



000-086

System x High Performance Servers Technical Support V4

Exam number/code: 000-086

Exam name: System x High Performance Servers Technical Support V4

Questions & Answers: 61 Q&A

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Exam: 000-086 Certification Questions & Answers

Question 1:

A junior administrator wants to configure a JDBC datasource for an application that will run on a cluster.

The cluster members run on several different operating systems. What should a senior administrator instruct the junior administrator to do when creating the most manageable working configuration?

- A. Configure a single JDBC provider at the cluster level using WebSphere variables. Configure the WebSphere variables at the node level for each cluster member then configure a single datasource at the cluster level
- B. Configure a JDBC provider and a datasource at the server level for each cluster member
- C. Configure a single JDBC provider at the cluster level and a datasource for each member at the server level
- D. Configure a single JDBC provider at the cluster level, configure WebSphere variables at the server level for each cluster member and configure a single datasource at the cluster level using the WebSphere variables

Answer: A

Question 2:

An administrator is creating a plan for securing communication with a WebSphere Application Server ND V6.1. The plan consists of using SSL and making client certificate authentication mandatory. Which security concerns, as they relate to communication with the application server, have not been addressed by the plan?

- A. Data integrity
- B. Authorization
- C. Data confidentiality
- D. Authentication

Answer: B

Question 3:

What can be configured in the Application Server Toolkit (AST) to create an enhanced EAR file?

- A. Datasources, JAAS authentication and JVM arguments
- B. Datasources, JVM arguments and shared libraries
- C. Class loader policies, JVM arguments and JAAS authentication
- D. Datasources, class loader policies and shared libraries

Answer: D

Question 4:

A Modular System administrator is considering new storage subsystems. Which of the following is a benefit of SAS over SCSI?

- A. Increased power consumption
- B. Increased bandwidth
- C. Higher transfer speeds
- D. Synchronous data transfer

Answer: C

Question 5:

A retail company is deploying a Microsoft Windows-based, mission-critical Data Warehousing application. The customer has specified 4GB of RAM. Which of the following questions will help the consultant determine the proper memory configuration?

- A. What is the anticipated memory/disk cache hit ratio
- B. Are there future plans to expand the amount of memory in the system?
- C. Does the application require a large paging space
- D. Does the application support Physical Address Extensions (PAE)

Answer: B

Question 6:

A company wants to consolidate 20 existing dual processor Pentium III servers, all running a web server application on Windows Server 2003. They are considering consolidating to a single x3950 running VMWare ESX. Which of the following questions will help determine the correct processor configuration?

- A. Do the web servers require SMP capability?
- B. Will the servers need a SCSI or Fibre Channel storage solution?
- C. Is the web content static or dynamic information?
- D. What is the average CPU utilization of the existing web servers?

Answer: D

Question 7:

Which of the following are functions of the Xcel4v cache?

- A. Memory mirroring
- B. Provides a 2:1 compression ratio for data in cache
- C. Reduce traffic on the front side bus in a single node server
- D. Approximately 5% boost in performance

Answer: C

Question 8:

A manufacturing customer is considering the x3850 to take advantage of hot-add memory. Which of the following questions should be asked to determine if memory can be added without taking the server offline?

- A. Will the full 64GB mirrored memory capacity be implemented?
- B. Will the application run in 32, 64 bit or mixed environment?
- C. Will the PC3200 RDIMM's be implemented in groups of four?
- D. How much physical memory is going to be installed?

Answer: D

Question 9:

A publisher is considering x3950 servers. Which of the following are the memory characteristics of the x3950?

- A. Hyper-Threading Memory
- B. Hot-Add Memory
- C. DDR SDRAM
- D. 2nd-generation Chipkill memory

Answer: B

Question 10:

A finance company is planning to install a high performance SQL database for transaction processing. Which of the following storage technologies supports this situation?

- A. NAS
- B. iSCSI
- C. SAS
- D. Byte channel

Answer: C

Question 11:

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. Two remote databases accessible by all cluster members
- 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. A file-based data store in theconfig directory that is kept in sync on all cluster members by the deployment manager

Answer: C

Question 12:

A manufacturing customer plans to create the infrastructure for an application designed to charge customers for conferencing services based on usage. Which of the following questions is most appropriate to determine if a Storage Area Network (SAN) is the best storage solution?

- A. Will the application require a database?
- B. Which operating system does the application require?
- C. Does the application share data among the servers?
- D. Will the data need to be backed up in real time?

Answer: C

Question 13:

Which list is the most accurate description of the duties and benefits provided by a WebSphere Application Server ND V6.1 Trust Association Interceptor (TAI) module?

- A. Validate the trust of the perimeter authentication service
extract user credentials eliminate additional user authentication calls
- B. Extract the user's credential information from the request validate user authorizations
eliminate additional user authentication calls
- C. Extract the user's credential information from the request
validate trust relationship with perimeter authentication service eliminate additional user
authorization calls
- D. Validate the trust of the perimeter authentication service
validate user authorizations eliminate additional user authentication calls

Answer: A

Question 14:

Where is the file-based repository that is built into WebSphere stored?

- A. <WAS_HOME>\profiles\<profileName>\config\cells\<cellName>\builtinFileRegistry.xml
- B. <WAS_HOME>\profiles\<profileName>\config\cells\<cellName>\fileRegistry.xml
- C. <WAS_HOME>\profiles\<profileName>\config\cells\<cellName>\fileRegistry.properties
- D. <WAS_HOME>\profiles\<profileName>\config\cells\<cellName>\fileRegistry.props

Answer: B

Question 15:

An application vendor wants to choose a fault tolerant platform for their new application. The application benefits from multiple processors and has been tested on Red Hat Advanced Server 3. Which of the following is the best procedure to determine the memory requirements for the application?

- A. The application should be tested and baselines should be measured with simulated user loads.
- B. The application should be tested with the minimum amount of memory then increase the memory in increments until an acceptable response is achieved.
- C. The application should be tested with differing amounts of memory and the fastest response time is reached it should be used as the acceptable configuration.
- D. The application should be tested with the maximum amount of memory then decrease the memory in increments until an acceptable price/performance ratio is reached.

Answer: A

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