Oracle Errors Interview Questions And Answers Guide.

Global Guideline.

Oracle Errors Job Interview Preparation Guide.

Question # 1

ORA-12510: TNS:database temporarily lacks resources to handle the request?

Answer:-

Cause: The dispatchers appear to be busy handling other
requests.
Action: Attempt the connection again. If error persists, ask
the DBA to increase the number of dispatchers and/or
dispatchers' limit on number of connections/sessions that
they can accept.

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Question # 2

ORA-12502: TNS:listener received no CONNECT_DATA from client?

Answer:-

Cause: No CONNECT_DATA was passed to the listener.
Action: Check that the service name resolved from
TNSNAMES.ORA has the CONNECT_DATA component of the connect
descriptor.

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Question # 3

ORA-12518: TNS:listener could not hand off client connection?

Answer:-

Cause: The process of handing off a client connection to
another process failed.
Action: Turn on listener tracing and re-execute the
operation. Verify that the listener and database instance
are properly configured for direct handoff. If problem
persists, call Oracle Support.

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Question # 4

ORA-12516: TNS:listener could not find available handler with matching protocol stack?

Answer:-

Cause: None of the known and available service handlers for
the given SERVICE_NAME support the client's protocol stack:
transport, session, and presentation protocols.
Action: Check to make sure that the service handlers (e.g.
dispatchers) for the given SERVICE_NAME are registered with
the listener, are accepting connections, and that they are
properly configured to support the desired protocols.

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Question # 5

ORA-12509: TNS:listener failed to redirect client to service handler?

Answer:-

Cause: The dispatcher terminated unexpectedly
Action: Attempt to connect again and if the same error
occurs, contact the DBA to check the state of the

dispatchers for this SID. If the problem persists, turn on
tracing in the listener to determine the TNS error caused by
the redirect.

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Question # 6

ORA-12508: TNS:listener could not resolve the COMMAND given?

Answer:-

Cause: d by incompatible Oracle Net or Net8 versions. Do not
include in error manual.
Action: This is not seen in normal use of Oracle Net.

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Question # 7

ORA-12515: TNS:listener could not find a handler for this presentation?

Answer:-

Cause: None of the listener's known service handlers are
registered as supporting the presentation protocol required
by the connecting client.
Action: Check that the destination service is configured to
accept the presentation protocol.

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Question # 8

ORA-12513: TNS:service handler found but it has registered for a different protocol?

Answer:-

Cause: The dispatchers registered for this service are
connected to the listener by way of a different network
protocol than that of the client.
Action: Contact the DBA to register a dispatcher on your
protocol.

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Question # 9

ORA-12520: TNS:listener could not find available handler for requested type of server?

Answer:-

Cause: None of the known and available service handlers for
requested type of server (dedicated or shared) are
appropriate for the client connection.
Action: Run "lsnrctl services" to ensure that the
instance(s) have registered with the listener and that the
appropriate handlers are accepting connections.

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Question # 10

ORA-12519: TNS:no appropriate service handler found?

Answer:-

Cause: The listener could not find any available service
handlers that are appropriate for the client connection.
Action: Run "lsnrctl services" to ensure that the
instance(s) have registered with the listener, and are
accepting connections.

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Question # 11

ORA-12504: TNS:listener was not given the SID in CONNECT_DATA?

Answer:-

Cause: The SID was missing from the CONNECT_DATA.
Action: Check that the connect descriptor corresponding to
the service name in TNSNAMES.ORA has an SID component in the
CONNECT_DATA.

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Question # 12

ORA-12514: TNS:listener does not currently know of service requested in connect descriptor?

Answer:-

Cause: The listener received a request to establish a connection to a database or other service. The connect descriptor received by the listener specified a service name for a service (usually a database service) that either has not yet dynamically registered with the listener or has not been statically configured for the listener. This may be a temporary condition such as after the listener has started, but before the database instance has registered with the listener.

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Question # 13

ORA-12511: TNS:service handler found but it is not accepting connections?

Answer:-

Cause: The dispatchers notified the listener that they temporarily do not accept new connections.
Action: Attempt the connection again. If error persists, contact the DBA to check the state of the dispatchers and/or ask him to increase the number of dispatchers.

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Question # 14

ORA-12505: TNS:listener does not currently know of SID given in connect descriptor?

Answer:-

Cause: The listener received a request to establish a connection to a database or other service. The connect descriptor received by the listener specified a SID for an instance (usually a database instance) that either has not yet dynamically registered with the listener or has not been statically configured for the listener. This may be a temporary condition such as after the listener has started, but before the database instance has registered with the listener.

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Question # 15

ORA-12521: TNS:listener does not currently know of instance requested in connect descriptor?

Answer:-

Cause: The listener received a request to establish a connection to a database or other service. The connect descriptor received by the listener specified in addition to the service name an instance name for an instance (usually a database instance) that either has not yet dynamically registered with the listener or has not been statically configured for the listener. This may be a temporary condition such as after the listener has started, but before the database instance has registered with the listener.

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