IBM 000-806

000-806 IBM WebSphere Application Server Network Deployment V6.1, Advanced Administration

Practice Test

Version 1.1

QUESTION NO: 1

Which statement is true about designing highly available infrastructures based on WebSphere Application Server ND V6.1 clusters?

A. A stand-alone server topology provides the greatest amount of process isolation and therefore is the most effective building block in combination with other stand-alone servers for building a highly resilient cluster based infrastructure.
B. A horizontal scaling topology provides the greatest opportunity to implement efficient use of single machine processing power so that should there be a failover in that environment, there will be sufficient capacity available for the remaining nodes to pick up the workload from the failed node.
C. A vertical scaling topology provides the greatest opportunity to implement efficient use of machine processing power so that should there be failover in that environment, there is sufficient capacity available for the remaining cluster members to pick up the workload from the failed cluster member.
D. A horizontal scaling topology provides the greatest amount of process isolation and therefore is the most effective building block in combination with other stand-alone servers for building a highly resilient cluster based infrastructure.

Answer: C

QUESTION NO: 2

An administrator is configuring a cluster bus destination on a cluster with five members on five different physical machines. The administrator will configure two messaging engines which may be run on any of the five cluster members. What is the simplest configuration for the messaging engines' data stores that still ensures proper fail over?

A. A file-based data store in theconfig directory that is kept in sync on all cluster members by the deployment manager
B. A single remote database accessible by all cluster members with one schema to be shared by the messaging engines
C. A single remote database accessible by all cluster members with two schemas
D. Two remote databases accessible by all cluster members

Answer: C

QUESTION NO: 3

A WebSphere Application Server ND V6.1 administrator has been asked to set up cache replication for an application. The application team wants to make sure it does not loose any

cache data that is generated. What would make losing cache data least likely to happen?

A. Full group replication
B. Enable disk offload
C. Push only
D. Flush to disk

Answer: B

QUESTION NO: 4

A WebSphere Application Server ND V6.1 administrator recently added a new cluster member. When the administrator checked the status of the servers in the cluster, they noticed the cluster showing a state of partially started. What does that mean?

A. All cluster members are running, but the node agents have not been started.
B. At least one of the cluster members is running.
C. The cluster was not started by the deployment manager.
D. The cluster was created, however the servers were never stopped then restarted cleanly.

Answer: B

QUESTION NO: 5

To improve scalability of a cluster bus member, an administrator proposes adding messaging engines to the cluster. Which valid concern cannot be resolved through configuration?

A. Multiple messaging engines starting on the same cluster member; a review of available resources on the cluster members must be conducted to determine if this can be tolerated
B. Duplicate messages may actually decrease the scalability of the application; the application developers must be consulted to determine the performance impact
C. Message order not being preserved; the application developers must be consulted to determine whether or not this will cause application errors
D. Additional load on the deployment manager as it directs messages to the partitioned destinations; a review of available resources on the deployment manager must be conducted to determine if this can be tolerated

Answer: C

QUESTION NO: 6

The lexically lowest named server in a cell, server A, is an application server that happens to be started and stopped frequently. An administrator is planning to greatly increase the number of application servers and clusters in the cell. The administrator will also be adding a large number of destinations to the default messaging provider. Which action should the administrator take to prevent any scaling problems when adding the servers and destinations?

A. Create a cluster of several application servers using server A as a template
B. Add server A to a replication domain to replicate session information
C. Configure theDefaultCoreGroup's preferred coordinator servers to prefer servers other than server A
D. Move any default messaging provider messaging engines and destinations from server A to other servers in the cell

Answer: C

QUESTION NO: 7

Which statement most accurately states considerations that need to be taken when configuring a Web server farm that fronts a cluster of WebSphere application servers for the purpose of evenly distributing workload?

A. A server weight value of less than one notifies theplugin that this application server must continue to receive an equal share of the new incoming requests.
B. The number of Web servers in the configuration must be exactly identical to the maximum number of cluster members that can ever be active and receiving incoming requests at one time.
C. When all server weights have been set to an equal value in theplugin configuration file, the weighting of the round robin approach for workload load distribution is effectively turned off.
D. When the number of active Web servers in the configuration exceeds the number of application servers that are accepting incoming traffic, the excess Web servers will be placed in standby mode to conserve resources.

Answer: C

QUESTION NO: 8

An application with EJBs is deployed on a cluster.
The workload for the application has Increased. To keep up with the increased workload, the administrator has added more application servers to the cluster. However, this has resulted in some cluster members being overloaded and others being idle. Which exception to the WLM routing policy might be causing this problem?