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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 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.

http://www-01.ibm.com/support/knowledgecenter/SSCKBL_8.5.5/com.ibm.websphere.nd.doc/ae/cjt10 04_.html (second paragraph)

QUESTION 2

A performance test team was testing the capacity of concurrent users of a web application deployed on a multi-processor server. While testing 250 concurrent users, the administrator discovers connections to the database are failing.

In response, a system administrator increased the connection pool to the maximum limit which the database allows and increased the prepared statement cache size. The test passed, but the application response time was slower.

How should the system administrator tune the data source properties to improve the application response time?

A. Change connection pools purge policy.

B. Decrease connection pool reap time.

C. Decrease number of free pool partitions.

D. Decrease the prepared statement cache size.

Correct Answer: D

The higher the statement cache, the more system resources are delayed. Therefore, if you set the number too high, you might lack resources because your system cannot open multiple prepared statements.

References: http://www.ibm.com/support/knowledgecenter/en/SSAW57_8.5.5/com.ibm.websphere.nd.d oc/ae/udat_jdbcdatasorprops.html

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QUESTION 3

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.

Correct Answer: C

QUESTION 4

A system administrator has created a Python 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.

Correct Answer: A

QUESTION 5

A system administrator has to design a new production environment to host a web application. The workload of this web application is expected to increase during special marketing campaigns.

Which one of the following topologies should the administrator configure to address the requirements for this new environment?

A. A Liberty collective environment with autonomic managers and on demand router (ODR).

B. A flexible management environment supported by one admin agent running in each node of the cell.

C. A dynamic cluster with autonomic managers, application placement controller and intelligent routers.

D. A heterogeneous cell with enough server to support the peak load spread across multiple nodes on the same machine.

Correct Answer: C

A dynamic cluster is a server cluster that uses weights and workload management to balance the workloads of its cluster members dynamically, based on performance information that is collected from the cluster members. Dynamic clusters enable application server virtualization. A dynamic cluster is an application deployment target that can expand and contract depending on the workload in your environment. Dynamic clusters work with autonomic managers, including the application placement controller and the dynamic workload manager to maximize the use of your computing resources. Dynamic clusters are required for many of the Intelligent Management autonomic functions, including high availability and service policies.

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

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