**SUMMER TRAINING**

-prepared by VINEET JAIN

-C123(01014802713)

**ACKNOWLEDGEMENT**

I express my sincere respect and gratitude to my trainers who have given their valuable support, tremendous cooperation and suggestions from time to time in successfully completing this training.

I would also like to give a special thanks to HCL TECHNOLOGIES for allowing me to work in their esteemed organization.

**DECLARATION**

I hereby declare and affirm that the details mentioned in this report relate to me only and are ture to the best of my knowledge.

Date Signature

Name

**OBJECTIVE**

* Acquire experience and gain exposure by working in a corporate world
* Interacting with the user and handling clients.
* To learn how the security was maintained in the organization.
* Practical implementation of the technology being studied.
* Understanding the criticality of the client related problems and solving them by respective priority.
* Refreshing of UAT and DEV databases from PRODUCTION databases.

**ORGANIZATION INTRODUCTION**

**HCL TECHNOLOGIES**

HCL (*Hindustan Computers Limited*) Technologies Limited is an Indian global IT services company headquartered in Noida. It offers services including software consulting, enterprise transformation, remote infrastructure management, engineering and R&D services, and business process outsourcing (BPO).

HCL has offices in 31 countries to provide services across industry verticals, including aerospace & defense, energy & utilities, independent software vendors, manufacturing, professional services, servers & storage, automotive, financial services, industrial manufacturing, media & entertainment, retail & consumer, telecom, consumer electronics, government, life sciences & healthcare, medical devices, semiconductors, and travel, transportation & logistics

HCL Technologies is on the *Forbes* Global 2000 list and is one of Asia’s Fab 100 Companies.[[8]](https://en.wikipedia.org/wiki/HCL_Technologies#cite_note-8) On 15 February 2015, its market capitalization was 140,104 crores ($22.48 billion), making it to India's Top 20 largest publicly traded companies.[[9]](https://en.wikipedia.org/wiki/HCL_Technologies#cite_note-9) HCL Technologies, along with its subsidiaries, had consolidated revenues of US$ 6.0 billion as on 03 August 2015

**AWARDS AND RECOGNITION**

* HCL Technologies has appeared on Bloomberg Business Week’s "The World’s Most influential Companies is considered ‘disruptive’ by IDC.
* Ranked in the top 10 outsourcers with the "highest accountability, transparency and trust" by *Wall Street Journal*
* Ranked world's no. 1 infrastructure outsourcing vendor by Brown-Wilson Group for the Black Book of Outsourcing.
* Listed by WorldBlu for the fourth time in a row as one of the Most Democratic Workplaces for 2012 in the world
* Featured in case studies published by Harvard, London Business Schooland Darden Business School

**CONTENTS**

I had started my training in HCL TECHNOLOGIES on till as an ORACLE DBA trainee. The name of the project I assisted on is READER’S DIGEST.

**READER’s DIGEST**

*Reader's Digest* is an American general-interest family magazine, published monthly (except for between 2010 and 2012 when the American edition was published ten times a year). Formerly based in Chappaqua, New York, it now has its headquarters in New York City. The magazine was founded in 1922, by DeWitt Wallace and Lila Bell Wallace. For many years, *Reader's Digest* was the best-selling consumer magazine in the United States, losing the distinction in 2009 to *Better Homes and Gardens*. According to Mediamark Research, it reaches more readers with household incomes of $100,000+ than *Fortune*, *The Wall Street Journal*, *Business Week* and *Inc.* combined.

**TECHNOLOGY/TOOLS/APPLICATIONS USED**-

* Oracle 11g
* Citrix
* Incident Management Tool

ORACLE 11G

It is a RelationalDatabases Management System software which helps us in managing large databases systematically. In the project more than 2,000 databases were present.

There are three types of databases –

* + PRODUCTION
  + UAT(USER APPLICATION TESTING)
  + DEV(DEVELOPER)

Each database is identified by its extension in the name i.e. \_prd,\_uat,\_dev respectively for production , uat and dev databases respectively .

PRODUCTION

Production databases run live and are very critical databases. They are very secure and thus we need permission from the client to log in to the database.The client provides a password in a RSA secure device . It isa GPS device which displays the password , that expires every five seconds.

UAT –USER APPLICATION DATABASE

These databases are used for application testing because we cannot perfrom any testing on live databases

DEV

Dev stands for developer and it is used by developers to develop new codes and tables applications etc

CITRIX

It is a tool /platform to connect to the databases .

INCIDENT MANAGEMENT

it is an application for interaction between user and client . Through this application the client asks for service request (SR), global change management (GCM), incidents (IN), resolving or solving any problems . There are three types of tickets issued by this application .

There are also three types of criticalities P1, P2, P3. The solution of P1 is urgently required and the time window is very small. P2 has a slightly larger window of time with lower priority than P1 .P3 tickets include service requests like adding more data files, password changes of database users etc.

**LEARNINGS IN THIS PROJECT**

* Refreshing of the UAT databases and DEV databases from PRODUCTION databases .UAT and DEV databases are called the target databases and PRODUTION databases are called the source databases

Example-

Steps for refreshing of UAT database LNPARU2\_UAT from source database PARP2\_PRD

STEPS PERFOMED ON SOURCE DATABASE

1. Login the database through username ,password ,IN ticket and RSA token number .
2. Connect from O/S to database

sqlplus / as sysdba

SQL>select sum(bytes/1024/1024/1024/) from dba\_data\_files;

3. Check the size of the databases .

QL>select sum(bytes/1024/1024/1024/) from dba\_data\_files;

4. Check the size of the RMAN backup pieces.

5. Match the mount points of source and target

6. Check the connectivity between source and target

7. Check the RMAN backup of PRODUCTION database is successful or not, that backup has to be used to refresh the target database

8.Also Check the version of databases of source and target .

STEPS PERFORMED AT TARGET DATABASE

**Step -1 Set timeout**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/export/home/oracle $TMOUT=0**

LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/export/home/oracle

**Step-2---check version**

LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/export/home/oracle $  sqlplus -v

SQL\*Plus: Release 11.2.0.2.0 Production

**Step-3LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/export/home/oracle$  df -h |grep backup**

**/export/home/oracle**

**Step-4LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/export/home/oracle$**

**cd /export/home/oracle**

SLNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/export/home/oracle

**Step-5LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]: du –sh \***

**Step-5LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup**

**$ ls -ltr**

**Step-6LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup**

**$ cd refresh**

**Step-7LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh**

**$ ls -ltr**

total 0

drwxr-xr-x   5 oracle   dba           96 Jun  9 15:56 GRS0567647

drwxr-xr-x   4 oracle   dba           96 Jun 11 16:31 GRS0567942

**Step-8LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh**

**Step-9 Make directory with the name of GCM Name**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh$ mkdir GCMS0568130**

**Step-10LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh$ cd GCMS0568130**

**Step-12-Make three directory database,scripts,andprechecks inside above mention directory**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/GCMS0568130$ mkdir database scripts prechecks**

**StepLNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/GRS0568130$ ls -ltr**

**Step-13Note-After creating  three directory go to database directory**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]: cd /data/oracle/LNRMAD1/backup/refresh/GCM0568130/database**

**Unnecessary**

**Step-14And run scp command at source database.After running scp command at source we can check that file is coming in this location /data/oracle/LNRMAD1/backup/refresh/ GCMS0568130/database or not with following command**

**Step- 15 Go to the database directory**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]: cd /data/oracle/LNRMAD1/backup/refresh/GCMS0568130/database**

**Step-16 LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/ GCMS0568130/database$ ls -ltr**

total 523488

-rw-r-----   1 oracle   dba      121110528 Jun 15 00:59 c-3673486710-20140615-01

-rw-r-----   1 oracle   dba      121110528 Jun 15 00:59 c-3673486710-20140615-02

-rw-r-----   1 oracle   dba      13422080 Jun 15 01:02 ar.LNRMAP1.arc\_l0\_t850266144\_s341430\_p1.rmn

-rw-r-----   1 oracle   dba      3701248 Jun 15 01:02 ar.LNRMAP1.arc\_l0\_t850266151\_s341431\_p1.rmn

-rw-r-----   1 oracle   dba      6923264 Jun 15 01:02 ar.LNRMAP1.arc\_l0\_t850266154\_s341432\_p1.rmn

-rw-r-----   1 oracle   dba         4096 Jun 15 01:02 ar.LNRMAP1.arc\_l0\_t850266158\_s341433\_p1.rmn

-rw-r-----   1 oracle   dba      1708032 Jun 15 01:02 ar.LNRMAP1.arc\_l0\_t850266161\_s341434\_p1.rmn

-rwx------   1 oracle   dba         2743 Jun 15 01:02 archive\_restore.ksh

-rwx------   1 oracle   dba         5035 Jun 15 01:07 bcp\_refresh.ksh

-rw-r--r--   1 oracle   dba         3603 Jun 15 01:07 BCP\_DATA

**Step –16 Now we check the free size at target at this location**

**/ data/oracle/LNRMAD1/backup/refresh/ GCMS0568130/database**

**With following command**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/GRS0568130/database$ df -kh .**

Filesystem             size   used  avail capacity  Mounted on

/data/oracle/LNRMAD1/backup

                       204G   117G    86G    58%    /data/oracle/LNRMAD1/backup

**Step-17 –Now we go to prechecks directory**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/GRS0568130/database**

**$ cd ../prechecks**

**Step-18 now create prechecks.sql file in prechecks directory**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/GCM0568130/database$viprechecks.sql**

**Step-19 And past precheck.sql script in this file**

**Ecp- i**

**Past thecontents**

**Wq!**

rechecks.sql" [New file] 182 lines, 5941 characters

LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/GRS0568130/prechecks

$ ls -ltr

total 16

-rw-r--r--   1 oracle   dba         5941 Jun 18 11:13 prechecks.sql

**Step-20 Now to connect to the sqlplus**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/GRS0568130/prechecks$ sqlplus / as sysdba**

SQL\*Plus: Release 11.2.0.2.0 Production on Wed Jun 18 11:14:05 2014

Copyright (c) 1982, 2010, Oracle.  All rights reserved.

Connected to:

Oracle Database 11g Enterprise Edition Release 11.2.0.2.0 - 64bit Production

With the Partitioning, OLAP, Data Mining and Real Application Testing options

**Step –21 Run prechecks.sql**

**SQL> @prechecks.sql**

**Step-22  Exit**

**Step-23 Now we check that precheck.sql  script run successfully or not**

**LNRMAD1@oracle@lonrmad1 [DEV**

**ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/GRS0568130/prechecks$ ls -ltr**

total 68960

-rw-r--r--   1 oracle   dba         5941 Jun 18 11:13 prechecks.sql

-rw-r--r--   1 oracle   dba      34958336 Jun 18 11:20 LNRMAD1\_norows.dmp

-rw-r--r--   1 oracle   dba        16904 Jun 18 11:20 control\_LNRMAD1.ctl.bk

-rw-r--r--   1 oracle   dba        23586 Jun 18 11:22 details.lst

-rw-r--r--   1 oracle   dba        26615 Jun 18 11:22 usr\_pwd\_11g.sql

-rw-r--r--   1 oracle   dba         8834 Jun 18 11:22 drop\_user.sql

-rw-r--r--   1 oracle   dba        14607 Jun 18 11:22 unlockuser.sql

-rw-r--r--   1 oracle   dba          164 Jun 18 11:22 onlogontriiger.sql

-rw-r--r--   1 oracle   dba          576 Jun 18 11:22 temptablespace1.sql

-rw-r--r--   1 oracle   dba        11868 Jun 18 11:22 rm\_files.sh

-rw-r--r--   1 oracle   dba        10370 Jun 18 11:22 user\_def.sql

-rw-r--r--   1 oracle   dba        10456 Jun 18 11:22 user\_pass.sql

-rw-r--r--   1 oracle   dba        10370 Jun 18 11:22 user\_profile.sql

-rw-r--r--   1 oracle   dba        13067 Jun 18 11:22 dblinksddl.sql

**Step-24  Put the database in Maintenance mode**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]: LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/GRS0568130/database$**

**$SITE/scripts/dbmaint\_mode $ORACLE\_SID  on 99:00 GCM000002059009\_002**

2014/01/14\_17:29:02 Checking for in-scope OEM targets

2014/01/14\_17:29:02 /data/oracle/product/agent12c/core/12.1.0.2.0/bin/emctlconfig agent listtargets

2014/01/14\_17:29:04 Oracle Enterprise Manager Cloud Control 12c Release 2

2014/01/14\_17:29:04 Copyright (c) 1996, 2012 Oracle Corporation.  All rights reserved.

2014/01/14\_17:29:04 WARNING: No OEM targets found

**Step-25 verify SCP completed or not**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/GCMS0568130/database$ du -h .**

**47G   .**

**Step-26  Go to the scripts directory**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/ GCMS0568130/database$ cd ../scripts**

**Step-27  Now make four file**

**1.**       **vi  refresh.begin and paste the content from refresh.begin file  
2.**       **Virefresh.end and paste the content from refresh.end**

**3.**       **virefresh.ksh and paste the content from refresh.ksh file**

**4.**       **virman\_refresh.config and paste the content from rman\_refresh.config and change the following –**

TO\_ORACLE\_SID=LNRMAD1           # The database (instance) to be refreshed

BACKUP\_DIR=/data/oracle/LNRMAD1(Name of the database)/backup/refresh/GRS0568130(GRS no)/database(Location of the backup)

BASE\_DATA\_DIR=/**data/oracle/LNRMAD1/backup/refresh/GCMS0568130/database/**

**Step-28 Go to the database directory**

**LNRMAD1@oracle@lonrmad1 [DEVACTIVE]:/data/oracle/LNRMAD1/backup/refresh/ GCMS0568130/scripts$ cd ../database**

**Step-29**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/ GCMS0568130/database$ ls –ltr**

**Step -30 Serchduplicate.ksh file in database directory**

**[LNPARU2]oracle@crmu2 $ find duplicate.ksh**

**Step-31 original duplicate .kshrename**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/ GCMS0568130/database$ cp -p duplicate.ksh duplicate.ksh\_2015\_07\_20**

**Step-32**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/ GCMS0568130/database$viduplicate.ksh**

**Step-33 Serch /allocate and rename  duplicate channel**

**Step-34    ls –ltr in database directory          (8031)**

LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/GRS0568130/database$  ls –ltr

Note------

**Step 35 – Serch Control file in database  directory**

**Note- go to production and go in directory**

**/data/oracle/LNLEMP1/backup/logs then chek backup of that day on which target refreshing**

**Then vi**

**vi backup\_LNLEMP1.140817**

**serch /8031 and copy control file()  and serch that control file at  targert database directory or backup loction**

**[LNPARU2]oracle@crmu2 $ ls -l c-4285130371-20140701-00**

-rw-r-----   1 oracle   dba      26083328 Jul  1 00:03 c-4285130371-20140701-00

[LNPARU2]oracle@crmu2 $ touch c-4285130371-20140701-00

[LNPARU2]oracle@crmu2 $ find duplicate.ksh

**Step36 -Touch the control file**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/ GCMS0568130/database$ touch c-3673486710-20140615-03**

**Step 37- Now runrefresh.ksh**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/GRS0568130/scripts**

**$ nohupkshrefresh.ksh&**

**Step-38 – See the output in nohup.out**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/ GCMS0568130/scripts$  tail -200f nohup.out**

**Step -39 -- Find the location of control file in nohup.out**

SQL> SQL> SQL> Connected.

SQL> alter database backup controlfile to trace as '**/data/oracle/LNLEMD2/backup/database/dump/create\_controlfile.ora.trc'**

^C[1] +  Done(1)                 nohupkshrefresh.ksh&

LNLEMD2@oracle@lonlemgd1 [DEV ACTIVE]:/data/oracle/LNLEMD2/backup/refresh/GRS0559068/scripts

**Step-40  Now cat the control file**

**LNRMAD1@oracle@lonrmad1 [DEV ACTIVE]:/data/oracle/LNRMAD1/backup/refresh/ GCMS0568130/scripts$**

$ **cat /data/oracle/LNLEMD2/backup/database/dump/create\_controlfile.ora.trc**

STARTUP NOMOUNT

CREATE CONTROLFILE **REUSE** DATABASE "LNLEMP1" **NORESETLOGS  ARCHIVELOG**

    MAXLOGFILES 64

    MAXLOGMEMBERS 5

    MAXDATAFILES 2056

    MAXINSTANCES 32

    MAXLOGHISTORY 23360

LOGFILE

  GROUP 1 (

    '/data/oracle/LNLEMP1/redo01/LNLEMP1\_redo01a.dbf',

    '/data/oracle/LNLEMP1/redo02/LNLEMP1\_redo01b.dbf'

  ) SIZE 500M,

  GROUP 2 (

    '/data/oracle/LNLEMP1/redo01/LNLEMP1\_redo02a.dbf',

    '/data/oracle/LNLEMP1/redo02/LNLEMP1\_redo02b.dbf'

  ) SIZE 500M,

  GROUP 3 (

    '/data/oracle/LNLEMP1/redo01/LNLEMP1\_redo03a.dbf',

    '/data/oracle/LNLEMP1/redo02/LNLEMP1\_redo03b.dbf'

  ) SIZE 500M

-- STANDBY LOGFILE

DATAFILE

  '/data/oracle/LNLEMQ1/data02/system\_01.dbf',

  '/data/oracle/LNLEMQ1/data02/undo\_01.dbf',

'/data/oracle/LNLEMQ1/data08/data\_history\_29.dbf',

  '/data/oracle/LNLEMQ1/data08/index\_non\_part\_09.dbf'

CHARACTER SET UTF8

;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMP1/temp01/LNLEMP1\_temp\_08.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMP1/temp01/LNLEMP1\_temp\_07.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMP1/temp01/LNLEMP1\_temp\_06.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMP1/temp01/LNLEMP1\_temp\_05.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMP1/temp01/LNLEMP1\_temp\_04.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMP1/temp01/LNLEMP1\_temp\_03.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMP1/temp01/LNLEMP1\_temp\_02.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMP1/temp01/LNLEMP1\_temp\_01.dbf' REUSE;

$

LNLEMD2@oracle@lonlemgd1 [DEV ACTIVE]:/data/oracle/LNLEMD2/backup/refresh/GRS0559068/scripts

**Step-41  Connect to sqlplus**

$ sqlplus / as sysdba

SQL\*Plus: Release 10.2.0.5.0 - Production on Tue Jan 14 20:02:42 2014

Copyright (c) 1982, 2010, Oracle.  All Rights Reserved.

Connected to an idle instance.

**Step -41  Start the database in nomount ========================================================**

SQL> **startup nomount**

ORACLE instance started.

Total System Global Area 2415919104 bytes

Fixed Size                  2054024 bytes

Variable Size            1459619960 bytes

Database Buffers          905969664 bytes

Redo Buffers               48275456 bytes

**Step -43  Delete existing controlfile**

SQL> **show parameter control**

NAME\_COL\_PLUS\_SHOW\_PARAM

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

TYPE

-----------

VALUE\_COL\_PLUS\_SHOW\_PARAM

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

control\_file\_record\_keep\_time

integer

40

control\_files

string

**/data/oracle/LNLEMD2/redo01/LNLEMD2\_control01.ctl, /data/oracle/LNLEMD2/redo02/L**

**NLEMD2\_control02.ctl**

SQL**> !rm -rf /data/oracle/LNLEMD2/redo01/LNLEMD2\_control01.ctl /data/oracle/LNLEMD2/redo02/LNLEMD2\_control02.ctl**

**Step -44  Now create the control file**

SQL> CREATE CONTROLFILE **SET** DATABASE "LNLEMD2" **RESETLOGS  NOARCHIVELOG**

    MAXLOGFILES 64

    MAXLOGMEMBERS 5

  2    3    4      MAXDATAFILES 2056

  5      MAXINSTANCES 32

  6      MAXLOGHISTORY 23360

  7  LOGFILE

Dfhjk

  8    GROUP 1 (

  9      '/data/oracle/LNLEMD2/redo01/LNLEMD2\_redo01a.dbf',

10      '/data/oracle/LNLEMD2/redo02/LNLEMD2\_redo01b.dbf'

11    ) SIZE 500M,

12    GROUP 2 (

13      '/data/oracle/LNLEMD2/redo01/LNLEMD2\_redo02a.dbf',

14      '/data/oracle/LNLEMD2/redo02/LNLEMD2\_redo02b.dbf'

15    ) SIZE 500M,

16    GROUP 3 (

17      '/data/oracle/LNLEMD2/redo01/LNLEMD2\_redo03a.dbf',

18      '/data/oracle/LNLEMD2/redo02/LNLEMD2\_redo03b.dbf'

19    ) SIZE 500M

20  DATAFILE

21    '/data/oracle/LNLEMD2/data02/system\_01.dbf',

22    '/data/oracle/LNLEMD2/data02/undo\_01.dbf',

23    '/data/oracle/LNLEMD2/data02/sysaux\_01.dbf',

174    '/data/oracle/LNLEMD2/data08/index\_current\_10.dbf',

175    '/data/oracle/LNLEMD2/data08/data\_history\_29.dbf',

176    '/data/oracle/LNLEMD2/data08/index\_non\_part\_09.dbf'

177  CHARACTER SET UTF8

178  ;

Control file created.

**Step 45  Open the database in resetlogs mode**

SQL>  **alter database open resetlogs;**

Database altered.

**Step 46  Inprechecks directory cat control\_LNLEMD2.ctl.bk**

LNLEMD2@oracle@lonlemgd1 [DEV ACTIVE]:/data/oracle/LNLEMD2/backup/refresh/GRS0559068/prechecks

$ ls -rlt

total 284496

-rw-r--r--   1 oracle   dba         5181 Jan 14 16:55 prechecks.sql

-rw-r--r--   1 oracle   dba      145190912 Jan 14 17:08 LNLEMD2\_norows.dmp

-rw-r--r--   1 oracle   dba       170001 Jan 14 17:08 LNLEMD2\_norows.log

-rw-r--r--   1 oracle   dba         9216 Jan 14 17:08 dblink.dmp

-rw-r--r--   1 oracle   dba          577 Jan 14 17:08 dblink.log

-rw-r--r--   1 oracle   dba        13312 Jan 14 17:08 access\_table.dmp

-rw-r--r--   1 oracle   dba          531 Jan 14 17:08 access\_table.log

-rw-r--r--   1 oracle   dba        23581 Jan 14 17:08 control\_LNLEMD2.ctl.bk

-rw-r--r--   1 oracle   dba            0 Jan 14 17:08 dblinksddl.sql

LNLEMD2@oracle@lonlemgd1 [DEV ACTIVE]:/data/oracle/LNLEMD2/backup/refresh/GRS0559068/prechecks

**$ cat control\_LNLEMD2.ctl.bk**

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_01.dbf'

     SIZE 4000M REUSE AUTOEXTEND OFF;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_02.dbf'

     SIZE 4000M REUSE AUTOEXTEND OFF;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_03.dbf'

     SIZE 4000M REUSE AUTOEXTEND OFF;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_04.dbf'

     SIZE 4000M REUSE AUTOEXTEND OFF;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_05.dbf'

     SIZE 4000M REUSE AUTOEXTEND OFF;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_06.dbf'

     SIZE 4000M REUSE AUTOEXTEND OFF;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_07.dbf'

     SIZE 4000M REUSE AUTOEXTEND OFF;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_08.dbf'

     SIZE 4000M REUSE AUTOEXTEND OFF;

**Step 47 Alter the temp tablespaces from** **control\_LNLEMD2.ctl.bk**

$ sqlplus / as sysdba

SQL> ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_01.dbf'

  2       SIZE 4000M REUSE AUTOEXTEND OFF;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_02.dbf'

     SIZE 4000M REUSE AUTOEXTEND OFF;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_03.dbf'

     SIZE 4000M REUSE AUTOEXTEND OFF;

ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_04.dbf'

     SIZE 4000M REUSE AUTOEXTEND OFF;

Tablespace altered.

SQL>   2  ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_05.dbf'

     SIZE 4000M REUSE AUTOEXTEND OFF;

Tablespace altered.

SQL>   2  ALTER TABLESPACE TEMP ADD TEMPFILE '/data/oracle/LNLEMD2/temp01/LNLEMD2\_temp\_06.dbf'

     SIZE 4000M REUSE AUTOEXTEND OFF;

Tablespace altered.

**-------------------------------------------------------------------------------------------------------------**

**Step 48  NOW password revert**

ACTIVE]:/data/oracle/LNLEMD2/backup/refresh/GRS0559068/prechecks

$ ls –ltrh

user\_def.sql

user\_pass.sql  /

usr\_pwd\_11g.sql  //FOR 11G

user\_profile.sql

postprecks.sql---user need

set echo on

SQL*>   @user*\_def.sql    1

SQL> @unlockuser.sql       ---4

or

SQL>  @usr\_pwd\_11g.sql    (11g)-2

SQL**>  @user\_profile**.sql     ---3

SQL> select name,open\_mode from v$database;

NAME      OPEN\_MODE

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

LNPARU2   READ WRITE

SQL> select count(\*) from dba\_db\_links;

  COUNT(\*)

----------

        20

**lsnrctl start LISTNER\_LNPARU2**

**Step-49 SQL> truncate  tablesys.link$;**

**Step -50 [LNPARU2]oracle@crmu2 $ imp file=dblink.dmp log=Imp\_dblink.log buffer=99999 tables=link$ ignore=y**

Username: / as sysdba

Step-51(Ran at sqlplus prompt)

set lines 200 pages 200

  colhost\_name for a30

SELECT [a.name](http://a.name/),

a.open\_mode,

a.log\_mode,b.logins,b.host\_name,

TO\_CHAR(b.STARTUP\_TIME, 'DD-MON-YYYY HH24:MI:SS') STARTUP\_TIME

FROM v$database a, v$instance b;

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

Send out put to user

**Step -51**

**To run script**

**Ksh script name database name**

**Ex**

**To disable the trigger**

**SQL> SQL> alter trigger ON\_LOGON disable;**

**Trigger altered.**

**SQL>descdba\_triggers**

**Name                                                                                                              Null?    Type**

**----------------------------------------------------------------------------------------------------------------- -------- ----------------------------------------------------------------------------**

**OWNER                                                                                                                      VARCHAR2(30)**

**TRIGGER\_NAME                                                                                                               VARCHAR2(30)**

**TRIGGER\_TYPE                                                                                                               VARCHAR2(16)**

**TRIGGERING\_EVENT                                                                                                           VARCHAR2(227)**

**TABLE\_OWNER                                                                                                                VARCHAR2(30)**

**BASE\_OBJECT\_TYPE                                                                                                           VARCHAR2(16)**

**TABLE\_NAME                                                                                                                 VARCHAR2(30)**

**COLUMN\_NAME                                                                                                                VARCHAR2(4000)**

**REFERENCING\_NAMES                                                                                                          VARCHAR2(128)**

**WHEN\_CLAUSE                                                                                                                VARCHAR2(4000)**

**STATUS                                                                                                                     VARCHAR2(8)**

**DESCRIPTION                                                                                                                VARCHAR2(4000)**

**ACTION\_TYPE                                                                                                                VARCHAR2(11)**

**TRIGGER\_BODY                                                                                                               LONG**

**CROSSEDITION                                                                                                               VARCHAR2(7)**

**BEFORE\_STATEMENT                                                                                                           VARCHAR2(3)**

**BEFORE\_ROW                                                                                                                 VARCHAR2(3)**

**AFTER\_ROW                                                                                                                  VARCHAR2(3)**

**AFTER\_STATEMENT                                                                                                            VARCHAR2(3)**

**INSTEAD\_OF\_ROW                                                                                                             VARCHAR2(3)**

**FIRE\_ONCE                                                                                                                  VARCHAR2(3)**

**APPLY\_SERVER\_ONLY                                                                                                          VARCHAR2(3)**

**To check that tigger is disabled or not**

**SQL> select TRIGGER\_NAME,STATUS from dba\_triggers where TRIGGER\_NAME=** ‘**ON\_LOGON ';**

**TRIGGER\_NAME                   STATUS**

**------------------------------ --------**

**ON\_LOGON                       DISABLED**

**SQL>**

**To run this scripts----**

**/net/build/export/DBdatabase/DBoracle/scripts/DB\_TOOLS\_PRIV\_setup.sql**

**Grant succeeded.**

**--  Register with DBRS/UMSS**

**Connected.**

**----Enter value for proxy\_name: lnpar2u2\_uat**

CONCLUSION

By working on the project i have added new abilities to my repertoire of skills.In future I’m looking forward to being a core DBA .Also, I want to complete oracle certification and become an ORACLE CERTIFIED PROFESSIONL.

REFERENCES

* Internet.
* Oracle 11g –Jason price.
* Oracle Database 11g DBA Handbook-Bob Bryla and Kevin Loney.