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Exam : 000-299

Title : WebSphere Business Integration Message Broker
V5, Solution Design

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QUESTION 1:

A business requirement is to record selected fields from the message data into an audit database table using a database node. These fields will change as the message moves through the message flow requiring the need to record the data twice. While other message flows might have similar audit requirements, the fields that they need to record are likely to be different. What is the MOST appropriate mechanism for reusing this logic?

- A. Create a database ESQL module in the ESQL file for the message flow and point both database nodes to the same module.
- B. Place the database node within a subflow and use the subflow twice in your message flow.
- C. Create an ESQL procedure to perform the appropriate INSERT and call that procedure from both nodes in the flow.
- D. Create a separate text file in your message flow project and place the ESQL for the INSERT into that file. Import this file into both ESQL modules.

Answer: A

QUESTION 2:

An incoming structure contains several timestamp fields. Each of these is in the form YYYY/MM/DD HH:MM:SS. These fields need to be mapped to timestamp fields in the outgoing structure that require the formate MM-DD-YYYY|HHMMSS. Which of the following mechanism is MOST appropriate for the reuse of such logic?

- A. Create an ESQL computr module that performs the transformation.
- B. Create an ESQL function that performs the transformation.
- C. Perform the transformation inside a reuseable subflow.
- D. Create an ESQL procedure that perform the transformation.

Answer: B

QUESTION 3:

Which of the following domains should be specified for self-defining messages?

- A. XML
- B. MRM
- C. NEON
- D. BLOB

Answer: A

QUESTION 4:

Which of the following WebSphere Business integration Message Broker simple element types is used for data that does not conform to any numeric or character representation?

- A. Boolean
- B. Float
- C. Binary
- D. String

Answer: C

QUESTION 5:

Which of the following is NOT true of namespaces?

- A. Elements and attributes are qualified with the namespace from the logical model.
- B. It can be used when outputting 'xmins' attributes.
- C. If no prefix can be found the form 'NSn' is automatically generated run time.
- D. If enabled for the message set, 'xmins' attributes from an input XML document are stored in the tree.

Answer: D

QUESTION 6:

Which of the following is an advantage of encoding message structures using XML?

- A. WebSphere Business integration Message Broker will check that the message conforms to the DTD.
- B. WebSphere Business integration Message Broker create the message structure when it parses the message.
- C. The message structure does not need to be predefined.
- D. Applications exchanging data using XML data require no message transformation.

Answer: C

QUESTION 7:

Certkiller .com has an XA, transactional message flow which updates a database table (A) before propagating the message to a TryCatch node. The Try branch updates another database table (B) and sends the message to the WebSphere MQ Output node which fails. The Catch branch updates a third database table (C). The WebSphere MQ Output at the end of the Catch node works. Which of the following database tables will have been committed?

- A. Database tables A and C.
- B. Database tables A,B and C.

- C. Database table A only
- D. Database C only.

Answer: B

QUESTION 8:

A WebSphere Business integration Message Broker environment consists of one Configuration Manager, one user Name Server and three broker defined within one collective. A WebSphere MQ environment consists of two cluster repositories to support the WebSphere MQ cluster, which in turn provides the intercommunication for the WebSphere Business integration Message Broker collective. What is the minimum number of WebSphere MQ queue managers that must be defined to support this environment?

- A. 2
- B. 3
- C. 4
- D. 7

Answer: B

QUESTION 9:

A message flow design includes updating two DB2 databases. The first update must always be committed, even if the second update does not occur, or if the message flow does not complete successfully. The second update must be committed only if the message flow as a whole succeeds. How should the message flow be implemented?

- A. Do the second database update within the Try branch of a TryCatch node and back it out with a compensating update in the Catch branch.
- B. Set the "Transaction Mode" property of the first Database node to "commit"
- C. Set the "Transactional " property of the message flow to "yes"
- D. Set the 'Transactional' property of the second Database node to "automatic".

Answer: D

QUESTION 10:

Which of the following can be held in the mcd folder of the MQRFH2 message header?

- A. The name of the domain to be used to parse each message.
- B. The information required to register subscribers for WebSphere MQ integrator publish/subscribe.
- C. Information required by the CICS or IMS Bridges.
- D. Information required for routing.

Answer: A,C

QUESTION 11:

When using a Mapping node to transform data, it is possible to do which of the following?

- A. Export a map to an ESQL file and then edit the ESQL.
- B. Map a data structure parsed by the XML parser to one parsed by the MRM parser CWF physical layer.
- C. Point more than one Mapping node in different Message Flows to the same mapping module.
- D. Import an ESQL - based transformation as a map.

Answer: D

QUESTION 12:

In which of the following cases is it MOST effective to use a mapping node?

- A. An incoming XML message is to be transformed into an outgoing XML message. A style sheet for this transformation already exists.
- B. An incoming COBOL copybook is being transformed into an outgoing XML message with a very similar structure that was designed around the COBOL copybook.
- C. A series of different possible client XML message formats are to be transformed into a fixed COBOL copybook format going out.
- D. An outgoing XML structure is to be built based on an incoming COBOL copybook. The mapping between these structures is quite complex and requires the joining of several input fields to produce each output field.

Answer: D

QUESTION 13:

Which of the following is NOT a selected message standard for a tagged/delimited Message Set?

- A. ACORD_AL3
- B. SWIFT
- C. IDOC
- D. X12

Answer: C

QUESTION 14:

WebSphere MQ uses a header called the MQMD to store information for the WebSphere

MQ queue manager. MQRFH2 serves the same purpose for WebSphere Business integration Message Broker brokers. Certkiller .com's requirement is to add his own header in the messages that his company uses to store specific information relating to the company. Which of the following solutions are viable in this case?

- A. Define his company header in the MQMDE, the MQMD extension.
- B. There is no way to add his company header as that would involve changing WebSphere Business integration Message Broker.
- C. Define the company header to WebSphere MQ. WebSphere MQ integrator is able to parse all known WebSphere MQ headers.
- D. Define the company header as part of his message and create a plug-in parse to parse the information.
- E. Define the company header as part of the MQRFH2 header in the user-defined properties folder.

Answer: D,E

QUESTION 15:

A namespace prefix CANNOT be described as which of the following?

- A. A qualifier to group XML element and attribute names.
- B. An abbreviated method of referencing a full URI.
- C. A definition used in instance documents using xmins declarations.
- D. Xmins:test=http://www.ibm.com.test

Answer: A

QUESTION 16:

Which of the following describes a function of publish/subscribe within WebSphere Business integration Message Broker?

- A. The broker is configured by an administrator to direct where all publications will be sent.
- B. Publishing applications can ensure that the published information is only sent to a local broker.
- C. Subscribing applications can select the publishing applications from which they will accept messages.
- D. Publishing applications can select the applications that will receive the published information.

Answer: B

QUESTION 17:

When migrating message flows, ESQL code is copied from the v2.1 flow and then wrapped in a MODULE in the main function. Which of the following statements is true?

- A. there is no change to the code.
- B. If a RETURN statement is not found in the code, a module is created.
- C. If a RETURN statement is found, the ESQL code is wrapped around the RETURN statement.
- D. The message flow report file will have the extension .mrp.

Answer: A

QUESTION 18:

Which source control client is supplied natively with WebSphere Business integration message broker?

- A. PVCS
- B. Microsoft Visual Source Safe
- C. Rational ClearCase LT
- D. CVS

Answer: D

QUESTION 19:

A large financial corporation requires all errors to be handled. Based on the type of error, the message is either to be output to a recycle queue or simply to be rolled back and output to the failure queue. Which of the following IBM primitive nodes are needed for this error strategy?

- A. Trace
- B. Throw
- C. Filter
- D. Extract
- E. TryCatch
- F. Rollback

Answer: A,E,F

QUESTION 20:

Using WebSphere Business integration Message Broker for z/OS, how many address spaces are associated with an active broker with no message flows deployed?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: B

QUESTION 21:

Certkiller .com uses PVCS as its standard source control manager. WebSphere Business integration Message Brokers has just been installed. Which of the following actions are necessary before the message flows and message sets may be placed under PVCS control?

- A. Download the PVCS Eclipse plug-in from Merant and install it.
- B. Download the IBM Source Control Agent for Message Brokers and install it.
- C. Copy the message flows and message sets into the PVCS folder, and then play PVCS.
- D. Export the message flows and message sets to the PVCS file system and place them under PVCS control and then reimport them.

Answer: A

QUESTION 22:

Fixed format, legacy message are the input to a message flow. These messages will contain packed decimal data as well as EBCDIC textual data. What ensures that the WebSphere Business integration Message Broker nodes in the message flow can interpret and alter the individual data fields?

- A. The messages are defined in the MRM.
- B. Use of webspher mq built-in conversion on MQGET.
- C. Insertion of an RFH2 header into each message if one is not present.
- D. Conversion of messages to XML.

Answer: A

QUESTION 23:

Certkiller .com requires that a websphere business integration message broker message flow is initiated every time a row is updates in a table within Certkiller .com database. This requirement can best be met by performing which of the following steps?

- A. Chang the properties of a websphere business integration JDBC adapter to reference a database trigger used for the table, and enqueueing the message.
- B. Use the IBM primitive Database node in WebSphere Business integration Message Broker.
- C. Use the IBM primitive Mqinput node in WebSphere Business integration Message Broker, to add database as an input resource.
- D. Implement a DataUpdate node in WebSphere Business integration Message Broker.

Answer: A

QUESTION 24:

An advantage of migrating message sets to WebSphere Business integration Message Broker v5 from WebSphere MQ integrator v2.1 is:

- A. Recursion is permitted for the CWF and TDS physical formats.
- B. Once the message set is created the name and the identifier can be changed.
- C. Level and state information will be preserved.
- D. Either the name or the identifier can be used in the MQRFH2 header

Answer: D

QUESTION 25:

Two message flows will perform the same function, but will get the data from different queues. These flows will need to run in the same execution group. What is the MOST effective mechanism for reusing such logic?

- A. Develop the logic as a subflow and create two separate main message flows that begin with different Mqinput nodes, but then call the same sub flow.
- B. Develop one message flow and reset the queue name in the metadata of the bar file used for deployment.
- C. Develop the logic as a normal message flow. Next, replace the Mqinput node and Mqoutput nodes with input nodes and output nodes. Build two separate main flows that begin with different Mqinput nodes, and then call different Mqoutput nodes.
- D. Develop two completely separate message flows, but have all Computer nodes in each call the same ESQLE Computer module.

Answer: D

QUESTION 26:

The maximum number of WebSphere Business integration Message Brokers that can be defined for each WebSphere MQ queue manager is:

- A. Limited only by available system resources.
- B. One
- C. Two
- D. Dependent on configuration options.

Answer: B

QUESTION 27:

Updates to Certkiller .com'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 source 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 source.
- D. The broker would be assigned a user id for each data source.

Answer: D

QUESTION 28:

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 queue.

Answer: C

QUESTION 29:

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.

Answer: D

QUESTION 30:

A proof of concept is running on a uni-processor Windows 2000 system in which persistent messages must access a DB2 UDB database under an XA Unit of Work. Which of the following actions MUST be performed to set this up?

- A. Configure the WebSphere MQ queue manager for the broker to be the XA resource coordinator for the DB2 UDB Database and set the Coordinated Transaction property of the bar file.
- B. Configure the WebSphere MQ queue manager for the broker to be the XA resource

coordinator for the DB2 UDB database and set the Transaction Mode property of the Mqinput node to YES.

C. Configure the WebSphere MQ queue manager for the broker to be the XA resource coordinator for the DB2 UDB database and set the Transaction Mode property of the Database node to YES.

D. Configure the same WebSphere MQ queue manager for the broker and the configuration Manager and configure it to be the XA resource coordinator for the DB2 UDB database

Answer: A

QUESTION 31:

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 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 Manger, Database Server, CICS Bridge

Answer: C

QUESTION 32:

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 message 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.

Answer: C,D

QUESTION 33:

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.

Answer: C

QUESTION 34:

Certkiller .com wants to improve the performance of their application which accepts over 800k messages a day. This application requires database updates to 20 tables per message. The current message flow uses a Compute node and a Database node. The compute Node propagates an environment tree to the Database node for each table update. Which of the following activities can be performed in a proof of concept to improve performance?

- A. Use a Database node to call a stored procedure which will handle the updates to the 20 tables.
- B. Have the application re-written to send a separate message for each table.
- C. Use a dedicated Database node for every Table being updated.
- D. Propagate the message instead of the environment tree to the Database node instead.

Answer: A

QUESTION 35:

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 two

Brokers. Given 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 domain, 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.

Answer: A

QUESTION 36:

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.

Answer: B

QUESTION 37:

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.

Answer: A

QUESTION 38:

A large multinational company has recently deployed WebSpher 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. Domain 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 domain.
- 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.

Answer: A,B

QUESTION 39:

Certkiller .com 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.

Answer: B

QUESTION 40:

Two departments within a large company have independently implemented integration solutions using WebSphere MQ and WebSphere Business integration Message Broker. By chance, the queue manager names used in the two solutions are identical. The whole company is now going to use WebSphere MQ and WebSphere Business integration Message Broker as their messaging middleware infrastructure, to be managed by a central group. Which of the following will happen when they integrate the two departments?

- A. The identically named queue managers will co-exist with no change.
- B. The duplication of queue manager names must be removed.
- C. A queue manager alias is required for each of the duplicate queue managers.
- D. WebSphere MQ will automatically rename the duplicate queue managers.

Answer: B

QUESTION 41:

Certkiller .com currently uses WebSphere MQ publish/subscribe applications. Which of the

following message headers should be used in WebSphere Business integration Message Broker to support Content-based filtering?

- A. MQRFH
- B. MQRFH2
- C. MQMD
- D. MQRMH

Answer: B

QUESTION 42:

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 acknowledgement that their claim has been received and need to know that it will be processed without future 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 Broker's 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 Broker's queue managers and the data source queue manager in a WebSphere MQ cluster because of the need for high volume processing.

Answer: A

QUESTION 43:

Certkiller .com wants to build corporate data from their manufacturing equipment into their control program running on z/OS. 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 MqiInput 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 MqiInput node.
- C. Use an Arcom Control 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 MqiInput node.

Answer: C

QUESTION 44:

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.

Answer: B

QUESTION 45:

Certkiller .com 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 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. WebServices Description Language (WSDL) file
- D. A DTD file

Answer: D

QUESTION 46:

When implementing WebSphere Business integration Message Broker, both the client 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

Answer: A

QUESTION 47:

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

Answer: C

QUESTION 48:

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. Transactinal support
- C. ESQL
- D. WebSphere MQ real-time (JMS/IP) Transport

Answer: B

QUESTION 49:

Certkiller .com 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 mqsisetbparms command.
- D. Use the mqsichangeproperties command.

Answer: C

QUESTION 50:

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 Destination Data [] in Local Environment, 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.

Answer: D

QUESTION 51:

An administrator is to be granted the rights to deploy all developed message flows to the company's QA environment. What group membership should the administrator have on the Configuration Manager for the QA environment?

- A. mqbrops
- B. mqbrasgn
- C. mqbrkrs
- D. mqbrtpic

Answer: A

QUESTION 52:

Data is to sent to a broker over a satellite link where the sending company is charged a relatively high price per data packet. This makes the amount of data sent over the network the primary consideration. Which of the following transports will be the MOST efficient in such a situation?

- A. WebSphere MQ Real-time (JMS/IP)
- B. WebSphere MQ Telemetry (SCADA)
- C. WebSphere MQ enterprise (MQ)
- D. WebSphere MQ everywhere (Mqe)

Answer: B

QUESTION 53:

In order to correct a problem discovered with a previously deployed message flow, which of the following is the minimum set required tasks in WebSphere Business integration Message Broker assuming that the message flow's project and the msgflow file itself are placed under Rational ClearCase source control?

- A. Open the msgflow file in the Message Brokers toolkit, make the corrective changes, save the file and redeploy the bar file.
- B. Check out the msgflow file from Rational ClearCase, open it in the Message Brokers Toolkit, make the corrective changes, check the msgflow file in to ClearCase, and redeploy the bar file.
- C. Check out the msgflow file from Rational ClearCase, open it in the Message Brokers Toolkit, make the corrective changes, open the bar file in the Toolkit remove the old version of the msgflow, and the new version of the msgflow to the bar file, save and resploy the bar file.
- D. Check out the msgflow file from Rational ClearCase, open it in the Message Brokers Toolkit, make the corrective changes, check the msgflow file into ClearCase, open the bar file in the Toolkit remove the old version of the msgflow, and the new version of the msgflow to the bar file, save and resploy the bar file.

Answer: C

QUESTION 54:

Which of the following heap sizes is LEAST important to be configured on the Configuration Manager database?

- A. Application Heap Size
- B. Application Control Heap Size
- C. Database Heap Size
- D. Logging Heap Size

Answer: D

QUESTION 55:

In a test environment a Configuration Manager is running on one machine a broker and Toolkit are running on a development machine and a Broker and Toolkit are running on a third test machine. Both Brokers are regictered with the same Configuration Manager. On the development machine there is a message flow called WCStoSAP assigned to its Broker, and on the test machine there is another message flow called WCStoSAP assigned to its Broker. A change is made to the WCSto SAP message flow on the development machine and saved. The new version is added to the bar file. Both execution groups are then redeployed. The message flows on the development and the test machine are which of the following?

- A. Different, because user based version control is implemented.
- B. Different, because they are assigned to different brokers.
- C. The same, because they are deployed from the same bar file.

D. The same, because the message flows overwrite each other.

Answer: C

QUESTION 56:

A Message Broker Archive (bar) file has been created by a developer for deployment purposes in the development environment. The developer then simply selected his message flow and added it to the bar file without changing any options during the add. The message flow references two sub flows. The developer did not add the subflows to the bar file. Which of the following is true?

- A. This bar file can be deployed to a System Test environment as long as all resources required by the message flow are present in the System Test environment.
- B. This bar file cannot be deployed to the system test environment since the sub flow were not added to the bar file.
- C. This bar file cannot be deployed to the system test environment since the metadata containing the queue names and other similar properties has not been populated.
- D. This bar file cannot be deployed to the system test environment since the UUID assigned to the flow when it was compiled has been assigned to the Development environment.

Answer: A

QUESTION 57:

A new front end web application is being developed in Java to allow users to submit applications for loan. Given the credit check requirements for loan application processing, it is expected that the application processing will take several hours in most cases. An existing loan processing application written in COBOL, running on z/O, and currently receiving the data through web sphere MQ will perform the actual processing. Which of the following is the BEST choice for implementing this scenario?

- A. Develop the web application to build the data format of the COBOL copybook of the existing application and send it directly to the existing application's queue.
- B. Develop the web application to build the data into a SOAP request and send it directly to the existing application's queue via JMS.
- C. Develop the web application to build the data into a SOAP request and send it to a message flow input queue using JMS. Then configure the message flow with an Mqinput node to transform the message into the existing application's COBOL copybook and send that data to the existing application's queue.
- D. Develop the web application to build the data into a SOAP request and send via an HTTP POST to a message flow. Then configure the message flow with an HTTPinput node to transform the message into the existing application's COBOL copybook and send that data to the existing application's queue.

Answer: C

QUESTION 58:

IBM provides support for which of the following Eclipse source control plug-ins.

- A. CVS
- B. PVCS
- C. Visual Source Safe
- D. ClearCase LT
- E. CHANGEman

Answer: A,D

QUESTION 59:

A department needs to pass a bar file to another department within an organization that has a separate web sphere business integration message brokers environment. Message flows in that bar file access a sub flow that should also be passed to the other department. It is important however, for the other department to be able to make internal modifications to the functions of the sub flow. What is the best way to get them the data?

- A. Simply export and give them the bar file as you have deployed it. Everything that they need is automatically included.
- B. Export all of the msgflow and mset files that have been included in the bar file to the file system and pass them those files since the sub flow cannot be added to the bar file.
- C. Build a new bar file including the files that have been deployed and then separately add the sub flow itself to the bar file.
- D. Build a new bar file making sure that include message flow/set source has been selected export the new bar file and give it to them since the source will include the sub flow code as well as the main flows and sets.

Answer: D

QUESTION 60:

To start a message flow, what is the minimum level of rights that a user must have?

- A. View Authority on the Execution Group running that message flow.
- B. Deploy Authority on the broker running that message flow.
- C. Deploy Authority on the Execution Group running that message flow.
- D. Full Control on the Execution Group running that message flow.

Answer: C

QUESTION 61:

A primary concern is the real time nature of the statistics that is being gathered. The

Intent is to use them for problem reporting. Which of the following is MOST appropriate to gather?

- A. Snapshot publishing statistics with a destination of xml.
- B. Snapshot publishing statistics with a destination of usertrace.
- C. Archive statistics with a destination of xml.
- D. Archive statistics with a destination of usertrace.

Answer: A

QUESTION 62:

Which of the following functions can be provided by a system management tool that is NOT provided by the WebSphere Business Integration Message Broker?

- A. Queue manager administration
- B. Request reply
- C. Message warehousing
- D. Message transformation

Answer: A

QUESTION 63:

Which of the following is NOT an approach for accessing a database within a message flow with a userid?

- A. The userid may be picked up from the context of the WebSphere MQ message.
- B. The userid may be picked up from the ODBC alias.
- C. The userid may be established with the mqsisetdbparms command.
- D. The broker's service userid may be used.

Answer: A

QUESTION 64:

A new, Java-based web application is being developed that will allow a very large number of users to dynamically interact with each other. It is anticipated that the volume of messages exchanged in this application will be on the order of tens of thousands per second. What is the MOST appropriate use of brokering in this environment?

- A. It is not appropriate to use brokering at all in this environment. Users should be linked entirely through direct java coding to access a common database.
- B. Each user should subscribe to the topics that they are interested in and should publish non-persistent WebSphere MQ messages through the broker to those subscribers.
- C. Users should subscribe to the topics they are interested in using the JMS Real-Time transport

protocol and then publish their data through a message flow using the Real-Time Optimized Flow node.

D. Users should subscribe to the topics they are interested in using the mqisd transport protocol and then publish their data through a message flow using the SCADA input node.

Answer: C

QUESTION 65:

The primary application promotion process at Certkiller .com moves through four environments: Development, System Test, Staging: Production. How many configuration managers should there be?

- A. One because a single, multi-versioned code repository is needed.
- B. Two because some users must be authorized to test to Development and Test and other users to Staging and Production.
- C. Three because no configuration manager is needed for a development environment. The developers can just test within their toolkit
- D. Four because a different deployed version of the code in each environment must be maintained.

Answer: D

QUESTION 66:

When implementing source control for files within the Message Broker Toolkit, which of the following statements is true?

- A. Any file based source control system may be used.
- B. Only Rational ClearCase may be used.
- C. Only CVS may be used.
- D. Any source control system may be used that provides an Eclipse plug-in.

Answer: A