



BEA 0B0-108

Exam Name: System Administration Exam

Q & A : 70 Q&As

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Exam : BEA Systems 0B0-108

Title : BEA9 Certified Administrator: System Administration Exam

1. In a multi-server WebLogic domain, monitoring the JVM statistics showed frequent full garbage collections (gc) on one of the server instances. Which one of the following would greatly reduce the frequency of full gc's?

- A. Increasing the young object space in the heap
- B. Turning the -verbosegc flag on
- C. Adding more servers to the domain
- D. Running more servers per machine

Answer: A

2. During an upgrade process, which one of the following is NOT converted to 9.x by the upgrade wizard?

- A. User scripts
- B. User file store persisted data
- C. User tlog
- D. User in-flight transactions

Answer: A

3. Scenario : You have made the decision to migrate all your operations onto WebLogic Server. An application has been chosen from each department for the initial phase of migration one from each of Sales, Marketing, Accounts, and Customer Service. The applications will be deployed as individual EAR files to a cluster of WebLogic Server 9.x instances, each with a pool of connections to an Oracle 10g database that provides corporate and departmental data services. The database team hopes to upgrade the database to use Oracle RAC (Real Application Clusters) shortly, which will require you to configure multiple sets of connections. Connectivity to the existing Service Engineer Dispatch system is via a JMS message bridge. When a service engineer calls in with a report, a message is sent via JMS to the Customer Service application deployed in WebLogic Server. The customer record in the Customer Service database must be updated with details from the message. It is important that the message is not lost because the call management system is not able to resend messages. To address this, the Customer Service application is accessing a persistent JMS Queue using an XA compatible connection factory. Before deploying it into the test environment, you review the configuration of the Sales department's Enterprise Application, which is meant to contain a JDBC Application Module you are concerned that it may not have been built correctly. Which of the following is not a requirement for JDBC modules?

- A. It is contained in a file that ends in -jdbc.xml.
- B. It includes an element that lists its targets.
- C. It conforms to the weblogic-jdbc.xsd schema.
- D. It includes a unique name element.

Answer: B

4. Scenario : You have made the decision to migrate all your operations onto WebLogic Server. An application has been chosen from each department for the initial phase of migration one from each of Sales, Marketing, Accounts, and Customer Service. The applications will be deployed as individual EAR files to a cluster of WebLogic Server 9.x instances, each with a pool of connections to an Oracle 10g database that provides corporate and departmental data services. The database team hopes to upgrade the database to use Oracle RAC (Real Application Clusters) shortly, which will require you to configure multiple sets of connections. Connectivity to the existing Service Engineer Dispatch system is via a JMS message bridge. When a service engineer calls in with a report, a message is sent via JMS to the Customer Service application deployed in WebLogic Server. The customer record in the Customer Service database must be updated with details from the message. It is important that the message is not lost because the call management system is not able to resend messages. To address this, the Customer Service application is accessing a persistent JMS Queue using an XA compatible connection factory. The database team informs you that they have now implemented Oracle Real Application Clusters (RA for the Customer Service database, and applications should connect to a second database node if the primary node is unavailable. You set up a Multi Data Source in Failover mode, which is configured to use two Data Sources PrimaryDS and SecondaryDS, each connecting to one Oracle RAC node. WebLogic Server will fail over to SecondaryDS if a connection test to PrimaryDS fails. Under what other condition will this happen by default (that is, with no additional options checked)?

- A. If a connection to PrimaryDS is not released within Statement Timeout seconds.
- B. If all the connections to PrimaryDS are in use.
- C. If the administrator has suspended the PrimaryDS Data Source.
- D. Failover will only occur if a connection test fails for a PrimaryDS connection.

Answer: C

5. What are the four basic components of a JMS system-resource module in the config.xml in WebLogic x?

- A. Name, target, subdeployment, descriptor-file-name
- B. Domain, jms-server, connection factory, destination
- C. Config.xml, jms-module, subdeployment, descriptor-file-name
- D. Name, jms-module, subdeployment, descriptor-file-name

Answer: A

6. When configuring JMS Modules using the WebLogic Administration Console or WLST, the module information will be stored in:

- A. <modulename> stanza in the weblogic-application.xml file.
- B. <modulename> stanza in the configconfig.xml file.
- C. <domain>/config/jms/<modulename>-jms.xml file
- D. <domain>/servers/<servername>/targets/jms/<modulename>_<servername>.xml

Answer: C

7. Given the following: wlst:/offline> configToScript() the generated WLST script, by default, will be written to:

- A. <base_domain>/config

- B. <base_domain>/config/deployment
- C. <base_domain>
- D. <base_domain>/servers

Answer: A

8. What redeployment strategy is recommended to upgrade the web applications and enterprise applications that demand uninterrupted client access and without changing the client's state information?

- A. In-Place redeployment
- B. Production redeployment
- C. Partial redeployment of static files
- D. Partial redeployment of J2EE modules

Answer: B

9. Scenario : You have made the decision to migrate all your operations onto WebLogic Server. An application has been chosen from each department for the initial phase of migration one from each of Sales, Marketing, Accounts, and Customer Service. The applications will be deployed as individual EAR files to a cluster of WebLogic Server 9.x instances, each with a pool of connections to an Oracle 10g database that provides corporate and departmental data services. The database team hopes to upgrade the database to use Oracle RAC (Real Application Clusters) shortly, which will require you to configure multiple sets of connections. Connectivity to the existing Service Engineer Dispatch system is via a JMS message bridge. When a service engineer calls in with a report, a message is sent via JMS to the Customer Service application deployed in WebLogic Server. The customer record in the Customer Service database must be updated with details from the message. It is important that the message is not lost because the call management system is not able to resend messages. To address this, the Customer Service application is accessing a persistent JMS Queue using an XA compatible connection factory. When starting WebLogic Server, the Marketing database is unavailable. Which of these Data Source configuration options will ensure that the Marketing application can access its database once it becomes available again?

- A. Test Connections On Reserve
- B. Test Frequency
- C. Connection Creation Retry Frequency
- D. Login Delay
- E. Profile Connection Reservation Wait

Answer: C

10. Which one of the following does NOT depict the difference between production and development mode in WebLogic Server 9.x?

- A. When starting in development mode, log files are automatically rotated; in production mode, the log files are rotated after reaching 500k.
- B. The JDBC default connection in development is 15, in production, it is 25.
- C. WLS automatically deploys applications in the domain_name/autodeploy directory; in production, there is no auto deploy.
- D. The default number of execute threads for the default queue in development is 15, in production is 25

Answer: D

11. Scenario : The Stock Control Application you are going to deploy to a cluster of WebLogic Managed Servers requires a JMS destination to asynchronously deliver the messages to the back-end Warehousing Application. To distribute the messages across the cluster, you decided to configure the distributed destination. Also the Warehousing Application is a legacy application written to implement a proprietary MQ API connecting an MQ-Series server. The Stock Control Application is implemented as a web application on a WebLogic cluster delivering the message to the distributed destination. The cluster has three Managed Servers hosted on two high powered machines and one low range/power machine.

To distribute the physical destinations unevenly across the clustered WebLogic Managed Servers so that the high-powered machines can receive more messages than the low-powered machines, configure the distributed destination with:

- A. "Allocate Members Uniformly" set to false and manually select more physical destinations from the high-powered machines
- B. "Uneven Distribution" set to true and select all the physical destinations
- C. "Uniform Distribute Destination" set to true and select all the physical destinations from the high-powered and low- powered machines
- D. "Load Balancing Policy" set to Random and select only the destination from the high-powered machine

Answer: A

12. Scenario : You have made the decision to migrate all your operations onto WebLogic Server. An application has been chosen from each department for the initial phase of migration one from each of Sales, Marketing, Accounts, and Customer Service. The applications will be deployed as individual EAR files to a cluster of WebLogic Server 9.x instances, each with a pool of connections to an Oracle 10g database that provides corporate and departmental data services. The database team hopes to upgrade the database to use Oracle RAC (Real Application Clusters) shortly, which will require you to configure multiple sets of connections. Connectivity to the existing Service Engineer Dispatch system is via a JMS message bridge. When a service engineer calls in with a report, a message is sent via JMS to the Customer Service application deployed in WebLogic Server. The customer record in the Customer Service database must be updated with details from the message. It is important that the message is not lost because the call management system is not able to resend messages. To address this, the Customer Service application is accessing a persistent JMS Queue using an XA compatible connection

factory.

In the future, each department will have its own schema within the Oracle database and the developers are writing their code with this in mind. However, for now, it has been decided to store all data in a single, company-wide schema. Which of the following approaches will make a future move to multiple schema simple, while making the most efficient use of resources today?

- A. Deploy an application-scoped Data Source module with each application.
- B. Deploy a Data Source system module and assign it multiple JNDI names.
- C. Deploy each department's application to its own WebLogic server.
- D. Deploy a Data Source system module for each department's application.

Answer: B

13. Scenario : You have made the decision to migrate all your operations onto WebLogic Server. An application has been chosen from each department for the initial phase of migration one from each of Sales, Marketing, Accounts, and Customer Service. The applications will be deployed as individual EAR files to a cluster of WebLogic Server 9.x instances, each with a pool of connections to an Oracle 10g database that provides corporate and departmental data services. The database team hopes to upgrade the database to use Oracle RAC (Real Application Clusters) shortly, which will require you to configure multiple sets of connections. Connectivity to the existing Service Engineer Dispatch system is via a JMS message bridge. When a service engineer calls in with a report, a message is sent via JMS to the Customer Service application deployed in WebLogic Server. The customer record in the Customer Service database must be updated with details from the message. It is important that the message is not lost because the call management system is not able to resend messages. To address this, the Customer Service application is accessing a persistent JMS Queue using an XA compatible connection factory.

Before deploying it into the test environment, you review the configuration of the Sales department's Enterprise Application, which is meant to contain a JDBC Application Module ?you are concerned that it may not have been built correctly. Most of an application's deployment descriptors only reference the JDBC module using a JNDI name. Which file listed below is the only one that refers directly to the JDBC Application Module file?

- A. config.xml
- B. application.xml
- C. weblogic-ejb-jar.xml
- D. weblogic-application.xml

Answer: D

14. WebLogic store-and-forward service is used for:

- A. Storing and forwarding the configuration reliably to all the Managed Servers in a cluster
- B. Storing log messages and forwarding them to the administration server for creating the Domain Log
- C. Storing and delivering JMS messages reliably between applications across WebLogic Server 9.x instances
- D. Storing and forwarding EJB requests reliably to a back-end EJB cluster

Answer: C

15. The default location for storing JMS persistent messages in WebLogic Server 9.x is:

- A. Database Store using JDBC
- B. WebLogic Persistent Store using a file
- C. LDAP server using the embedded LDAP server
- D. Remote server using t3 socket buffering

Answer: B

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