

# IBM

## Exam C9530-277

### IBM WebSphere Message Broker V8.0 System Administration

Version: 6.0

[ Total Questions: 55 ]

**Question No : 1**

A system administrator has been tasked to replace IS02 plugin with WebSphere Message Broker Explorer that is shipped with WebSphere Message Broker runtime, on an existing WebSphere MQ Explorer installation. The system administrator uninstalls IS02 and installs Message Broker Explorer. However, when the MQ Explorer is opened, the Brokers view cannot be seen. What did the system administrator forget to do?

- A. Update the MQExplorer.ini file.
- B. Delete the link file located in <WMQ Explorer install>/eclipseSDK33/eclipse/links.
- C. Restart the queue manager prior to installing WebSphere Message Broker Explorer.
- D. Restart the queue manager and broker prior to installing WebSphere Message Broker Explorer.

**Answer: B**

**Question No : 2**

An application team consults with a system administrator on ways to increase the response time of one of their message flows. The system administrator is also informed that the messages are not that critical, peak volumes are very high and response time should be very low. The system administrator performs a quick analysis of the system data during peak volume processing and notices that the CPU utilization is moderate but I/O operations are very high. How should the administrator suggest to improve the message flow response time?

- A. Change the messages from persistent to non persistent.
- B. Create a new execution group and deploy additional instances.
- C. Increase the Additional Instances of the message flow.
- D. Increase the maximum JVM Heap Size of the execution group.

**Answer: A**

**Question No : 3**

A company has multiple users that access broker using web user interface. The system administrator of the company has been asked to define security for a group of users in such a way that user1 is able to view all the broker resources, user2 is able to view and modify all the broker resources and user3 is able to view and modify selected broker resources. What does the system administrator need to do?

- A. Only run the command mqsiwebuseradmin
- B. Only ensure that broker administration security is active.
- C. Define security and roles at the Operating system level.
- D. Ensure broker administration security is active and run the command mqsiwebuseradmin

**Answer: D**

**Question No : 4**

A system administrator is designing an active-active, high availability configuration to WebSphere Message Broker using two nodes. Which are the minimum components required in each node for this configuration?

- A. 2 active queue managers and 2 active brokers
- B. 2 active queue managers, 1 active broker and 1 passive broker
- C. 1 active queue manager, 1 passive queue manager and 2 active brokers
- D. 1 active queue manager, 1 passive queue manager, 1 active broker and 1 passive broker

**Answer: D**

**Question No : 5**

A system administrator executes the command mqsirestorebroker to restore a broker on a QA environment. However, it is found that the backup file used contains incomplete information associated with the broker. Which of the following situations may result in the failure during creating the backup file?

- A. The broker is stopped.
- B. The execution groups are running.
- C. A deployment is in progress.
- D. A message flow with a HTTPRequest node is receiving input messages.

**Answer: C**

**Question No : 6**

A system administrator has detected a performance problem on execution group EG1 in

broker BRK1. The system administrator reviews the local error log (syslog) but does not find errors. As a result, the system administrator activates the resource statistics and finds that the CumulativeGCTimeInSeconds value increases every 5 seconds in each 20-second statistics interval. What should the system administrator do to resolve the performance issue?

- A. Increase the jvmMaxHeapSize for EG1.
- B. Assign additional memory resources in the server.
- C. Configure the parameter MaxMemoryInMB for EG1.
- D. Create additional instances in the message flows deployed in EG1

**Answer: A**

**Question No : 7**

An application team informs the system administrator that a new flow has performance issues. The system administrator does the analysis and notices that although the flow contains less than 10 nodes and does not contain any complex logic, it is processing very large messages. What should the system administrator do to enhance the DataFlowEngine performance?

- A. Reduce the stack size.
- B. Reduce the minimum JVM Heap size.
- C. Increase the stack size.
- D. Increase the minimum JVM Heap size.

**Answer: B**

**Question No : 8**

An established insurance (parent) company has legacy applications that require data in the COMMAREA format. It has acquired a small insurance (child) company with applications that use the XML format for application communication. The parent company wants to use the child company's web customer portal. This requires interaction between the legacy and modern application to process a transaction. How should the system administrator implement this requirement?

- A. Implement WebSphere Message Broker and route the request in specified formats to the target components.
- B. Implement two different format request invocation from the web application and use WebSphere Message Broker to route to the target components.
- C. Web application invoke the modern application on XML format request then process the

legacy application request.

**D.** Web application routes the request in the format required by the target components, passing thru WebSphere Message Broker.

**Answer: A**

**Question No : 9**

A system administrator is asked to back up a broker in a production environment by executing the command `mqsibackupbroker`. Which artifacts should the system administrator expect to be included in the backup file?

- A.** The inflight aggregations.
- B.** The configurable services.
- C.** The user-defined security exits.
- D.** The queues used for the deployed message flows.

**Answer: B**

**Question No : 10**

A system administrator is asked to assist a developer who has setup a message flow that uses an HTTP Input node to securely process SOAP messages deployed to run on LINUX broker BRK1. After xdeploying the flow into the production environment, the application invoking the flow is receiving a failure response. What should the system administrator do to get the developer to understand the security exception? Have the developer:

- A.** change the validation property to Content and Value.
- B.** change the identity token type on HTTP Input node to Username.
- C.** change the Fault format property of the HTTP Input Node to SOAP1.2 and retest the failing request.
- D.** set Treat Security Exceptions as normal exceptions property of the HTTP Input Node, redeploy the message flow and retest failingrequest.

**Answer: D**

**Question No : 11**

A system administrator is monitoring the Activity Logs in WebSphere Message Broker