

1. Write different stages of shutting down database.
2. Write different stages of starting up database.
3. What is alert log?
4. What is the default location of alert log in 10g?
5. Do some research and write the default location of alert log in 11g?
6. How is alert log named?
7. What kind of information is in alert log?
8. If alert log is accidentally deleted, can you start the database?
9. If you get a call from a developer and he cannot connect to database, what are some of the steps he can take on **client side**?

10. If clients cannot connect to database, what are some of the steps you can take on **server side**?

11. What is ORACLE_BASE?

12. How to find the location of ORACLE_BASE?

13. Describe in your own words, what is ORACLE_HOME?

14. How to find the location of ORACLE_HOME?

15. What is TNS_ADMIN?

16. How to find the location of TNS_ADMIN?

17. What is the purpose of listener?

18. What is the default port listener is configured in oracle?

19. What is the difference between a service name Vs Net Service name (sometimes also called as Connect Identifier)?

20. How to create a connect identified (on the client side). Start from very basic step.

21. Describe what takes place when Tom connects to PrimeDG database from his laptop to server? Write each step as much as you can.

22. How to check how many listeners are up?

23. How to check how many databases are up?

24. How to check the listener status. Assuming listener name is LISTENER.

25. How to check all the services registered in listener called LISTENER?

26. How to stop a listener called LSNR1533?

27. How to start a listener called LSNR1588?

28. How to reload a listener called LISTENER?

29. How to turn on listener tracing for admin (for DBA)?

Hint:

```
moid@Linux-223:(PrimeDG)$ lsnrctl
```

```
LSNRCTL> help
```

```
The following operations are available
```

```
An asterisk (*) denotes a modifier or extended command:
```

```
start stop status
```

```
services version reload
```

```
save_config trace spawn
```

```
change_password quit exit
```

```
set* show*
```

```
LSNRCTL> help trace
```

```
trace OFF | USER | ADMIN | SUPPORT [<listener_name>]: set tracing to the specified level
```

Answer:

```
LSNRCTL> trace admin
```

```
Connecting to (ADDRESS=(PROTOCOL=tcp)(HOST=)(PORT=1521))
```

```
Opened trace file: /u01/app/oracle/product/10.2.0/db_1/network/trace/listener.trc
```

```
The command completed successfully
```

```
LSNRCTL>
```

30. How to turn off listener tracing?

31. What are the different types of network tracing? Provide an example.

32. Can we register a single port (say 1521) in two different listeners?

33. Can two listeners have the same name but different ports assigned to them?

34. Which Oracle utility is used to create a listener or a tnsentry in tnsnames.ora file?

35. What is the purpose of tnsnames.ora file?