



1Z0-102^{Q&As}

Oracle WebLogic Server 11g: System Administration

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**QUESTION 1**

While creating a new domain in the Configuration Wizard, there are two types of machines that may be configured. Identify them.

- A. Machine and Windows machine
- B. administrator machine and managed machine
- C. machine and Unix machine
- D. stand-alone machine and cluster machine
- E. RDBMS machine and LDAP machine

Correct Answer: B

Administrator machine:

The Choose the Administration Server window prompts you to designate a server as the Administration Server. This window is displayed automatically only if the

selected template includes multiple servers that are not assigned to clusters.

To choose the Administration Server:

1.
From the list of Available Servers, select the server that you want to designate as the Administration Server. The Administration Server cannot be assigned to a cluster.

2.
Select Next to proceed to the next configuration window.

The Server Details area displays detailed information about the selected server. By default, the currently assigned Administration Server is selected.

The Configure the Administration Server and Configure Managed Server(s) windows are updated to reflect your changes.

Managed machine:

The minimum requirement for your domain is a single Administration Server on a single machine. In addition, however, you have the option of configuring other

resources to be managed by the Administration Server and distributing them across multiple machines. Specifically, you can:

- *
- Add, change, or delete Managed Servers

*



Add, change, or delete clusters

*

Group Managed Servers into clusters, or change current groupings

*

Assign servers to machines, or change current assignments

Note: The Managed Servers, Clusters, and Machines Options window prompts you to specify whether you want to distribute your WebLogic configuration across

Managed Servers, clusters, and physical machines

Note 2:

The Configure Managed Servers window prompts you to provide the configuration information for one or more Managed Servers. Production environments

typically deploy one or more Managed Servers, in addition to the Administration Server, to host enterprise applications.

Reference: Creating WebLogic Configurations Using the Configuration Wizard, Configuring Managed Servers, Clusters, and Machines

QUESTION 2

You run the default startmanageWeblogic (.cmd in Windows) script as shown here: startmanageWeblogic.sh server1 http://192.168.1.102:8001.

What does this do?

- A. It starts the administration server named server1, which is running at 192.168.1.102.8001.
- B. It starts the managed server named server1, which is running at 192.168.1.102.8001.
- C. It starts the managed server named server1 whose Node Manager is running at 192.168.1.102.8001.
- D. It starts the Managed Server named server1 whose Administration Server is running at 192.168.1.102:8001.

Correct Answer: D

A Managed Server is a WebLogic Server instance that runs deployed applications. It refers to the Administration Server for all of its configuration and deployment

information. Usually, you use Managed Servers to run applications in a production environment.

See step 4 and 5 below in particular:

To use the WebLogic Server scripts to start Managed Servers:

1.

Refer to Starting Servers: Before You Begin for prerequisite tasks.



2.

If you have not already done so, create one or more Managed Servers.

See [Creating WebLogic Domains Using the Configuration Wizard](#) or "Create Managed Servers" in the Administration Console Online Help.

3.

Start the domain\\'s Administration Server.

4.

In a shell (command prompt) on the computer that hosts the Managed Server, change to the directory that contains the startManagedWebLogicscript:

```
DOMAIN_NAME\bin\startManagedWebLogic.cmd (Windows)
```

```
DOMAIN_NAME/bin/startManagedWebLogic.sh (UNIX)
```

where DOMAIN_NAME is the directory in which you located the domain. By default, this directory is BEA_HOME\user_projects\domains\DOMAIN_NAME.

5.

Enter one of the following commands:

```
startManagedWebLogic.cmd managed_server_name
```

```
admin_url (Windows)
```

```
startManagedWebLogic.sh managed_server_name
```

```
admin_url (UNIX)
```

where managed_server_name specifies the name of the Managed Server and admin_url specifies the listen address (host name or IP address) and port number

of the domain\\'s Administration Server.

For example, the following command uses startManagedWebLogic.cmd to start a Managed Server named myManagedServer. The listen address for the domain\\'s

Administration Server is AdminHost:7001:

```
c:\bea\user_projects\domains\mydomain\bin\startManagedWebLogic.cmd myManagedServer http://AdminHost:7001
```

6. For each Managed Server that you want to start, open a separate command shell and follow steps 4 and 5. If you are starting Managed Servers on another machine, log in to that machine (remotely or locally) and then follow steps 4 and 5.

Reference: [Starting Managed Servers with a Startup Script](#)

QUESTION 3



A domain created based on the Basic WebLogic Server Domain product has start scripts called startWebLogic.sh and startManagedWebLogic.sh (.cmd in Windows). Which three statements are true?

- A. startWebLogic.sh starts Node Manager.
- B. startWebLogic.sh has a required parameter.
- C. startManagedWebLogic.sh has a required parameter.
- D. startWebLogic.sh starts the Administration Server of the domain.
- E. startManagedWebLogic.sh can start any managed server in the domain.
- F. Both scripts can start any WebLogic Server, but each has different default parameter values.

Correct Answer: CDE

C: If you created Managed Server while creating domain then you can start Managed Server using startManagedWebLogic command

\$BEA_HOME/user_projects/domains//bin

startManagedWebLogic.cmd (for Windows) startManagedWebLogic.sh (for Unix)

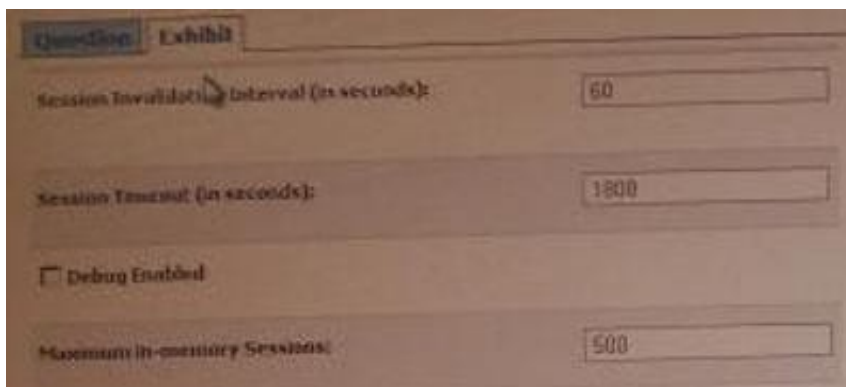
Assume that we a created Managed Server MS1 with Admin Port as 7003. startManagedWebLogic.cmd ms1 http://localhost:7003 (Windows)

D: Starting Administration Server (startWebLogic.cmd or .sh)

E: Starting Managed Server (startManagedWebLogic.sh or .cmd)

QUESTION 4

View the Exhibit.



You previously deployed an application but later decide to change various configuration parameters, such as timeouts. You access the application's Configuration

tab in the console and make your configurations, as shown in the Exhibit.

In which file does WebLogic record these modifications?



- A. config.xml
- B. weblogic.xml
- C. Application.xml
- D. Plan.xml

Correct Answer: D

The following attributes are displayed in the exhibit:

Session Invalidation Interval (in seconds)

Session Timeout (in seconds)

debug-enabled

Maximum in-memory Sessions

These attributes are stored in the weblogic.xml file as the following elements:

invalidation-interval-sec

timeout-secs

debug-enabled

max-in-memory-sessions

Incorrect answers:

A: config.xml does not contain session related information.

The config.xml file consists of a series of XML elements. The Domain element is the top-level element, and all elements in the Domain are children of the Domain

element. The Domain element includes child elements, such as the Server, Cluster, and Application elements. These child elements may have children

themselves.

For example, the Server element includes the child elements WebServer, SSL and Log. The Application element includes the child elements EJBComponent and WebAppComponent. Each element has one or more configurable attributes. An attribute has a corresponding attribute in the configuration API. For example, the Server element has a ListenPort attribute, and likewise, the weblogic.management.configuration.ServerMBean class has a ListenPort attribute.

Reference: weblogic.xml Deployment Descriptor Elements

QUESTION 5

A client accesses a web application named companystore that is running on WebLogic Server. After adding several items to the shopping cart, the host server crashes. The client is automatically redirected to another server by a proxy, but the shopping cart is now empty. Which WebLogic Server feature would you enable to remedy this situation?



- A. Application Persistence
- B. Message Persistence
- C. Session Replication
- D. Dynamic Failover
- E. Stateful Pooling

Correct Answer: C

In order for a cluster to provide high availability it must be able to recover from service failures. In clusters that utilize Web servers with WebLogic proxy plug-ins, the proxy plug-in handles failover transparently to the client. If a server fails, the plug-in locates the replicated HTTP session state on a secondary server and redirects the client's request accordingly.

Reference: Using WebLogic Server Clusters, Failover and Replication in a Cluster

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