1Z0-102^{Q&As}

Oracle WebLogic Server 11g: System Administration

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QUESTION 1

Indentify two requirements for in-memory session replication.

A. Clusters must contain an even number of members.

B. Web applications must be configured to use replication.

C. Web applications must be deployed as an archive file.

D. Cluster members must be started by using the Node Manager.

E. Web applications must be accessed via a proxy that supports session cookies

Correct Answer: BE

B: When in-memory replication is enabled for a web application, WebLogic Server copies session state from one server in the cluster (primary) to one other server

in the same cluster (secondary). The replica on the secondary server is kept up-to-date so that it may be used if the primary server fails.

E: To utilize in-memory replication for HTTP session states, you must access the WebLogic Server cluster using either a collection of Web servers with identically

configured WebLogic proxy plug-ins, or load balancing hardware.

If you choose to use load balancing hardware instead of a proxy plug-in, it must support a compatible passive or active cookie persistence mechanism, and SSL

persistence.

Note 1: In its default configuration, WebLogic Server uses client-side cookies to keep track of the primary and secondary server that host the client\\'s servlet session state. If client browsers have disabled cookie usage, WebLogic Server can also keep track of primary and secondary servers using URL rewriting. With URL rewriting, both locations of the client session state are embedded into the URLs passed between the client and proxy server. To support this feature, you must ensure that URL rewriting is enabled on the WebLogic Server cluster.

Note 2: To support automatic failover for servlet and JSP HTTP session states, WebLogic Server replicates the session state in memory. WebLogic Server creates a primary session state on the server to which the client first connects, and a secondary replica on another WebLogic Server instance in the cluster. The replica is kept up-to-date so that it may be used if the server that hosts the servlet fails. The process of copying a session state from one server instance to another is called in-memory replication.

Reference: eDocs Home > BEA WebLogic Server 8.1 Documentation > Using WebLogic Server Clusters > Failover and Replication in a Cluster, Failover and Replication in a Cluster

QUESTION 2

You monitor a running JDBC data source with the console and note the following values:

Current Capacity = 10 Current Capacity High Count = 20

Identify two plausible explanations for these metrics.

A. The pool size has increased.

B. The pool size has decreased.

C. The workload was higher than it is now.

D. The workload was lower than it is now.

E. The statement cache size is 10.

F. The statement cache size is 20.

Correct Answer: BC

The pool size has decreased from a maximum 20 to 10.

The workload has been 20. Now it is 10. The workload was higher.

Note: Current Capacity: The current count of JDBC connections in the connection pool in the data source.

Current Capacity High Count: Highest number of database connections available or in use (current capacity) in this instance of the data source since the data

source was deployed.

Note:

Incorrect answers:

E, F: The statement cache deals with statements. Current capacity and Current Capacity High Count deals with connections.

Statement Cache Size shows the total number of statements to cache for each connection in each instance of the data source. WebLogic Server can reuse

statements in the cache without reloading the statements, which can increase server performance. Each connection in the connection pool has its own cache of

statements.

Reference: Administration Console Online Help, JDBC Data Source: Monitoring: Statistics

QUESTION 3

Indentify two server attributes that you must configure to communicate with the server via HTTPS.

A. SSL Listen Address

B. SSL Listen Port

C. SSL Listen Port Enabled

D. Production Mode Enabled

E. Startup Mode

Correct Answer: BC

B: WebLogic Server supports SSL on a dedicated listen port which defaults to 7002. To establish an SSL connection, a Web browser connects to WebLogic Server by supplying the SSL listen port and the HTTPs schema in the connection URL, for example, https://myserver:7002.

C: Note: Enabling SSL under WLS 10.3

Steps to configure WLS for SSL:

1) Open the WLS console

2) Select from the Domain Structure -> (your domain) -> Environment -> Servers

3) Select the server from the Summary of Servers page you wish to configure for SSL.

4) Under the Settings for (server name) page, select the Configuration tab, then General tab (the defaults).

5) If WLS is running in production mode, select the Lock and Edit button.

6) Select the SSL Listen Port Enabled checkbox, and enter your preferred port in the SSL Listen Port.

7) Press the Save button.

8) If WLS is running in production mode, select the Release Configuration button.

Incorrect answers:

A: There is no such thing as SSL Listen address. Using a sloppy language it can be used as a synonym to SSL Listen Port. SSL Listen port do exist.

Reference: Oracle HTTP Server Attribute Descriptions

QUESTION 4

You have successfully created a global data source and connection pool via the administration console.

In which directory relative to the domain will this new data source and connection pool definition located?

A. in a directory named config/dataSource

B. in a directory named config/connPool

C. in a directory named config/resources

D. in a directory named config/jdbc

E. in a directory named config

Correct Answer: D

When you create a JDBC resource (data source or multi data source) using the Administration Console or using the WebLogic Scripting Tool (WLST), WebLogic Server creates a JDBC module in the config/jdbc subdirectory of the

domain directory, and adds a reference to the module in the domain\\'s config.xml file.

Reference: Configuring WebLogic JDBC Resources

QUESTION 5

YCMJ are viewing the deployments in the administration console. A web application that is targeted to the Managed Server named server01 has a State of "Now." Which statement best explains this State?

A. Server01 is running and the application has been installed.

B. Sarver01 is shut down and the application has been installed.

C. Server01 is running and the application has not been installed.

D. Server01 is shut down and the application has not been installed.

E. Server01 is running and the application was installed for the first time.

F. Server01 is running and the application has been installed, but is not servicing requests.

Correct Answer: E

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