name FORMAT A10

COLUMN extended\_timestamp FORMAT A35

SELECT username,extended\_timestamp,owner,obj\_name,action\_name FROM dba\_audit\_trail WHERE owner = 'KN352'

ORDER BY timestamp;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*For Backup issues\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1. Check the path given in ticket.

2. Check the crontab entry of database

3.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Server access issue on power broker\*\*\*

1. Login to power broker

2. sudo to adscdba(pbrun su - adscdba)

3. cd .ssh

4. Take backup of the known\_hosts file

5. vi known\_hosts

6. Press Esc & then enter /<server\_name>(on which you are getting error).

7. Remove the server entry from the file & save the file.

8. Try to use ssh <server\_name>. You will be able to login.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*FRA\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

set lines 100

col name format a60

select

name,

floor(space\_limit / 1024 / 1024) "Size MB",

ceil(space\_used / 1024 / 1024) "Used MB"

from v$recovery\_file\_dest;

-- FRA Occupants

SELECT \* FROM V$FLASH\_RECOVERY\_AREA\_USAGE;

-- Location and size of the FRA

show parameter db\_recovery\_file\_dest

-- Size, used, Reclaimable

SELECT

ROUND((A.SPACE\_LIMIT / 1024 / 1024 / 1024), 2) AS FLASH\_IN\_GB,

ROUND((A.SPACE\_USED / 1024 / 1024 / 1024), 2) AS FLASH\_USED\_IN\_GB,

ROUND((A.SPACE\_RECLAIMABLE / 1024 / 1024 / 1024), 2) AS FLASH\_RECLAIMABLE\_GB,

SUM(B.PERCENT\_SPACE\_USED) AS PERCENT\_OF\_SPACE\_USED

FROM

V$RECOVERY\_FILE\_DEST A,

V$FLASH\_RECOVERY\_AREA\_USAGE B

GROUP BY

SPACE\_LIMIT,

SPACE\_USED ,

SPACE\_RECLAIMABLE ;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*TOAD usage\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Go to session browser and check locks of object

Press f4 to check the details of the table.

In Editor, if you have written

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*UNDO Tablespace recreation\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1. Drop UNDO tablespace

2. Create a fresh one with same name

3. Increase the log size by 60% of its current size

4. Increase DB Writer processes to 8

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check session which consumes memory\*\*\*\*\*\*\*\*\*\*\*\*\*

SELECT NVL (a.username, '(oracle)') AS username,

a.module,

a.program,

TRUNC (b.VALUE / 1024) AS memory\_kb

FROM v$session a, v$sesstat b, v$statname c

WHERE a.sid = b.sid

AND b.statistic# = c.statistic#

AND c.name = 'session pga memory'

AND a.program IS NOT NULL

ORDER BY b.VALUE DESC;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check undo retention in minutes\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

COL "RETENTION" FOR A30

COL NAME FOR A30

COL VALUE FOR A50

SELECT NAME "RETENTION",VALUE/60 "MINUTES"

FROM V$PARAMETER WHERE NAME LIKE '%undo\_retention%';

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Linked in reply format\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

===========================

9:21:16 AM: Hi All,

Thank you so much for all your inputs.

Please find the below environment details

1) OS:- Sun Solaris (SunOS webisprd76 5.10 Generic\_150400-10 sun4v sparc sun4v)

2) Database version: 10.2.0.3.0 - 64bit

3) Swapfile info:

swapfile dev swaplo blocks free

/dev/swap 4294967295,4294967295 16 33554416 33554416

4) Private memory allocated at OS level is 25GB.

5) We have no sql for which we received this error.

6) As i can see we have 40GB RAM on server & only 4 DBs are running on server. Also we currently have PGA of

504 MB only, so we have decided to increase it.

I will share the result of increasing the PGA\_AGREEGATE\_TARGET parameter to higher value.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check usable memory in solaris\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

id -p

prctl -n project.max-shm-memory -i project 3

% projadd -p 3 -c 'eBS benchmark' -U oracle -G dba -K 'project.max-shm-memory=(privileged,10G,deny)' OASB

% usermod -K project=OASB oracle

\*\*\*\*\*\*\*\*\*Check firewall is enabled or not\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

telnet <ip\_address> <port\_No>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check UNDO USAGE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SELECT DISTINCT a.tablespace\_name,

sum(a.bytes)/1024/1024 CurMb,

sum(decode(b.maxextend, null, a.bytes/1024/1024, b.maxextend\*(SELECT value FROM v$parameter WHERE

name='db\_block\_size')/1024/1024)) MaxMb,

round(100\*(sum(a.bytes)/1024/1024 - round(c.free/1024/1024))/(sum(decode(b.maxextend, null,

a.bytes/1024/1024, b.maxextend\*(SELECT value FROM v$parameter WHERE name='db\_block\_size')/1024/1024))))

UPercent,

(sum(a.bytes)/1024/1024 - round(c.free/1024/1024)) TotalUsed,

(sum(decode(b.maxextend, null, a.bytes/1024/1024, b.maxextend\*(SELECT value FROM v$parameter WHERE

name='db\_block\_size')/1024/1024)) - (sum(a.bytes)/1024/1024 - round(c.Free/1024/1024))) TotalFree

FROM dba\_data\_files a,

sys.filext$ b,

(SELECT d.tablespace\_name , sum(nvl(c.bytes,0)) free

FROM dba\_tablespaces d,dba\_free\_space c

WHERE d.tablespace\_name = c.tablespace\_name(+)

GROUP BY d.tablespace\_name) c

WHERE a.file\_id = b.file#(+)

AND a.tablespace\_name = c.tablespace\_name

and a.tablespace\_name like '%UNDO%'

GROUP BY a.tablespace\_name,

c.free/1024 ;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*List Archive log and Delete archive log using RMAN\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

list archivelog all;

list copy of archivelog until time ‘SYSDATE-10′;

delete archivelog all;

delete archivelog until time ‘SYSDATE-10′;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Steps to add datafile in ASM\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

select name from v$asm\_diskgroup;

alter tablespace users add datafile ‘+data1′ size 5M;

select name from v$datafile;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Location of archive log files\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SELECT GROUP#, ARCHIVED

FROM SYS.V$LOG;

SELECT LOG\_MODE FROM SYS.V$DATABASE;

ARCHIVE LOG LIST

show parameter archive

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check .profile\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ls -ltra .profile

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check the transportable format\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

select \* from V$transportable\_platform;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*EBUP1\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

/usr/bin/ls -l

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Increase value of open\_cursor parameter \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

alter system set open\_cursors=1000 scope=both;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Check size of directory in unix\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

du -s <directory\_name>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*SPC Push Activity\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Server: pggor10t.cidc.cummins.com

Script path:/u01/app/ora10gas/local/bin/spcpush.ksh

Execution steps:

step 1: Go to path /u01/app/ora10gas/local/bin

step 2:Execute the following command:

bash spcpush.ksh pwrp

12:16:11 PM: bas itna hi

12:16:37 PM: file ko copy kartein hei /u01/app/firepond/spcdata/PWRP

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*TNS ISSUE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

check whether connection string mentioned in db link is in same case or not as on server tnsnames.ora

\* global\_names parameter is set to TRUE, try to make it false

\* check SID\_NAME and GLOBAL\_NAME are in lowercase in the listener.ora file

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Lookup details for particular SID\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

set serveroutput on size 50000

set echo off feed off veri off

accept 1 prompt 'Enter Oracle SID: '

DECLARE

v\_sid number;

s sys.v\_$session%ROWTYPE;

p sys.v\_$process%ROWTYPE;

BEGIN

begin

select sid into v\_sid

from sys.v\_$session s

where s.sid = &1;

exception

when no\_data\_found then

dbms\_output.put\_line('Unable to find given SID!!!');

return;

when others then

dbms\_output.put\_line(sqlerrm);

return;

end;

select \* into s from sys.v\_$session where sid = v\_sid;

select \* into p from sys.v\_$process where addr = s.paddr;

dbms\_output.put\_line('=====================================================================');

dbms\_output.put\_line('SID/Serial : '|| s.sid||','||s.serial#);

dbms\_output.put\_line('Foreground : '|| 'PID: '||s.process||' - '||s.program);

dbms\_output.put\_line('Shadow : '|| 'PID: '||p.spid||' - '||p.program);

dbms\_output.put\_line('Terminal : '|| s.terminal || '/ ' || p.terminal);

dbms\_output.put\_line('OS User : '|| s.osuser||' on '||s.machine);

dbms\_output.put\_line('Ora User : '|| s.username);

dbms\_output.put\_line('Status Flags: '|| s.status||' '||s.server||' '||s.type);

dbms\_output.put\_line('Tran Active : '|| nvl(s.taddr, 'NONE'));

dbms\_output.put\_line('Login Time : '|| to\_char(s.logon\_time, 'Dy HH24:MI:SS'));

dbms\_output.put\_line('Last Call : '|| to\_char(sysdate-(s.last\_call\_et/60/60/24), 'Dy HH24:MI:SS') || ' -

' || to\_char(s.last\_call\_et/60, '990.0') || ' min');

dbms\_output.put\_line('Lock/ Latch : '|| nvl(s.lockwait, 'NONE')||'/ '||nvl(p.latchwait, 'NONE'));

dbms\_output.put\_line('Latch Spin : '|| nvl(p.latchspin, 'NONE'));

dbms\_output.put\_line('Current SQL statement:');

for c1 in ( select \* from sys.v\_$sqltext

where HASH\_VALUE = s.sql\_hash\_value order by piece) loop

dbms\_output.put\_line(chr(9)||c1.sql\_text);

end loop;

dbms\_output.put\_line('Previous SQL statement:');

for c1 in ( select \* from sys.v\_$sqltext

where HASH\_VALUE = s.prev\_hash\_value order by piece) loop

dbms\_output.put\_line(chr(9)||c1.sql\_text);

end loop;

dbms\_output.put\_line('Session Waits:');

for c1 in ( select \* from sys.v\_$session\_wait where sid = s.sid) loop

dbms\_output.put\_line(chr(9)||c1.state||': '||c1.event);

end loop;

-- dbms\_output.put\_line('Connect Info:');

-- for c1 in ( select \* from sys.v\_$session\_connect\_info where sid = s.sid) loop

-- dbms\_output.put\_line(chr(9)||': '||c1.network\_service\_banner);

-- end loop;

dbms\_output.put\_line('Locks:');

for c1 in ( select

decode(l.type,

-- Long locks

'TM', 'DML/DATA ENQ', 'TX', 'TRANSAC ENQ',

'UL', 'PLS USR LOCK',

-- Short locks

'BL', 'BUF HASH TBL', 'CF', 'CONTROL FILE',

'CI', 'CROSS INST F', 'DF', 'DATA FILE ',

'CU', 'CURSOR BIND ',

'DL', 'DIRECT LOAD ', 'DM', 'MOUNT/STRTUP',

'DR', 'RECO LOCK ', 'DX', 'DISTRIB TRAN',

'FS', 'FILE SET ', 'IN', 'INSTANCE NUM',

'FI', 'SGA OPN FILE',

'IR', 'INSTCE RECVR', 'IS', 'GET STATE ',

'IV', 'LIBCACHE INV', 'KK', 'LOG SW KICK ',

'LS', 'LOG SWITCH ',

'MM', 'MOUNT DEF ', 'MR', 'MEDIA RECVRY',

'PF', 'PWFILE ENQ ', 'PR', 'PROCESS STRT',

'RT', 'REDO THREAD ', 'SC', 'SCN ENQ ',

'RW', 'ROW WAIT ',

'SM', 'SMON LOCK ', 'SN', 'SEQNO INSTCE',

'SQ', 'SEQNO ENQ ', 'ST', 'SPACE TRANSC',

'SV', 'SEQNO VALUE ', 'TA', 'GENERIC ENQ ',

'TD', 'DLL ENQ ', 'TE', 'EXTEND SEG ',

'TS', 'TEMP SEGMENT', 'TT', 'TEMP TABLE ',

'UN', 'USER NAME ', 'WL', 'WRITE REDO ',

'TYPE='||l.type) type,

decode(l.lmode, 0, 'NONE', 1, 'NULL', 2, 'RS', 3, 'RX',

4, 'S', 5, 'RSX', 6, 'X',

to\_char(l.lmode) ) lmode,

decode(l.request, 0, 'NONE', 1, 'NULL', 2, 'RS', 3, 'RX',

4, 'S', 5, 'RSX', 6, 'X',

to\_char(l.request) ) lrequest,

decode(l.type, 'MR', o.name,

'TD', o.name,

'TM', o.name,

'RW', 'FILE#='||substr(l.id1,1,3)||

' BLOCK#='||substr(l.id1,4,5)||' ROW='||l.id2,

'TX', 'RS+SLOT#'||l.id1||' WRP#'||l.id2,

'WL', 'REDO LOG FILE#='||l.id1,

'RT', 'THREAD='||l.id1,

'TS', decode(l.id2, 0, 'ENQUEUE', 'NEW BLOCK ALLOCATION'),

'ID1='||l.id1||' ID2='||l.id2) objname

from sys.v\_$lock l, sys.obj$ o

where sid = s.sid

and l.id1 = o.obj#(+) ) loop

dbms\_output.put\_line(chr(9)||c1.type||' H: '||c1.lmode||' R: '||c1.lrequest||' - '||c1.objname);

end loop;

dbms\_output.put\_line('=====================================================================');

END;

/

set echo off feed on veri on

================================KILL EXPDP/IMPDP job==================================

C:\Users\awantis>expdp attach=SYS\_EXPORT\_SCHEMA\_01

Export: Release 11.2.0.1.0 - Production on Thu Apr 30 15:42:04 2015

Copyright (c) 1982, 2009, Oracle and/or its affiliates. All rights reserved.

Username: schema\_refresh

Password:

Connected to: Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - Production

With the Partitioning, OLAP, Data Mining and Real Application Testing options

Job: SYS\_EXPORT\_SCHEMA\_01

Owner: SCHEMA\_REFRESH

Operation: EXPORT

Creator Privs: TRUE

GUID: 32D0C126FF824712803CED0F10634ED2

Start Time: Thursday, 30 April, 2015 15:39:49

Mode: SCHEMA

Instance: dronadb

Max Parallelism: 1

EXPORT Job Parameters:

Parameter Name Parameter Value:

CLIENT\_COMMAND schema\_refresh/\*\*\*\*\*\*\*\*@dronadb NETWORK\_LINK=SCHEMA\_REFRESH

directory=SCHEMA\_REFRESH schemas=unipro\_production dumpfile=uni

State: EXECUTING

Bytes Processed: 335,023,152

Percent Done: 95

Current Parallelism: 1

Job Error Count: 0

Dump File: F:\SCHEMA\_REFRESH\DPDUMP\UNIPHASEPREPROD\_20150430.DMP

bytes written: 340,983,808

Worker 1 Status:

Process Name: DW00

State: EXECUTING

Object Schema: UNIPRO\_PRODUCTION

Object Name: CR\_UOM\_LOV

Object Type: SCHEMA\_EXPORT/TABLE/TABLE\_DATA

Completed Objects: 104

Total Objects: 205

Worker Parallelism: 1

Export> kill\_job

Are you sure you wish to stop this job ([yes]/no): yes

brtools -a 127586-128000=F:\orabak

brtools -a 127586-128000

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*DR Queries\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

select max(sequence#) from v$archived\_log;

OR

select max(sequence$) from v$log\_history;

select sequence#, first\_time,next\_time, archived,applied from v$archived\_log where sequence#>85 order by

sequence#;

select name,database\_role from v$database;

SELECT \* FROM V$ARCHIVE\_GAP;-> Check on Standby database

SELECT PROCESS,STATUS FROM V$MANAGED\_STANDBY;

ALTER DATABASE RECOVER MANAGED STANDBY DATABASE DISCONNECT FROM SESSION;

ALTER SYSTEM SET LOG\_ARCHIVE\_DEST\_STATE\_3=ENABLE SCOPE=BOTH;

ALTER DATABASE COMMIT TO SWITCHOVER TO PRIMARY;

ALTER DATABASE COMMIT TO SWITCHOVER TO PHYSICAL STANDBY;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*USAGE OF SQLT\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Refer Note: 215187.1 in support.oracle.com

1. Donwnload the SQLT Zip file.

2. Unzip the contents into a suitable folder.

3. # cd sqlt/install

# sqlplus / as sysdba

SQL> START sqcreate.sql

4. It will ask for Connect identfier: Go to tnsnames.ora and provide the alias of the database(for ex: @D11)

5. Enter any password and re-enter the password

6. Enter default tablespace: (for ex: PSAPECC)

7. Enter temporary tablespace: (for ex: TEMP)

8. Enter the Schema name on which query is problematic or running slow.

9. Enter while asking for Licensed Oracle Pack(Default is T)

Using SQLT

# cd sqlt/run

# sqlplus dbsnmp/admin123 - Login with schema on which query is running slow

SQL> START sqltxtract.sql [SQL\_ID]|[HASH\_VALUE] [sqltxplain\_password]

SQL> START sqltxtract.sql 8y9qhm8fm5zg2 admin123

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*KILL INACTIVE SESSIONS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

CREATE OR REPLACE

PROCEDURE KILL\_INACTIVE\_SESSIONS AS

CURSOR C\_SESSIONS IS select sid,serial# from v$sesSion where status='INACTIVE' AND username='BO\_USER';

S\_ID NUMBER;

SR\_NO NUMBER;

S\_QUERY VARCHAR2(5000);

BEGIN

OPEN C\_SESSIONS;

LOOP

FETCH C\_SESSIONS INTO s\_id, sr\_no;

EXIT WHEN C\_SESSIONS%NOTFOUND;

S\_QUERY := 'alter system kill session ''' || s\_id || ',' || sr\_no || ''' immediate';

EXECUTE immediate S\_QUERY;

NULL;

END LOOP;

END KILL\_INACTIVE\_SESSIONS;

/

BEGIN

KILL\_INACTIVE\_SESSIONS();

END;

/