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Exam : **000-299**

Title : IBM Websphere bus.integ.message broker v5.solution design

Version : DEMO

1.When implementing WebSphere Business Integration Message Broker, both the clients and their brokers may reside on different intranets. This causes problems when a client attempts to connect to a broker. Which of the following should be recommended if their user application uses JMS over HTTP?

A.Use the WebSphere MQ Real-time Transport (JMS/IP) method.

B.Use the WebSphere MQ Telemetry Transport (SCADA) method.

C.Use the WebSphere MQ Enterprise Transport (MQ) method.

D.Use the WebSphere MQ Mobile Transport (WMQe) method.

Correct:A

2.An insurance company needs to integrate its IT system with another company after a merger. WebSphere MQ is already used by both companies and WebSphere Business Integration Message Broker is being considered as a possible solution. Transformation and routing will be performed locally at each company's data center. The WebSphere Business Integration Message Broker solution must be capable of routing to multiple end points based solely on the content of the message data. What key feature of WebSphere MQ and WebSphere Business Integration Message Broker will support this requirement?

A.Transaction support

B.MQSeries clustering

C.Destination list support

D.Multi-broker support

Correct:C

3.A bank is implementing a process to supply the hourly currency exchange rate information to all their branches. Once every hour, the bank sends the information to the branches. The branches must receive the information. What is the simplest way to do this using WebSphere Business Integration Message Broker?

A.Build DestinationData[ ] in LocalEnvironment, then use MQOutput Destination Mode to dynamically route to branch queues.

B.Store exchange rate information in a database and send a publication to the branches every hour.

C.Send publications every hour and require branches to use content-based subscription.

D.Use persistent publications and have the branches subscribe to the corresponding topic.

Correct:D

4.A company requires a message transformation based on database lookups from multiple data sources. The user ids for these data sources are different from the broker data base user id. Which of the following WebSphere Business Integration Message Broker features is used to handle this case?

A.Use the mqsichangebroker command.

B.Use the Promote Message flow feature.

C.Use the mqsisetdbparms command.

D.Use the mqsichangeproperties command.

Correct:C

5.A company has its legacy formats as either 'C' header files or COBOL copybooks. After they have been imported, and the message definition files are complete, the message set can then be generated in a form that can be used by an application. Which of the following formats will the WebSphere Business Integration Message Broker NOT be able to generate?

A.A message dictionary
B.A XML Schema file
C.Web Services Description Language (WSDL) file
D.A DTD file
Correct:D

6.A bank implementing an Internet banking solution will allow account holders having more than one account with the bank to transfer money between their own accounts. If the transfer succeeds, then the bank must log the transfer in a database for auditing purposes. Which of the following WebSphere Business Integration Message Broker functionalities is required to determine if the database will be updated successfully?
A.Access Control List (ACL)
B.Transactional support
C.ESQL
D.WebSphere MQ Real-time (JMS/IP) Transport
Correct:B

7.A large manufacturing company in London has recently merged with a similar sized company in Paris. The computer systems in each company are based on different hardware and software and both have an existing WebSphere Business Integration Message Broker Configuration Manager and Broker installed. New message flows need to be defined. The London-based administration department is allowed to administer only the London system, the Paris-based administration department is allowed to administer only the Paris system. Which of the following will provide a means to jointly create and manage message flows between London and Paris with minimal changes to the topology of the two existing WebSphere Business Integration Message Broker systems?
A.Create a new execution group under the WebSphere Business Integration Message Broker in London and administer from London.
B.Create a new execution group under the WebSphere Business Integration Message Broker in London and administer from London or Paris.
C.Place both domains under the same source control manager.
D.Create a third WebSphere Business Integration Message Broker Configuration Manager and broker to manage message flows between London and Paris.
Correct:C

8.What is the BEST practice when designing a broker domain?
A.Share the Broker's Queue Manager with the Configuration Manager.
B.Increase the number of Brokers when handling large messages.
C.Add one UserNameServer for each Broker.
D.Use a remote database for the Broker repository.
Correct:B

9.A customer wants to build corporate data from their manufacturing equipment into their inventory control program running on z/OS. The manufacturing equipment is currently controlled and monitored through a set of Allen-Bradley devices. What is the simplest way to feed the manufacturing equipment data through a message flow?
A.Write a simple WebSphere MQ Everyplace application to run on the Allen-Bradley device and feed the data into the message flow using the MQeInput node.

B.Use the WebSphere Business Integration Adapter for Allen-Bradley and send MQ messages to a queue on the broker's queue manager where they may be read by the message flow's MQInput node.
C.Use an Arcom Controls Director device to read the data from the Allen-Bradley devices and read it into the message flow using the SCADA input node.
D.Use the Sybase adapter for Allen-Bradley that reads the Allen-Bradley database directly and sends the data to the message flow through the MQInput node.

Correct:C

10.A banking customer wants strict control of changes to their production environment by isolating their development, test and production environments. This ensures that no changes can be implemented in the production environment by the development or test teams. Only one broker is required for production. Which of the following procedures and minimum broker domain definition provides this control?

A.Define three broker domains, each with one Configuration Manager, one User Name Server and one Broker. Move new or modified resources between the domains using export files.
B.Define one broker domain with one Configuration Manager, one User Name Server and two Brokers. Give administrator user ids from each domain authority to deploy from the Configuration Manager only to their own Broker.
C.Define one broker domain, three Configuration Managers, three User Name Servers and three Brokers. Give administrator user ids from each domain authority to use their own Configuration Manager to deploy to their own Broker.
D.Define three broker domains, each with one Configuration Manager, one User Name Server and one Broker. Deploy new or modified resources from one domain's Configuration Manager to the Broker in the next domain and assume the Websphere MQ intercommunication has been set up correctly between the domains.

Correct:A

11.When running WebSphere Business Integration Message Broker as a trusted application, plug-in nodes and parsers are not recommended. This is because WebSphere Business Integration Message Broker does which of the following?

A.Runs in the same process as the Websphere MQ agent.
B.Takes up too much memory.
C.Requires administrative rights.
D.Slows down the system.

Correct:A

12.A large multinational company has recently deployed WebSphere MQ throughout its whole enterprise. Platforms include OS/390, VSE/ESA, AS/400, Windows 2000 and various UNIX. This company is now introducing WebSphere Business Integration Message Broker. Domains being used are XML and MRM. What are the advantages to this company of using WebSphere Business Integration Message Broker to do data conversion, instead of explicitly using WebSphere MQ data conversion?

A.No data conversion exits are required.
B.WebSphere Business Integration Message Broker can convert all the data types in these domains.
C.WebSphere Business Integration Message Broker will automatically convert to the required CCSID for all target platforms with no ESQL coding.
D.Conversion in WebSphere Business Integration Message Broker simply involves setting the CONVERT

option in the properties folder of a Compute node.

E.WebSphere Business Integration Message Broker automatically sets the CCSID for each target platform.

Correct:A B

13.A customer wants to integrate a legacy application with an existing PeopleSoft implementation using WebSphere MQ as a transport. This implementation is considered quite simple so using WebSphere Business Integration Message Broker is not justified at the moment, but it may be used in the future. Which of the following products provides a simple integration solution and a basis for future use of WebSphere Business Integration Message Broker?

A.WebSphere Business Integration Interchange Server PeopleSoft Collaboration

B.WebSphere Business Integration Adaptor for PeopleSoft

C.Process Choreographer PeopleSoft process template

D.WebSphere MQ Everyplace PeopleSoft Bridge

Correct:B

14.Which of the following BEST describes a WebSphere Business Integration Message Broker "fully globally coordinated" message flow on AIX?

A.Any transaction manager such as WebSphere Application Server can coordinate the resource managers used in a message flow, using the XA interface.

B.WebSphere MQ is the transaction manager that coordinates the resource managers used in a message flow, using the XA interface.

C.WebSphere Business Integration Message Broker is the transaction manager that coordinates the resource managers used in a message flow, using the XA interface.

D.Coordination of the resource managers used in a message flow, using the XA interface, can be done over multiple brokers, multiple domains and multiple platforms.

Correct:B

15.Updates to a customer's billing system will require message transformations using several data sources. Which of the following is a best practice for allowing the Broker to access these data sources under WebSphere Business Integration Message Broker?

A.The broker's service user id would be granted access to each data source.

B.The data sources would grant rights to the broker's database user id.

C.The broker's database would have to be moved to one of the data sources.

D.The broker would be assigned a user id for each data source.

Correct:D

16.Which of the following is a valid solution when sending data to three different MQe Queue Managers?

A.Specify the queue name, queue manager name, and config file for each target queue manager within each of three MQe Output nodes.

B.In each of the three MQeOutput nodes, specify just the queue name parameter as a remote queue definition on the broker's queue manager that points to the target queue.

C.Specify the queue name and queue manager name of the target MQe queue in each of the three MQeOutput nodes.

D.In a single MQeOutput node, specify the Distribution List name that points to the MQe Distribution List containing the three target queues.

Correct:C

17.An online retailer allows customers to enter their orders over the Web. When the order is received, some validation is done to verify the customer ID and inventory from a database. If the product is available, the order is forwarded to the accounting application and shipping application running under CICS. Using WebSphere Business Integration Message Broker as the message router, which of the following software resources will the broker have to interface with?

A.Web Server, Queue Manager, CICS Bridge

B.Web Server, Transactional Server, CICS Bridge

C.Queue Manager and Database Server

D.Queue Manager, Database Server, CICS Bridge

Correct:C

18.An insurance company is integrating their customer claims reporting web site with their claims processing applications using WebSphere Business Integration Message Broker on AIX. A large number of messages will be processed through this system. The users cannot be expected to remain connected until the claim is processed, but require an acknowledgment that their claim has been received and need to know that it will be processed without further checking. What is the BEST choice and reason for a high availability solution?

A.Place the Brokers and their resources under the control of HACMP because of the need for reliable and timely delivery.

B.Place the Brokers and their resources under the control of HACMP because of the need for high volume processing.

C.Place the Brokers' queue managers and the data source queue manager in a WebSphere MQ cluster because of the need for reliable and timely delivery.

D.Place the Brokers' queue managers and the data source queue manager in a WebSphere MQ cluster because of the need for high volume processing.

Correct:A

19.An MSCS cluster spans two Windows 2000 machines sharing an external disk array. A queue manager and a broker are defined on each machine with different message flows deployed to each. Which of the following are true if each queue manager and its associated broker domain have been configured for cold standby?

A.New messages will be load balanced automatically to the second queue manager in the event of a failure.

B.Messages queued on the failing queue manager will be available to the running queue manager.

C.Messages in transit within the broker at the time of failure will not be lost.

D.If the first machine fails, an identical queue manager and broker instance will be started on the second machine.

E.There will be no interruption to the service of any message flows.

Correct:C D

20.Before applying service maintenance, which of the following is a recommended step?

A.Remove the previous fix pack since fix packs are cumulative.

B.Backup the Configuration and Broker databases.

C.Stop WebSphere MQ.

D.Backup the previous version.

Correct:D