1Z0-599^{Q&As}

Oracle WebLogic Server 12c Essentials

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QUESTION 1

You want to migrate an application that was developed for OAS/OC4J to WebLogic. The application uses Oracle Streams Advanced Queuing (AQ). You configured a Foreign JMS Server and Data Source but you are not able to send messages to the AQ destination and see them reach the database. Which two things are missing in this configuration?

A. nothing, there may be a network connection issue

B. a Foreign JMS Connection Factory

C. a JMS Bridge to map the JNDI of the Local JMS Destination to the remote AQ destination

D. a mapping of the Foreign JMS Connection Factory to the Data Source where AQ is configured and installed.

E. Oracle AQ Java EE Shared Libraries not deployed and referenced by your application

Correct Answer: CE

C:

*

A WebLogic Messaging Bridge communicates with the configured source and target bridge destinations. For each mapping of a source destination to a target destination, you must configure a messaging bridge instance. Each messaging bridge instance defines the source and target destination for the mapping, a message filtering selector, a QOS, transaction semantics, and various reconnection parameters.

Note:

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In your JMS Foreign Server configuration:

/ Specify oracle.jms.AQjmsInitialContextFactory as the JNDI Initial Context Factory. / Configure the JDBC

data sources needed for your application environment.

QUESTION 2

In the area of Performance Management and Diagnostics, which feature is supported in Oracle Enterprise Manager 12C?

A. Search information in logs across multiple domains

B. View different log information in single console location

C. Save current performance data as baseline to be used in comparison with future data

D. Provides single dashboard across multi-tier composite application

Correct Answer: A

QUESTION 3

You installed WebLogic, SOA Suite, and Oracle Service Bus on a machine and want to use the WebLogic Node Manager to start servers for each product. Which statement is true?

A. You need to install a separate node manager for each Middleware Home that has a unique and minor WebLogic Version Number.

B. You need to install and configure only one instance of Node Manager for all products, regardless of the WebLogic version number.

C. You need to install and configure a separate Node Manager for each domain of each product want to run on the machine.

D. You need to install one Node Manager but use separate SSL certificates for each product when securing the network communication to the machine.

Correct Answer: B

Note:

*

A Node Manager process is not associated with a specific WebLogic domain but with a machine. You can use the same Node Manager process to control server instances in any WebLogic Server domain, as long as the server instances reside on the same machine as the Node Manager process. Node Manager must run on each computer that hosts WebLogic Server instances--whether Administration Server or Managed Server--that you want to control with Node Manager.
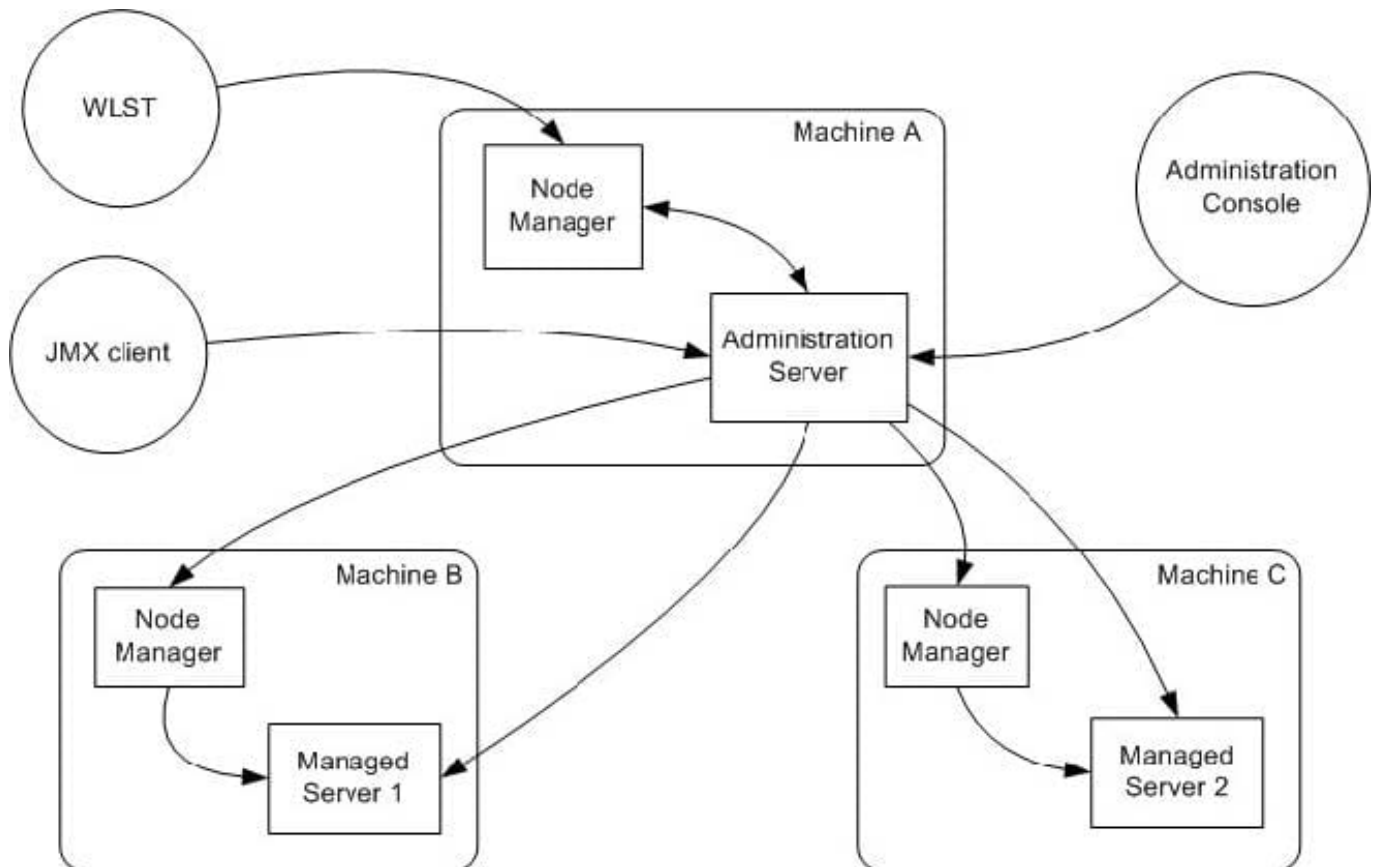
*

In managing multiple servers, Node Manager uses multiple configuration files and outputs log files to multiple directories.

*

nodemanager.domains This file contains mappings between the names of domains managed by Node Manager and their corresponding directories.

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Node Manager in the WebLogic Server Environment

Reference; Node Manager Administrator\\'s Guide for Oracle WebLogic Server 12c

QUESTION 4

An airline is building a booking system for its premium and general customers. The goal is to ensure

premium members are given higher access priority when user traffic is high.

What configuration will achieve this goal?

A. Configure a Work Manager for premium users with a Minimum Thread Constraint.

B. Configure a Work Manager for premium users with a higher fair-share-request- class.

C. Configure a Work Manager for premium users with a higher response-time- request-class.

D. Configure a Work Manager general users with a Maximum Thread Constraint.

E. Configure a Work Manager for premium users with a custom request-class.

Correct Answer: B

fair-share-request-class--Specifies the average thread-use time required to process requests. The default fair share value is 50.

For example, assume that WebLogic Server is running two modules. The Work Manager for ModuleA specifies a fair-share-request-class of 80 and the Work Manager for ModuleB specifies a fair-sharerequest-class of 20. During a period

of sufficient demand, with a steady stream of requests for each module such that the number requests exceed the number of threads, WebLogic Server will allocate 80% and 20% of the thread-usage time to ModuleA and ModuleB, respectively.

* Example:

 lowpriority_workmanager low_priority 10

 highpriority_workmanager high_priority 100

Note:

* A request class expresses a scheduling guideline that WebLogic Server uses to allocate threads to requests. Request classes help ensure that high priority work is scheduled before less important work, even if the high priority work is submitted after the lower priority work.

Incorrect:

Not C: response-time-request-class--Specifies a response time goal in milliseconds. Response time goals

are not applied to individual requests. Instead, WebLogic Server computes a tolerable waiting time for

requests with that class by subtracting the observed average thread use time from the response time goal,

and schedules requests so that the average wait for requests with the class is proportional to its tolerable

waiting time.

Not A, D: Not related to thread constraints.

For example, assume that WebLogic Server is running two modules. The Work Manager for ModuleA

specifies a fair-share-request-class of 80 and the Work Manager for ModuleB specifies a fair-sharerequest-class of 20.

QUESTION 5

Identify the two options that can be used to patch WebLogic Server without Incurring application downtime.

A. automated process using the Admin Server

B. automated using JDeveloper

C. manual process with or without Smart Update

D. scripted with WLST

E. automated process using Enterprise Manager 12c

Correct Answer: CD

Note:

* Rolling Upgrade is the process of upgrading a running WebLogic Server cluster with a patch, maintenance pack, or minor release without shutting down the entire cluster or domain. During the rolling upgrade of a cluster, each server in the cluster is individually upgraded and restarted while the other servers in the cluster continue to host your application.