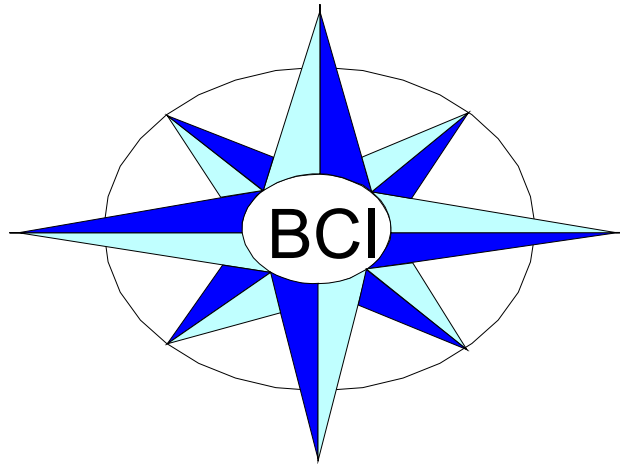


Practical Exercise 3 Key (Relational Database Architecture)



ORACLE DBA I PHASE I

Practical Exercise 1

Relational Database Architecture

DIRECTIONS: You must be logged on as a user with DBA privileges. Follow the directions provided for each question. Provide your answer in the space provided. You will have 25 minutes to complete this exercise. DO YOUR OWN WORK!

1. Using SQL*Plus or Enterprise Manager, what is the maximum size of the SGA? Logged in as system.

Answer: show sga

2. What is the size of the SGA TARGET?

Answer: show parameter sga_target

3. Using the dynamic performance tables V\$DATAFILE & V\$LOGFILE, what directories are the data and logfiles in after database creation?

Answer: select name from V\$DATAFILE; select member, group# from V\$LOGFILE

4. How big is the Database buffer cache?

Answer: select component, current_size from V\$SGA_DYNAMIC_COMPONENTS

5. Identify and record the number of control files for your current database and where they located.

Answer: select name from V\$CONTROLFILE

6. How many tablespaces are there in the ORCL or ORCL2 database?

Answer: select tablespace_name from V\$TABLESPACE

7. What data dictionary view allows you to see the tablespace_name, file_name and size in bytes of your datafiles?

Answer: dba_data_files

8. Find out the number of TABLE extents that are used by the IDL_UB1\$ table owned by SYS. (Hint: desc the dba_segments table)

Answer: desc dba_extents
Select segment_name, max(extents)
From dba_segments
WHERE SEGMENT_NAME = 'IDL_UB1\$'
Group by segment_name
Order by 2