IBM

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Accessment: IBM WebSphere MQ V7.0, Solution Design

Answer: A

QUESTION: 86
A server application will be written to respond to request messages from multipleindependent sources. Each request message will have a unique reply-to-queue. Which MQI calls should be used in addition to MQCONN and MQDISC?

A. MQGET, MQPUT
B. MQGET, MQPUT1
C. MQOPEN, MQCLOSE, MQGET, MQPUT
D. MQOPEN, MQCLOSE, MQGET, MQPUT1

Answer: D

QUESTION: 87
While planning for a new application, the performance of nonpersistent messages sent through message channels is being discussed. If the messages will be sent through channels with NPMSPEED(FAST), which of the following BEST describes the effect this will have?

A. The channel will send nonpersistent messages with a higher priority than persistent ones.
B. Nonpersistent messages can be made available by the receiver channel more quickly, but they can be discarded if they cannot be delivered.
C. Nonpersistent message delivery is as reliable as if NPMSPEED(NORMAL) had been used, and nonpersistent messages can be delivered by the receiver channel more quickly.
D. The queue manager will attempt to deliver the nonpersistent messages more quickly, but their availability on the receiving queue manager might be delayed while waiting for the channel to commit them.

Answer: B

QUESTION: 88
A bus company is implementing a solution which will display in real-time the arrival information of the next buson the bus stop sign. Each bus is sending information about its position at regular intervals. What is the best way of implementing this solution given that there is limited bandwidth for communication? The bus stop sign:

A. subscribes to messages published by the bus
B. queries a central system for bus position using SOAP over HTTP
C. replicates its own database every few minutes with a database stored on a central system
D. sends a message with a request every few minutes to a central system in order to query

bus position. All replies are compressed.

Answer: A

QUESTION: 89
A company is implementing a new solution on HP-UX that will send orders to the Order Processing system, which is a WebSphere MQ application on the mainframe. Which of the following configurations for the new solution on HP-UX provides the function needed for this scenario? The solution on HP-UX would run:

A. only as a client, using the WebSphere MQ client on HP-UX to access the Order Processing system.
B. only as a server, using the WebSphere MQ server on HP-UX to access the Order Processing system.
C. as a client or full server, using either the WebSphere MQ client or a full WebSphere MQ server on HP-UX to access the Order Processing system.
D. as a standalone application, accessing aWebSphere MQ-enabled adapter on the mainframe to access the Order Processing system.

Answer: C

QUESTION: 90
The use of Shared Queues on z/OS provides which of the following high availability benefits that are not available on distributed platforms?

A. Aplatform-based failover capability to provide access to queue data for processing.
B. The ability to have another queue manager process messages in the event a primary queue manager fails.
C. Workload balancing to allow for multiple MQ Enabled applications to process messages in a dual production lane configuration.
D. In the event of a queue manager failure, the ability of one of its peers to provide uninterrupted service to the queues that the failed queue manager had been processing.

Answer: D

QUESTION: 91
Which of the following contains the best mix of items to utilize in a queue name?

A. Application Identifier, Function
B. Queue Purpose, Object Type, Function
C. Application Identifier, Environment Identifier, Location

D. Environment Identifier, Object Type, Application Identifier

Answer: A

QUESTION: 92
A company is using WebSphere MQ V7 publish/subscribe to publish status information about an application on the topic string ustomer/status?A company is using WebSphere MQ V7 publish/subscribe to publish status information about an application on the topic string ?ustomer/status? A new MQI application wants to subscribe to the status information, but is only interested in the information when the status is navailable? TheA new MQI application wants to subscribe to the status information, but is only interested in the information when the status is available The solution designer is evaluating ways to design the solution so that the application onlyreceives a subscription when the status is available solution designer is evaluating ways to design the solution so that the application only receives a subscription when the status is available. The company does not mind writing additional code as long asit does not impact existing subscribers, but they do not want to change the topic. Which set of product(s) can provide the needed publish/subscribe function using the least components?

A. WebSphere MQ V7.0
B. WebSphere MQ V7.0 with WebSphere MessageBroker
C. WebSphere MQ V7.0 with the WebSphere MQ Explorer Publish/Subscribe plug-in SupportPac
D. WebSphere MQ V7.0 with WebSphere Message Broker and the WebSphere MQ Explorer Publish/Subscribe plug-in SupportPac

Answer: A

QUESTION: 93
A designer isasked to explain the scope of message encryption provided by the SSL support in WebSphere MQ. Which of the following is the most accurate?

A. Messages are encrypted by the sending channel agent and decrypted by the receiving channel agent
B. Messages are encrypted when they are put on the transmission queue and decrypted by the receiving channel agent
C. Messages are encrypted from the time they are put by the application, up to when they are retrieved by the receiving application program's MQGET call.
D. The time when messages are encrypted and decrypted is variable, and is controlled by both QMGR and CHANNEL attributes.

Answer: A

QUESTION: 94

There is concern about the security of an application data, so the solution designer is asked to explain what protection is available from SecureThere is concern about the security of an application? data, so the solution designer is asked to explain what protection is available from Secure Sockets Layer (SSL). Which of the following best describes the SSL supportin base WebSphere MQ?

A. confidentiality (data encryption)
B. authentication and confidentiality (data encryption)
C. authentication, confidentiality (data encryption) and integrity
D. authentication, confidentiality (data encryption), integrity and non-repudiation

Answer: C

QUESTION: 95

A company utilizes virtualization technologies and frequently moves workloads between servers and data centers. A WebSphere MQ solution designer is attempting to plan the MQ naming standards, and wants to provide for thegreatest level of architectural flexibility and portability. Which of the following is NOT a recommended best practice to meet these goals?

A. Use alias queues and/or model queues with the application configuration.
B. Use a configuration file for the application which contains the environment specific queue names.
C. Use generic names for MQ objects inside applications to avoid hard-coding the actual names.
D. Use full uppercase for all objects and avoid forward slash (/) and percent (%) special characters, to prevent portability issues.

Answer: B

QUESTION: 96

In order from the most to the least flexible, which is the correct integration styles in terms of flexibility and reuse?

A. Direct connectivity, message queuing, message brokering
B. Messagebrokering, direct connectivity, message queuing
C. Message brokering, message queuing, direct connectivity
D. Message queuing, message brokering, direct connectivity

Answer: C

QUESTION: 97
The solution designer is considering how a WebSphere MQ application program can be made aware of problems when a message it created is delivered by a remote channel agent. Which of the following could be used for this purpose?

A. The Completion andReason code in the sending application program
B. A report message option can be set by the sending application program
C. A GUI utility to display the dead letter queue on the remote queue manager, so that the dead letter header can be browsed.
D. There is no way to determine the success of a put by a remote message channel agent from within the local application program.

Answer: B

QUESTION: 98
A solution designer is looking to implement a highly available WebSphere MQ solution. In the event of a queue manager failure, there is a requirement for several backup queue managers to get and process the messages from the primary input queue thatwas being processed by the failed queue manager. Considering the advances in high availability options (e.g. HACMP, WebSphere MQ clustering), which of the following deployment options is most valid?

A. z/OS
B. z/OS, AIX
C. z/OS, AIX, Windows
D. z/OS, AIX,Windows, Red Hat Enterprise Linux

Answer: A

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