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IT exam study guide / simulations

Exam : **C2180-401**

Title : IBM WebSphere Application
Server Network Deployment
V8.5.5 and Liberty Profile,
System Administration

Vendor : IBM

Version : DEMO

NO.1 A system administrator is configuring the security of a new environment. The administrator has been asked to configure one LDAP server that has different sub-trees for business users and administration users.

What should the administrator do to implement the required security configuration?

- A. Install and configure a TAI (Trust Association Interceptor)
- B. Configure a security domain for the stand-alone LDAP server.
- C. Use Federated repositories and configure the supported entity types.
- D. Use Stand-alone custom registry and configure the flat file implementation.

Answer: C

NO.2 A system administrator discovers an issue that requires a change to a federated server. In this cell, WebSphere administrative security is enabled, but application security is not enabled. How should the administrator make this change?

The administrator should use:

- A. a web browser to connect to the node agent https port.
- B. a web browser to connect to the deployment manager admin_host port.
- C. the job manager to submit a job to update the unmanaged server.
- D. an ssh connection to the node and modify the client_types.xml file.

Answer: B

Explanation:

The admin_host virtual host is used for access to the WebSphere administrative console.

At installation time, the host is configured to match requests on the wc_adminhost and wc_adminhost_secure ports for the stand-alone server or deployment manager.

References: WebSphere Application Server V8.5 Administration and Configuration Guide for the Full Profile (July 2013), page 303

NO.3 A system administrator has created a Jython script that will run in WebSphere Network cell where administrative security is enabled. This script is named doUpdate.py and will be run by using the following:

```
wsadmin -connType RMI -f doUpdate.py
```

How can the administrator suppress a user/password prompt from appearing when this script is run?

Set the user and password in the:

- A. sas.client.props file.
- B. ssl.client.props file.
- C. soap.client.props file.
- D. wsadmin.properties file.

Answer: A

Explanation:

The user Id and password needed for wsadmin to connect to a secured server can be supplied as command line options and in properties files. If used together, command line options take precedence over what is in the properties files. The properties files are located at Profile_root/properties.

If you use a Remote Method Invocation (RMI) connector or a JSR160RMI connector, set the following properties in the sas.client.props file with the appropriate values:

com.ibm.CORBA.loginUserId=
com.ibm.CORBA.loginPassword=

References:

https://www.ibm.com/support/knowledgecenter/SSAW57_8.5.5/com.ibm.websphere.nd.doc/ae/xml_security.html

NO.4 In a test environment, a system administrator has configured an external HTTP server in the DMZ that is routing to a cluster of application servers.

The administrator wants to achieve higher performance when routing and prioritizing incoming requests to the back- end cluster.

How can the system administrator achieve this task?

- A.** Configure a cluster of external HTTP servers.
- B.** Enable the prefer local option on the cluster members.
- C.** Set up a Caching Proxy server between the external web server and the application server.
- D.** Place an On Demand Router (ODR) between the external web server and the application servers.

Answer: D

Explanation:

References:

https://www.ibm.com/developerworks/websphere/techjournal/1206_alcott/1206_alcott.html

NO.5 After installing an enhanced EAR in a WebSphere Application Server environment, a system administrator with Configurator privileges is able to see a JDBC provider and a data source in the Integrated Solution Console (ISC) but is not able to delete these resources.

How can the administrator resolve this issue?

- A.** Use the AdminTask object to delete the resources.
- B.** Stop all application server instances and then delete the resources.
- C.** Ask another administrator with iscadmin privilege to delete the resource.
- D.** Edit the EAR to remove the application scoped resources and reinstall the application.

Answer: A

Explanation:

The JDBCProviderManagement command group for the AdminTask object includes the following commands:

References:

https://www.ibm.com/support/knowledgecenter/en/SSAW57_8.5.5/com.ibm.websphere.nd.doc/ae/rxml_atjdbcprovider.html

NO.6 A system administrator needs to install WebSphere Application Server using response files, so that a silent install can be done.

The administrator has ensured that all required prerequisites have already been installed and, has downloaded and expanded the required WebSphere Application Server installation files.

What can the administrator run to install the product?

- A.** install -options responsefile.xml -silent
- B.** install -acceptLicense -options responsefile.xml -silent
- C.** imcl -acceptLicense input responsefile.xml -log logfile.txt
- D.** IBMIM -acceptLicense -input responsefile.xml -log logfile.txt

Answer: C

Explanation:

Example of the use of the response files to install the product.

```
imcl.exe -acceptLicense
```

```
input C:\temp\keyring_response_file.xml
```

```
-log C:\temp\keyring_log.xml
```

NO.7 A web application was deployed on a WebSphere Application Server cluster. While users are using the application, one of the cluster servers fails and the users lose their working data.

What can the system administrator configure to ensure users can continue to work if one of the cluster server fails?

A. An increased session timeout.

B. A cluster of external HTTP servers.

C. A load balancer to spread work between existing servers.

D. A WebSphere eXtreme Scale HTTP session management.

Answer: D

Explanation:

WebSphere eXtreme Scale can dynamically process, partition, replicate, and manage application data and business logic across hundreds of servers. It provides transactional integrity and transparent fail-over to ensure high availability, high reliability, and consistent response times.

References:

http://www.ibm.com/developerworks/websphere/techjournal/1301_ying/1301_ying.html