

Oracle Structure Interview Questions and Answers Pdf

Question: 1

What is database buffer cache advisor?

Database buffer cache advisor is one of the many advisors, which advise the database administrator about the optimum size of the database buffer.

The buffer cache is part of the memory that holds copies of data blocks for queries and Data Manipulation Language (DML) operations.

Question: 2

What are the advantages of using locally managed tablespace?

Following are the major advantages of locally managed tablespace.

Reduced contention on data dictionary tables

No rollback generated

No coalescing required

Reduced recursive space management

Question: 3

What is PCTFREE?

PCTFREE is used to determine the portion of a block that should be left un-used for future updates.

Question: 4

Define the redo log group and the redo log member?

Redo log group is a set of identical redo log files.

Each log file in the group is referred to as a redo log member.

A database needs to maintain at least two redo log groups.

Question: 5

Can you recover a control file?

No, A backup of control file generates a script to create a new control file.

Question: 6

What is the control file?

Control file is a file that contains all the information about the physical structure of the database, such as number of log files and their location.

Oracle database server uses control file to find its physical component.

Question: 7

What is PCTINCREASE?

PCTINCREASE determines the size of next extent with respect to the current extent.

Question: 8

What happens when control file is damaged?

You cannot restore the database if control file is damaged.

Question: 9

How does row chaining affects the performance?

Chained rows do not affect the performance if we need to fetch data from the first block only.

It affects the performance only if we need to fetch data from any other block besides the first block.

Question: 10

What is Automatic Segment Space Management (ASSM)?

ASSM is a method used by Oracle to manage space inside data blocks.

It eliminates the need to specify parameters, such as PCTUSED, freelist and freelist groups, for objects created in the tablespace.