# Question 1

Your development team has created a GAR deployment that enables Coherence caching for an application. The GAR file is configured to work within both storage-enabled and storage-disabled nodes.

How would you package your GAR as part of the WebLogic Server deployment process for your application? (Choose the best answer.)

## Options:

**A-** as an EAR module on storage-disabled nodes and standalone on storage-enabled nodes

**B-** as an EAR module on storage-enabled nodes and standalone on storage-disabled nodes

**C-** within a WAR on storage-disabled nodes and within an EAR on storage-enabled nodes

**D-** within a WAR on storage-enabled nodes and within an EAR on storage-disabled nodes

## Answer:

A

## Explanation:

Managed Coherence servers are distinguished by their role in the cluster. A best practice is to use different managed server instances (and preferably different WebLogic Server clusters) for each cluster role.

* storage-enabled -- a managed Coherence server that is responsible for storing data in the cluster. Coherence applications are packaged as Grid ARchives (GAR) and deployed on storage-enabled managed Coherence servers.

* storage-disabled -- a managed Coherence server that is not responsible for storing data and is used to host Coherence applications (cache clients). A Coherence application GAR is packaged within an EAR and deployed on storage-disabled managed Coherence servers.

# Question 2

**Question Type:** **MultipleChoice**

You manage an application that uses SAML tokens from a trusted voucher to provide single sign-on for virtual clients of your WebLogic domain. Your domain uses an identity assertion provider to manage this authentication.

Clients are failing to authenticate. Client return codes and server log files do not include any useful information that can he used to discern where the issue lies.

What do you do to determine the problem?

## Options:

**A-** Configure SAML and provider debugging, perform a test client request, and analyze the server logs for errors.

**B-** Inspect network packets to examine token data because, for security purposes, the server does not provide detailed information.

**C-** Configure the security debug log, perform a test client request, and analyze the log for errors.

**D-** Reorder the SAML identity asserter provider to determine if the problem is related to virtual users.

## Answer:

A

## Explanation:

You can enable debug scopes or attributes by passing them as options in the command that starts WebLogic Server. You can configure SAML debugging either through command line options by using the WebLogic Server Administration Console.

# Question 3

**Question Type: MultipleChoice**

What is the file extension for a domain extension template? (Choose the best answer.)

**A-** .jar

**B-** .zip

**C-** .ext

**D-** .tpl

**E-** .war

**F-** .ear

## Answer:

A

## Explanation:

The WebLogic Server Default Domain Extension Template filename is wls_default.jar. It extends the Basic WebLogic Server domain with a web application designed to guide new users through an introduction to WebLogic Server.

# Question 4

You are tasked with creating an Extension Template for an existing domain.

What are three options that are presented during the extension creation process? (Choose three.)

## Options:

**A-** Use Domain as a Source

**B-** Use Template as a Source

**C-** Scripts and Files

**D-** SQL Script Files

**E-** Company Name

**F-** Revision Number

**G-** Creation Date

**H-** Operating System requirement

## Answer:

A, B, D

## Explanation:

AB: The Select a Template Configuration Source window prompts you to choose the application template or domain directory from which you want to create an extension template.

D: The Import SQL Scripts window prompts you to add SQL scripts for each database that you expect to be used with the domains created from this template.

# Question 5

You have an application already deployed in a production environment that needs a modification to one of its tuning parameters. Currently, that tuning parameter has a default value since there was neither a deployment descriptor used nor a deployment plan included with the application deployment. You now attempt to use the Administration Console web application to make a dynamic modification to that parameter.

Which statement is true? (Choose the best answer.)

## Options:

**A-** A new deployment plan will be generated and saved at the indicated location.

**B-** The modification attempt will fail because there is no deployment descriptor included within the application.

**C-** The modification attempt will fail because there is no existing deployment plan associated with the application.

**D-** A new skeleton plan.xml will be generated if a plan folder is detected with the deployed application.

## Answer:

D

## Explanation:

Defining tuning parameters is not required in order to successfully deploy an application. If an application's deployment descriptors and deployment plan do not define tuning parameters, WebLogic Server uses default values. The Administration Console automatically uses a deployment plan named plan.xml in the \plan subdirectory of an application root directory if one is available.

# Question 6

**Question Type:** **MultipleChoice**

You are monitoring a WebLogic JDBC data source and have decided to drop some connections because an earlier peak usage condition has now ended. In addition, this data source has not been enabled for automatic shrinking.

What will occur once you execute the shrink() method on that JDBCDataSourceRuntimeMBean?

## Options:

**A-** The number of connections in the pool will be reduced to the greater of either the current number of connections in use or to the minCapacity property setting.

**B-** The number of connections in the pool will be reduced to the current number of connections in use regardless of the minCapacity property setting.

**C-** The number of connections in the pool will be reduced to the minCapacity property setting regardless of the current number of connections in use.

**D-** The number of unused connections in the pool will be reduced by half.

## Answer:

A

## Explanation:

When you shrink a data source, WebLogic Server reduces the number of connections in the pool to the greater of either the initial capacity or the number of connections currently in use.

# Question 7

Your developers have decided to use a deployment plan with their applications that will be deployed by WebLogic administrators into one or more WebLogic Server production environments.

Which two primary goals can be accomplished by leveraging a deployment plan? (Choose two.)

## Options:

**A-** Expose the external resource requirements of the application, such as JNDI names of datasources.

**B-** Expose additional configurable properties, such as tuning parameters.

**C-** Expose the targeted servers for deployment.

**D-** Expose the specific Java EE modules within the application, such as EJBs.

**E-** Expose access points into the application, such as a WSDL for web services.

## Answer:

A, B

## Explanation:

The primary goals in exporting a deployment configuration are:

* To expose the external resources requirements of the application as null variables in a deployment plan.

Any external resources required by the application are subject to change when the application is deployed to a different environment. For example, the JNDI names of datasources used in your development environment may be different from those used in testing or production. Exposing those JNDI names as variables makes it easy for deployers to use available resources or create required resources when deploying the application.

* To expose additional configurable properties, such as tuning parameters, as variables in a deployment plan.

# Question 8

You are implementing leasing functionality within your environment to ensure exclusive ownership of a cluster-wide entity.

Which type of leasing requires that Node Manager is configured and running? (Choose the best answer.)

**Options:**

**A-** high-availability database leasing

**B-** high-consensus leasing

**C-** non-database consensus leasing

**D-** high-availability in-memory leasing

## Answer:

C

## Explanation:

Setting Migration Basis to Consensus leasing means that the member servers maintain leasing information in-memory, which removes the requirement of having a high-availability database to use leasing. This version of leasing requires that you use Node Manager to control servers within the cluster.

# Question 9

**Question Type: MultipleChoice**

I want to configure automatic migration of pinned services from an unhealthy server to another target in the cluster. I wish to configure consensus leasing for this purpose.

Which two statements are true in this scenario? (Choose two.)

## Answer:

A, C

## Explanation:

A: Using the Automatic Migration option requires setting a cluster's Migration Basis policy to either Database or Consensus leasing.

C: Setting Migration Basis to Consensus leasing means that the member servers maintain leasing information in-memory, which removes the requirement of having a high-availability database to use leasing. This version of leasing requires that you use Node Manager to control servers within the cluster.