



000-314

IBM WebSphere Message Broker V6.1, System Administration

Exam number/code: 000-314

Exam name: IBM WebSphere Message Broker V6.1, System Administration

Questions & Answers: 106 Q&A

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Question 1:

An administrator's primary concerns are on isolation and downtime. The current WebSphere Message Broker (WMB) V6.1 production environment needs to be configured so that the four applications using WMB takes the administrator's primary concerns into account. What is the ideal configuration?

- A. A separate broker for each application on separate pieces of hardware with failover implemented; each managed by its own configuration manager.
- B. Four brokers on a single piece of hardware with failover implemented; all managed by a single configuration manager.
- C. A separate broker for each application on separate pieces of hardware; all managed by a single configuration manager.
- D. A single broker with four execution groups on a separate piece of hardware; managed by its own configuration manager.

Answer: A

Question 2:

An administrator has been asked to help plan a new WebSphere Message Broker (WMB) V6.1 environment. The environment needs to be setup so there is minimal risk of test developers having access to the production system. The environment also needs to have minimal risk of the administrator accidentally deploying to the production system when they should be deploying to the test system. Which scenario will help ensure these minimal risks?

- A. The Configuration Manager Proxy API Exerciser managing production brokers and test brokers in a broker collective
- B. A Configuration Manager managing production brokers and a separate Configuration Manager managing test brokers
- C. Separate Toolkit workspaces managing production brokers and test brokers
- D. A Configuration Manager managing a production broker domain and a test broker domain

Answer: B

Question 3:

An administrator needs to install a maintenance update and fixes to the broker runtime environment on Windows. Which command or tool can be used by the administrator to install the maintenance?

- A. Perform the update using the fixpack launcher .exe file.
- B. Perform the update using Rational Agent Controller.
- C. Perform the update using IBM Installation Manager.
- D. Perform the update using Rational Product Updater.

Answer: A

Question 4:

A broker administrator needs to create a broker DB2 database on Windows using the default port number. Which command should be used to define a broker BRKR01 database?

- A. mqsicreatedb -d BRKR01 -p 1527
- B. mqsicreatedb BRKR01
- C. mqsicreatedb BRKR01 -p 1414
- D. mqsicreatedb -d BRKR01

Answer: B

Question 5:

The application team that is making SOAP requests via HTTP to a flow has decided to switch to using WebSphere MQ (WMQ) for the binding.

Which action is possible for the administrator to make this change?

- A. Have the developer change the 'Imported binding' and redeploy the flow.
- B. No action is possible. It is not supported by the SOAPInput node.
- C. Use `mqsichangeproperties` to switch the binding on this execution group to WMQ.
- D. Override the 'Imported binding' with the WMQ binding.

Answer: B

Question 6:

A broker administrator needs to test the production version of the message flow on the test broker within the same configuration manager domain. The message flow's MQInput node is setup to access the queue named PROD.IN. The message flow should refer to TEST.IN queue. How should the administrator most effectively accomplish this queue name change?

- A. Copy the execution group in the Object view to the test broker, then use the Queue aliasing option for the test execution group.
- B. Modify the Queue Name for the MQInput node in the .cmf of the .bar file, then redeploy to the test broker.
- C. Create a new message flow using the alias queue option within the brokerMQInput node, add to the existing .cmf file, and redeploy to the test broker.
- D. Modify the production message flow's source to act on TEST.IN, then redeploy to the test broker.

Answer: B

Question 7:

A broker administrator at a large travel agency has just implemented a new production broker domain. The domain includes a UserNameServer because access control is to be used for publish/subscribe topics. The configuration manager and UserNameServer are running and they share the same queue manager. The administrator is attempting to build the first topic tree. However, when attempting to assign groups to the topic, no groups are being shown except PublicGroup. Which administrator action will correct this problem?

- A. Change each broker in the domain to include reference to the UserNameServer's queue manager.
- B. Change each broker in the domain using the -j flag, indicating that publish/subscribe is to be used.
- C. Change the configuration manager to include reference to the UserNameServer's queue manager.
- D. Change the configuration manager using the -j flag, indicating that publish/subscribe is to be used.

Answer: C

Question 8:

A company's IT division has a broker domain consisting of a single broker BRK configured to configuration manager CFGMGR. Both the components are running on a single AIX server. A new security policy was put in place by the company which required all components to be started and stopped under a new user ID. Which setup does the administrator need to perform to enable the broker and configuration manager to be started or stopped with the new user ID?

- A. CreateaUserNameServer and add the new user ID.
- B. Runthemqsichangebroker command with the new user ID and password.
- C. Runthemqsichangedbimgr command with the new user ID and password.
- D. Add the new user IDtomqm and mqbrkrs groups of the machine.
- E. Runthemqsisetdbparms command adding the new user ID and password.

Answer: D

Question 9:

A large utility company has decided to implement messaging using WebSphere MQ with WebSphere Message Broker (WMB) V6.1. The production broker will be hosted on the z/OS system where Resource Recovery Service (RRS) has been configured and is active. What must the administrator do to ensure all transactional message flows will be globally coordinated on this production broker?

- A. In the bar file, ensure the Transaction mode setting fortheMQInput node is properly set to "Yes" and all other Transaction modes are set to "Automatic".
- B. Nothing.
- C. Ensure the message flow is configured as a coordinated transaction in the bar file.
- D. Configure DB2 for XA coordination; configure the queue manager for XA coordination; and ensure the message flow is configured as a coordinated transaction in the bar file.

Answer: B

Question 10:

A broker administrator is having problems deploying a bar file to a WebSphere Message Broker (WMB) V6.1 running on UNIX. The return code is:

BIP8081 An exception was caught while processing the command, 'Unable to format an lmbException message for output, lmbException message number is BIP2164'.

What will cause this error?

- A. The broker administrator's user ID does nothavemqbrkrs group membership.
- B. The broker has not been started.
- C. The bar file does not contain a META-INF/keywords.txt file.
- D. The new deployment has caused corruption of the broker runtime memory.

Answer: A

Question 11:

A company's IT policy requires the administrator to capture the versions of all artifacts being deployed and installed. Which policy should the broker administrator require the developers

to implement during their coding so the administrator can capture the versions of all flows and subflows?

- A. Select the Enable Version Control checkbox under Broker Development from the Broker Toolkit Preferences.
- B. Populate the Version field for each flow (andsubflow) using the Broker Archive Editor in the Toolkit.
- C. Set the Version of each flow (andsubflow) using the \$MQSI keyword=value MQSI\$.
- D. Enable the Message Broker's built-in version control system.

Answer: C

Question 12:

The administrator needs to configure a few components to enable debugging. What two things need to be done to use the visual debugger to trace code deployed to a Message Broker execution group?

- A. Create a debug profile in the debug perspective.
- B. Configure the execution group's debug port.
- C. Configure the 'Java debug setting' tab for Java.
- D. Start the IBM Rational Agent Controller (RAC) before the broker.
- E. Install the IBM Rational Agent Controller (RAC).

Answer: A,B

Question 13:

A developer has built a flow that uses the EmailOutput node to send notifications of order shipments. The SMTP server requires authentication with a specific user ID and password. What does the administrator need to do before the developer attempts to deploy the flow?

- A. Create a SMTP configurable service with mqsicreateconfigurable service.
- B. Update the default SMTP configurable service with mqsupdatebroker.
- C. Create a security identity with mqssetdbparms.
- D. Include the message set that contains the SMTP configuration information.

Answer: C

Question 14:

A WebSphere Message Broker (WMB) administrator wishes to determine all of the active execution groups for broker WBRK_BROKER. Which command should be performed?

- A. mqsolist -a
- B. mqsolist WBRK_BROKER -e all
- C. mqsolist WBRK_BROKER
- D. mqsolist WBRK_BROKER -e

Answer: C

Question 15:

An administrator developed a batch program using the Configuration Manager Proxy (CMP) to automate the deployment process. The following is part of the code:

```
cmp.startUpdates();
```

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```
BrokerProxy b1 = topology.getBrokerByName("BRK1", "QM1");
ExecutionGroupProxy e1 = b1.getExecutionGroupByName("EG1");
e1.deploy(Admin100.bar);
e1.deploy(Admin200.bar);
cmp.sendUpdates();
```

Which statement is true?

- A. The batch mode provides transactional (commitandbackout) capability.
- B. Use of the batch method has a negative impact on performance in terms of both time taken to process the requests and memory.
- C. No other applications can have messages processed by the Configuration Manager during the batch.
- D. If the request e1.deploy(Admin100.bar) in a batch fails, the Configuration Manager stops processing the next requests.

Answer: C

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