



1Z0-599^{Q&As}

Oracle WebLogic Server 12c Essentials

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**QUESTION 1**

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 major 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 you want to run on the machine.
- D. You need to install one Node Manager but use separate SSL certificates for each product when searching the network communication to the machine

Correct Answer: B

Note:

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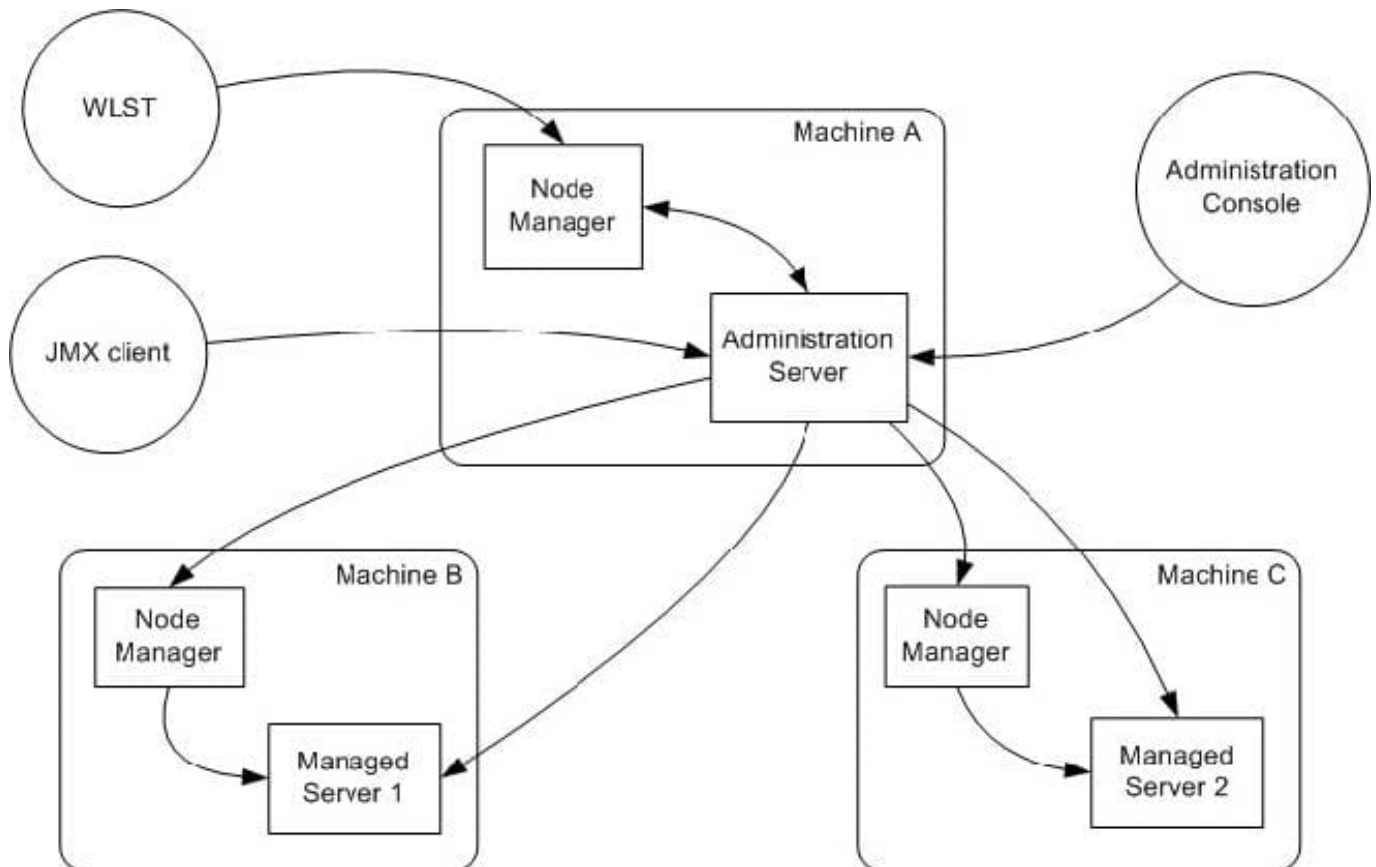
In managing multiple servers, Node Manager uses multiple configuration files and outputs log files to multiple directories.

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`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 2

In a Java EE messaging application, one MDB is consuming a lot of memory at high traffic. What configuration should you use to prevent possible out-of-memory error at high traffic and at the same time not losing messages?

- A. Configure a Work Manager for the MDB with a Maximum Thread Constraint.
- B. Configure a Work Manager for the MDB with a Minimum Thread Constraint.
- C. Configure a Work Manager for the MDB with a Maximum Thread Constraint and a Capacity Constraint.
- D. Configure a Work Manager for the MDB with a Minimum Thread Constraint and a Capacity Constraint.
- E. Configure a Work Manager for the MDB with both a Maximum Thread Constraint and Minimum Thread Constraint.

Correct Answer: B

Note: *

* When to Use Work Managers

Following are guidelines to help you determine when you might want to use Work Managers to customize thread management:



/ The default fair share is not sufficient.

This usually occurs in situations where one application needs to be given higher priority over another.

/ A response time goal is required.

/ A minimum thread constraint needs to be specified to avoid server deadlock

QUESTION 3

Assume that you would like to clone an existing WebLogic Domain and enable some customizations. What scenario would you choose?

- A. In the Enterprise Manager, find the domain to be cloned. Choose "Clone WebLogic Domain" from the context menu. In the graphical wizard, customize and extend the domain if needed. These steps will only clone only the domain configuration. Binaries with deployments are needed to be cloned by operation on the file system.
- B. In the Enterprise Manager, find the domain to be cloned. Choose "Clone WebLogic Domain" from the context menu. In the graphical wizard, customize the domain. These steps clone the binaries and domain configuration. If the extension is needed, perform it after cloning in the WebLogic web-based console.
- C. In the Enterprise Manager, find the domain to be cloned. Choose "Clone WebLogic Domain" from the context menu. In the graphical wizard, customize and extend the domain if it is needed. These steps clone the binaries and domain configuration.
- D. In the Enterprise Manager, find the domain to be cloned. Choose "Clone WebLogic Domain" from the context menu. These steps clone the binaries and domain configuration. If the customization or extension is needed, complete that after cloning in the WebLogic web-based console.
- E. In the file system, copy the domain structure of the configuration directory and paste it in the new location. Modify configuration files for address and port. If further customization is needed, open the WebLogic web-based console and perform these modifications.

Correct Answer: C

The Clone WebLogic Domain option launches a wizard that enables you to clone a WebLogic Domain from an existing reference domain that is already discovered with Cloud Control. It allows you to clone the Middleware Home and its binaries, and the domain configuration.

* If you selected the Cloning a WebLogic Domain option, the Middleware Provisioning: Domain Configuration page appears. This page contains a set of links to several pages where you can enter the properties that are most likely to be reconfigured like domain name, listen addresses for the administration server and managed servers, Node Manager/Machine configuration, and JDBC data sources.

QUESTION 4

Which two outcomes result when a domain is created in development mode?

- A. WebLogic server starts automatically upon the restarting of the machine
- B. each new cluster will automatically be created with two managed servers
- C. boot.properties file automatically stored



D. creation of an auto deploy folder used for the application to deploy automatically

E. Node Manager will be automatically configured

Correct Answer: CD

C: The saviour of having to type in the username and password each and every time that you start a server. A very useful little file to have, particularly if you have multiple managed servers.

By default, this appears in the Admin Servers security directory (\$DOMAIN_HOME/servers/AdminServer/ security) when a domain is created in development mode and is called boot.properties. The file is only created for the admin server, not for any additional servers; simply copying the security directory over is enough. The password is encrypted for the domain, so it can only be used for servers within that domain.

In production mode, the boot.properties file doesn't exist.

D: Development mode enables a WebLogic Server instance to automatically deploy and update applications that are in the domain_name/autodeploy directory (where domain_name is the name of a WebLogic Server domain). Production mode disables the auto-deployment feature and prevents any applications you place in the autodeploy directory after you switch to production mode from being deployed.

Note:

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By default, a WebLogic Server domain runs in development mode.

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You can run a WebLogic Server domain in two different modes: development and production. Only development mode allows you use the auto-deployment feature

QUESTION 5

Identify the three processes that customers can choose for patching WebLogic Server.

A. Download patches from My Oracle Support and manage them using Smart Update.

B. Use Enterprise Manager to download patches from My Oracle Support and apply patches to WebLogic.

C. Download patches from My Oracle Support and manually modify the classpath of the application server (though it is not recommended).

D. Download patches from My Oracle Support and apply them using the WebLogic Admin Console.

E. Use the Admin Console to connect to My Oracle Support and download patches and then target them to the domain.

Correct Answer: ABC

A: Oracle Smart Update is a standalone Java application that is automatically installed in the Middleware home utils/bsu directory. Smart Update simplifies the process of applying patches to your WebLogic Server installation. When support makes a patch available for an installed version of WebLogic Server, you download the patch from My Oracle Support and then use Oracle Smart Update to apply it to your installation. Smart Update organizes all available updates for you, and has several features that allow a great deal of customizing in the way various patches are applied and managed in your environment.



B: As part of a new Enterprise Manager system, the installation wizard does the following:

- * Oracle My Oracle Support Management Plug-In etc.

C: Applying patch from server start script:

After downloading the patch (jar file) follow the below steps:

- Stop your server.

- Then take the path of the folder which has the CRxxxxxx_xxxmpx.jar file and copy it in the CLASSPATH of setDomainEnv.cmd which is in

(/user_projects/domains//bin/setDomainEnv.cmd)

For example, the script would look something like this: set

CLASSPATH=%PRE_CLASSPATH%;%WEBLOGIC_CLASSPATH%;

C:\extra\my_projects\doc\CR\CR218639_920mp3.jar;C:\extra\my_projects\doc \CR\

CR360676_920mp3.jar;C:\extra\my_projects\doc\CR\CR367966_920mp3.jar;

C:\extra\my_projects\doc\CR\CR368155_920mp3.jar;C:\extra\my_projects\doc\CR\CR370311_ 920mp3.jar

- Re-start your server.

- You should see the patch applied in the stdout file.

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