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QUESTIONS & ANSWERS
DEMO VERSION
(LIMITED CONTENT)

Question 1

Question Type: MultipleChoice

A customer needs to analyze an application that was developed for Oracle Application Server 10gR2 or 10gR3 (OC4J) in order to prepare to upgrade the infrastructure to WebLogic 12c. The customer wants understand the changes required to be made to the application and how to configure WebLogic in to support the newly upgraded application.

Which three actions would you recommend for upgrading the customer's application and server configuration?

Options:

- A- Use Oracle Upgrade Manager to create a new WebLogic domain template from an OAS/OC4J installation and redeploy the application.
- B- Use SmartUpgrade to analyze the OAS/OC4J server configuration and create WebLogic configuration files.
- C- Use SmartUpgrade to analyze the application archive (EAR/WAR/JAR) Source Directory or IDEveloper project and generate a report that describes the areas of the application that need to be updated.
- D- Use the Configuration Wizard to extend an existing WebLogic domain with OAS/OC4J support libraries and redeploy the application.
- E- Use SmartUpgrade to generate application artifacts and deployment descriptors that can be deployed to WebLogic.

Answer:

B, D, E

Explanation:

Note:

* Oracle WebLogic SmartUpgrade is part of the Oracle Fusion Middleware 11g upgrade tools that were designed to maximize the automation of the upgrade process, minimize the application downtime and allows for rapid and seamless uptake of the Oracle Fusion Middleware 11g features and capabilities.

* SmartUpgrade : (B) When generating an upgrade report into an existing project, an Oracle Application Server

configuration home could be specified to be included as part of the report. Additionally, both the server home and OracleAS enterprise archives can be localized into the JDeveloper project file

system by checking 'Copy OC4J Deployment Archives Into Project'.

* SmartUpgrade : (E) The advisory reports and the configuration artifacts will be generated. The generated artifacts will be located at the JDeveloper project mywork directory

* You can add product component functionality or additional applications and services to an existing WebLogic domain by extending it using the Configuration Wizard. For example, if you created a base WebLogic domain and you want to add the Avitek Medical Records Examples functionality, you can extend the domain by using the medrec.jar template.

The Configuration Wizard simplifies the task of extending an existing WebLogic domain by using extension templates. Oracle provides various sample extension templates, as well as extension templates for various Fusion Middleware products. You can also create your own extension templates using WLST or the unpack command.

Question 2

Question Type: MultipleChoice

How can you configure High Availability for interacting with a non-Oracle database using WebLogic?

Options:

- A- Configure multiple physical data sources and reuse the same JNDI name for each.
- B- Use the 'compatibility' option of Active GridLink to enable compatibility with non-Oracle databases.
- C- Configure a single physical data source for each node in a database cluster and wrap it using Multi Data Source.
- D- Configure a Data Source Group that contains a physical connection pool to each node in the database cluster.

Answer:

C

Explanation:

Note:

* A multi data source can be thought of as a pool of data sources. Multi data sources are best used for failover or load balancing between nodes of a highly available database system, such as redundant databases or Oracle Real Application Clusters (Oracle RAC).

* (not B) A single GridLink data source provides connectivity between WebLogic Server and an Oracle

Database service, which may include multiple Oracle RAC clusters

* High Availability Storage Solutions

If you have applications that need access to persistent stores that reside on remote machines after the migration of a JMS server or JTA transaction log, then you should implement one of the following highly-available storage solutions:

/ File-based stores (default or custom)---Implement a hardware solution, such as a dual-ported SCSI disk or Storage Area Network (SAN) to make a file store available from shareable disks or remote machines.

/ JDBC-accessible stores---Configure a JDBC store or JDBC TLOG store and use JDBC to access this store, which can be on yet another server. Applications can then take advantage of any high-availability or failover solutions offered by your database vendor. In addition, JDBC stores support GridLink data sources and multi data sources, which provide failover between nodes of a highly available database system, such as Oracle Real Application Clusters (Oracle RAC).

Question 3

Question Type: MultipleChoice

When your WebLogic Server solution needs to be scaled out with additional capacity and you don't want to add additional hardware, which three techniques should you use?

Options:

- A- Assign more than one managed server to a physical hardware that allows better CPU utilization.
- B- Assign more than one application to one managed server to better utilize threads within a single JVM process.
- C- Assign the same application to more than one managed server to load balance requests between servers.
- D- Assign the same heap size to the managed server across the cluster for easier control of memory footprint
- E- Create a virtualized environment with hypervisor for an easier solution

Answer:

B, D, E

Question 4

Question Type: MultipleChoice

WebLogic 12c, the Maven plug-in has been enhanced with which Maven goal?

Options:

- A- wls:unzip, wls:install-domain, wls:start-domain, wls:wlst, wls:appc
- B- wls:install, wls:install-domain, wls:start-domain, wls:wlst, wls:appc
- C- wls:unzip, wls:create-domain, wls:start-domain, wls:wlst, wls:appc
- D- wls:install, wls:create-domain, wls:start-server, wls:wlst, wls:appc:

Answer:

D

Explanation:

wls-maven-plugin---Delivered in WebLogic Server 12c, provides enhanced functionality to install, start and stop servers, create domains, execute WLST scripts, and compile and deploy applications.

Question 5

Question Type: MultipleChoice

Which is the correct WebLogic Server distribution version to download if you want to install WebLogic Server 12c to run in 64 bit mode on a 64 bit Linux X86?

Options:

- A- Linux x86 with 64 bit JVM
- B- ZIP distribution for Linux
- C- Linux x86 with 32 bit JVM
- D- Generic distribution
- E- Network installer

Answer:

D

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