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Exam : **000-296**

Title : Test296,IBM websphere mq v5.3 solution design

Version : Demo

1. Which of the following is a feature of using local queues with QSGDISP(SHARED) instead of QSGDISP(QMGR) on a z/OS queue manager?

A. Messages greater than 63KB are supported

B. Segmented messages are supported

C. Messages are available to other queue managers in the queue sharing group

D. The same message can be retrieved simultaneously from several queue managers

Answer: C

2. After the acquisition of another company an enterprise needs to move a series of existing WebSphere MQ applications to the newly acquired group of distributed UNIX queue managers.

Which of the following methods are MOST appropriate for loading the new WebSphere MQ object definitions to the remote queue managers?

A. Enter the definitions using RUNMQSC at each remote queue manager

B. Send the definitions in a text file to each remote queue manager and issue RUNMQSC on each queue manager with the file redirected as input

C. Create the definitions as series of PCF commands and send them to SYSTEM.ADMIN.COMMAND.QUEUE on the remote queue managers

D. Take a full backup of one of the existing queue managers, and restore that backup to each new queue manager.

E. Use the MAKEDEF command to accomplish this

Answer: B,C

3. Certkiller .com is developing a messaging architecture using the WebSphere MQ API to interface with IMS on a z/OS host. Which of the following techniques is MOST appropriate to transfer data to an IMS application that is WebSphere MQ enabled?

A. Use the WebSphere MQ IMS bridge function

B. Use WebSphere MQ triggering to start IMS transactions

C. Have the WebSphere MQ application insert the IMS transaction code in the input message

D. Write an applet to transfer data from the message queue to an IMS input dataset

Answer: B

4. On Windows and UNIX platforms, which process should be used to take a full backup of a WebSphere MQ V5.3 queue manager's data?

A. Take down the queue manager, then use operating system functions to back up the queue manager's data structures and log files

B. Take down the queue manager, then use operating system functions to back up the queue manager's data structures

C. Run bkupqmgr from a command line, specifying the queue manager name and the name of the directory where the backup is to be created

D. Use operating system functions to back up the queue manager's data structures and log files.

Answer: A

5. A large enterprise, running on a group of z/OS machines, wishes to produce and maintain a central configuration repository for WebSphere MQ from which reports can be produced and information generated about the structure of the system.

Which of the following methods is MOST appropriate for gathering the data for this repository?

A. Enable CONFIGEV and redefine SYSTEM.ADMIN.CONFIG.EVENT as a remote queue on each queue manager, pointing to a single local event queue

B. Run the SAVEQMGR program and combine the various reports into a single file

C. Write a PCF program that issues INQUIRE commands and run it on each queue manager, sending the results to a central queue

D. Write an application program that issues MQINQ calls and run it on each queue manager, sending the results to a single queue

Answer: A

6. Certkiller .com is creating a backup and recovery plan for a WebSphere MQ application to be implemented on a z/OS system.

Which of the following is a disadvantage of a full backup?

A. A full backup requires dual logging

B. A full backup requires more DASD space than a fuzzy backup

C. A full backup page set cannot be used to recover if the logs are damaged or lost

D. A full backup requires a queue manager shutdown

Answer: D

7. An architect has designed an AIX application that will update WebSphere MQ queues and a DB2 database within a single unit of work, using WebSphere MQ as the transaction manager. The architect wishes to be sure that all possible recovery options are covered within the application in the case of a failure of the transaction.

In which of the following circumstances should the architect prepare additional manual recovery procedures?

A. If the application crashes within the unit of work before the MQCMIT

B. If the database crashes within the unit of work before the MQCMIT

C. If the database crashed during the MQCMIT, before the database indicates that it is prepared to commit

D. If the database crashed during the MQCMIT after the database indicates it is prepared to commit

Answer: D

8. Which of the following considerations are MOST important for deploying a WebSphere MQ server in preference to a WebSphere MQ client?

A. If applications update MQ resources and database resources

B. If local application performance is critical

C. If reliable delivery is required

D. If the application machine is resource constrained

E. If the application must be able to run independently of the network

Answer: B,E

9. In a WebSphere MQ clustered environment, message affinities exist for a particular queue manager. Which option on the MQOPEN will guarantee that all messages put to a queue specifying the same object handle are sent to the same queue manager, irrespective of the default cluster workload balancing exit's usual round robin behavior?

A. MQOO_BIND_AS_Q_DEF

B. MQOO_BIND_ON_OPEN

C. MQOO_BIND_FIXED

D. MQOO_BIND_ON_PUT

Answer: B

10. An enterprise is concerned about maintaining the confidentiality of their data, from the time it is placed on one computer until it is retrieved from another. What is the BEST method for assuring this point-to point data security in a WebSphere MQ environment?

A. Use SSL to encrypt the data

B. Use channel exits to encrypt the data

C. Use API exits to encrypt the data

D. Include data encryption algorithms in both sending and receiving applications

Answer: C

11. A large financial institute wants to use WebSphere MQ clients which will connect to a single queue manager in a local LAN attached server. The desktop workstations and server are running Windows 2000. This configuration will be replicated to several hundred branch offices, each with 30 to 50 workstations. The customer wants to achieve a level of security for accessing applications by user class and has defined three user classes. It is imperative that minimum administrative data and processes reside on the desktop workstation. In addition, none of the end users will be granted mqm or administrative group authority.

Which of the following alternatives BEST satisfies this environment?

A. Define an MQI client channel for each class of user on the workstation and setMQ_USER_ID and MQ_PASSWORD specific to the user class

B. Implement a security exit on the client to enforce user class and pass MQ_USER_ID and MQ_PASSWORD to the server

C. Define SVRCONN channel on the server with a MCAUSER specification for each of the three user classes

D. Set the desired user ID in the inetd .conf file associated with the TCP/IP listener on the server

Answer: C

12. An enterprise uses WebSphere MQ to connect 60 branch offices and 10 regional offices to a central CICS transaction server. The branch offices all run HP-UX systems using TCP/IP to connect to the central host. The regional offices all run iSeries systems and connect via SN A. There are 20 new CICS business functions.

How many new WebSphere MQ application queue should be defined on the central host?

A. 1

B. 10

C. 20

D. 60

Answer: C

13.An application requires to implement a form of workload management. Although feasible "push" workload management does not particularly suit the requirements. Which of the following WebSphere MQ features can be described as enabling pull workload management?

A. Cluster queues

B. Shared queues

C. Workload Management Exit

D. Message Channel Agent

Answer: B

14. An application has been developed to take advantage of the WebSphere MQ shared queue feature. One of the application queue is shared between two z/OS LPARs. As a result of a new requirement, another application now requires that the messages on this queue become available to a cluster. Which of the following actions is MOST appropriate to recommend?

A. Change the queue such that it is only a clustered queue

B. Change the queue such that it is both a shared and a clustered queue

C. Copy all messages from the shared queue to a clustered queue

D. Advise that the two WebSphere MQ features are incompatible

Answer: B

15. An organization created an application environment where an Active x control was invoked by a VBA scriptinside Excel spreadsheets. This was done to subscribe to a publication and then to incorporate incoming published data into the spreadsheet. A single queue was shared by all subscribers and the correlation ID was used to differential between subscribers. A timestamp based unique value for the correlation ID was created upon startup. After a few days the queue was found containing an excessive number of messages. Which of the following measures can be used to overcome this problem?

A. Assign each subscriber his own queue

B. Expire all relevant subscriptions after 18 hours

C. Increase the maximum number of messages attribute of the queue

D. Increase the maximum message size attribute of the queue

E. Decrease the number of users concurrently allowed on to the system

Answer: A,B,D

16. A WebSphere MQ network implementation with distributed queuing at both V5.2 and V5.3 requires a point to point security function to be implemented to provide session authentication at the transport level. Which of the following WebSphere Mq supported protocols should be implemented to fulfill this requirement?

A. SPX

B. TCP-IP

C. NetBIOS

D. LU 6.2

Answer: D

17. A WebSphere MQ Cluster consists of five queue managers. Only queue managers LONDON and PARIS have a clustered queue ACCOUNTQ defined locally. In a normal operation, persistent messages for the ACCOUNTQ are shared between these two queue managers. In the event of a failure of the PARIS queue manager, which of the following behaviors will be observed?

A. LONDON and PARIS stop receiving messages until PARIS is restarted

B. LONDON processes all new messages until PARIS is restarted

C. Messages already sent to PARIS are processed by LONDON whilst PARIS is stopped.

D. Messages already sent to PARIS are not processed until PARIS is restarted

E. Another queue manager in the cluster takes over the workload while PARIS is stopped

Answer: B,D

18. Certkiller .com with a WebSphere MQ application to be implemented on a z/OS system wants to implement a backup and recovery plan to ensure a recovery times of 30 minutes or less, ensure it can always recover to within 8 hours even if a disaster occurs, and full Web Sphere MQ availability between 8.00 AM and 4.00pm. based upon the company projected message volume 30 minutes will be required to apply log changes for 4 hours of messages to the page set during a recovery. Which of the following actions is MOST appropriate to meet these requirements?

A. Take a full backup every 4 hours

B. Take a fuzzy backup every 4 hours

C. Take fuzzy backup every 8 hours and full backup 4 hours later

D. Take full backup every 8 hours and a fuzzy backup 4 hours later

Answer: D

19. Tow trading partners must ensure that data is not altered while being exchanged between applications connected by an MQSeries v5.2 network. Access to datasets is restricted by RACF on both systems. Which of the following processes at a minimum are required to validate trading data integrity?

A. Ensure RACF dataset protection is adequate

B. Implement Secure Socket Layer in the network

C. Use channel message exits to encrypt/decrypt in transit data

D. Have the sending application append an encrypted checksum to the message and the receiving application validate it

Answer: D

20. The following factors can all have an effect on the performance of a Web Sphere MQ system.

Which of the following are NOT functions of application design?

A. Batch size

B. Log placement

C. Message length

D. Message persistence

E. Frequency of syncpointing

Answer: A,B