

C9510-401^{Q&As}

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

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QUESTION 1

A system administrator wants to learn some of the Python scripting commands for the administration of the environment.

Which product feature should the administrator use?

- A. The wsadmin.properties file to load a profile.
- B. The AdminTask object to generate wsadmin scripts.
- C. The guided activities panel from the Integrated Solutions Console (ISC).
- D. The "Log command assistance commands" option in the Integrated Solutions Console (ISC).

Correct Answer: D

QUESTION 2

A system administrator has configured a cluster containing 40 servers. The cluster members all belong to one core group. While examining the log files, the administrator notices that the core group coordinator is consuming abnormally high amounts of memory and CPU resources. How can the system administrator reduce the memory and CPU resource usage of the core group coordinator?

- A. Configure a core group bridge.
- B. Configure a second active coordinator.
- C. Decrease the memory on the machine.
- D. Move the coordinator to another machine.

Correct Answer: B

Remember that coordinator election occurs whenever the view changes. Electing a new coordinator uses a lot of resources because this process causes increased network traffic and CPU consumption. Specifying a preferred coordinator server, whenever practical, helps eliminate the need to make frequent coordinator changes.

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

QUESTION 3

A system administrator has added a server cluster as a member of a service integration bus (SIB). The administrator needs to configure one messaging engine for each server in this cluster and to have a failover location for each messaging engine.

What should the administrator do to achieve the required design?

- A. Configure a new messaging engine in each server to support failover.

- B. Configure the data store for each messaging engine for each server in the cluster.
- C. Select scalability with high availability as the messaging engine policy.
- D. Create a core group policy to restrict each messaging engine to a particular server.

Correct Answer: C

The scalability with high availability configuration ensures that there is a messaging engine for each server in a cluster, and that each messaging engine has a failover location.

QUESTION 4

A system administrator ran the backupConfig command to backup the configuration using the -nostop option. The administrator changed the properties for the service integration environment by modifying the sib.properties file. During testing the administrator noticed Service Integration Bus related errors and wanted to restore the service integration environment. The administrator used the restoreConfig command, but the tuning properties for the service integration environment were not restore.

How can the administrator prevent this issue?

- A. Use full repository checkpoint for both the backup and the restore.
- B. Use the restoreConfig command with –nostop for the restore.
- C. Use the manageprofiles command for both the backup and the restore.
- D. Use the backupConfig command without –nostop for the backup
- E. Use the restoreConfig command without –nostop for the restore.

Correct Answer: A

With the repository checkpoint and restore function, you can back up copies of files from the master configuration repository. You can use the backups to restore the configuration to a previous state if future configuration changes cause operational problems. By using this function, you can reduce recovery time for problems that are caused by configuration changes. Studies of unplanned outages have shown that as much as 36 percent of unplanned outages are due to operator errors. A common source of operator error is a bad configuration change. The ability to quickly undo a bad configuration change is critical to minimizing the outage window.

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

QUESTION 5

The administrator needs to identify any security role references and security constraints in a web application.

How can the administrator identify these roles and constraints?

- A. ibm-application-ext.xml file using a text editor.
- B. ibmconfig folder in the application after using the EARExpander command.

C. Web deployment descriptor using IBM Assembly and Deploy Tools.

D. Security role to user/group mapping by using the Integrated Solutions Console (ISC).

Correct Answer: C

Securing web applications using an assembly tool. You can use three types of web login authentication mechanisms to configure a web application: basic authentication, form-based authentication and client certificate-based authentication. Protect web resources in a web application by assigning security roles to those resources.

References: https://www.ibm.com/support/knowledgecenter/SS7JFU_8.5.5/com.ibm.websphere.nd.doc/ae/tsec_secweb_atk.html

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