

Exam Code: 000-374

Exam Name: IBM WebSphere MQ V7.0 System
Administration

Vendor: IBM

Version: DEMO

Part: A

1: An administrator is setting up sender receiver channels between QMGR1 and QMGR2. As part of the verification test, the administrator puts a message on the remote queue RQ of QMGR1 and notices that the message has correctly reached the local queue LQ of QMGR2. An application then starts putting messages on RQ. A few minutes later, the administrator notices that all the messages being put on RQ end up on QMGR2's dead letter queue. What is a probable cause of the problem?

- A.The application set Message Expiry on the messages
- B.The Max Uncommitted Messages limit on QMGR2 was reached
- C.The application set the Report options in the MQ Header of the messages
- D.The UserIdentifier set in MQ Header of the messages did not have put authorization on LQ

Correct Answers: D

2: An administrator deployed a new application on queue manager QMGR1 in their AIX server. The administrator notices that the application is crashing frequently and contacts the IBM support team for help. The IBM support team asks the administrator to send any First Failure Support Technology (FFST) files that have been generated. Which of the following files should the administrator send to the IBM support team?

- A.AMQ*.LOG files from /var/mqm/trace directory
- B.AMQ*.FDC files from /var/mqm/errors directory
- C.AMQ*.FFST files from /var/qmgrs/QMGR1/errors directory
- D.AMQ*.ERROR files from /var/mqm/qmgrs/QMGR1/errors directory

Correct Answers: B

3: Which of the following message data compression options are valid for sender channels in IBM WebSphere MQ ?

- A.ANY
- B.RLE
- C.ARLL
- D.SYSTEM
- E.ZLIBHIGH

Correct Answers: B E

4: An application using several queue managers is being tested for its end-to-end message throughput rates. The delivery times for the messages are longer than what the developers expect, and some messages are randomly lost. What can be done to help resolve this problem?

- A.Evaluate the event messages that arrive on the dead letter queue
- B.Record and evaluate activity information recorded by a trace-route message
- C.Monitor the DEFAULT.SYSTEM.MSG.ROUTE queue for message routing events
- D.Use a third party software package since IBM WebSphere MQ does not provide the ability to track messages

Correct Answers: B

5: Refer to the Exhibit for the setup of queue managers in a company. An application connected to

QMGR1 needs to send messages to queue QMGR3.LOCAL. The administrator creates the following definition on QMGR1: DEFINE QREMOTE(QMGR3.REMOTE) + RQMNAME(QMGR3) + RNAME(QMGR3.LOCAL) + XMITQ(QMGR2) The application puts 7000 messages upon starting on QMGR3.REMOTE which results on a queue full condition on QMGR3.LOCAL. Where would the excess messages end up?

- A.QMGR2.DEAD
- B.QMGR3.DEAD
- C.Transmit Queue QMGR2
- D.Transmit Queue QMGR3

Correct Answers: B

6: An application deployed on z/OS was causing frequent abends. Which of the following options from the IPCS Dump Component Panel can an administrator use to analyze the problem?

- A.CSQWDMP
- B.ASMCHECK
- C.DIVDATA
- D.DAEDATA

Correct Answers: A

7: An administrator has discovered that the primary queue manager (PRIME) has been corrupted and is no longer usable. The queue manager was created with the command: crtmqm PRIME What does the administrator need to do to recover the queue manager?

- A.Restart the queue manager.
- B.Issue the command: amqrecover PRIME.
- C.Manually delete the file containing the damaged object and restart the queue manager.
- D.Restore the last backup of the queue manager data and log, and restart the queue manager.

Correct Answers: D

8: Queue managers QMGR1 and QMGR2 are members of cluster QMCLUS. An application connected to QMGR1 needs to send messages to a local queue APP.LOCAL of QMGR2. The administrator creates the following definitions: On QMGR1: DEFINE QALIAS(APP.ALIAS) + TARGET(APP.LOCAL) + CLUSTER(QMCLUS) On QMGR2: DEFINE QLOCAL(APP.LOCAL) + MAXDEPTH(50000) The administrator is notified that the application is unable to send messages to APP.LOCAL. What is the most likely cause?

- A.The cluster channels have not been started.
- B.The QALIAS cannot be defined on a cluster.
- C.The queue APP.LOCAL is not a cluster queue.
- D.The SYSTEM.CLUSTER.TRANSMIT.QUEUE is full.

Correct Answers: C

9: QM2 and its objects have been recreated using the save queue manager definitions. The sender channel on queue manager QM1 is in retry status with an error message AMQ9526: Message sequence number error for channel 'QM1.TO.QM2'. Which action will recover the channel?

- A.Reset the channel

- B.Restart the sender channel
- C.Restart the receiver channel
- D.Recreate the objects using save queue manger definitions

Correct Answers: A

10: An administrator wants to prevent the channel initiator process from starting when a queue manager QMA on AIX is started. Which action(s) will accomplish this?

- A.Restart the queue manager using strmqm ns QMA.
- B.Restart the queue manager using strmqm chinit no QMA.
- C.Issue the command ALTER QMGR SCHINIT(DISABLED), then restart the queue manager using strmqm QMA.
- D.Edit the file qm.ini for QMA and add an entry ChannelInitiator = No in the CHANNELS stanza, then restart the queue manager using strmqm QMA

Correct Answers: A

11: Queue manager DEV_QM1 is no longer able to send and receive messages from queue manager DEV_QM2. Both queue managers reside on the Windows server. The administrator takes a look at the MQ Explorer to see what the problem is and notices the channel initiator for DEV_QM2 has stopped. What options does the administrator have to resolve the problem?

- A.PCF commands
- B.MQSC commands
- C.Control commands
- D.WebSphere MQ Explorer
- E.WebSphere MQ API Exerciser

Correct Answers: A B C

12: An IBM WebSphere MQ architect is planning an infrastructure for a banking application which cannot lose any messages. What setup should the architect recommend to achieve this?

- A.no particular setup is needed
- B.persistent messages & linear logging
- C.persistent messages & circular logging
- D.nonpersistent messages & linear logging

Correct Answers: B

13: An application is putting persistent messages on queue Q1 inside an active transaction when an abnormal shutdown of queue manager QM occurred. QM is configured with linear logging. What action does the administrator need take to recover Q1 and roll back the uncommitted messages?

- A.no action is needed
- B.strmqm -m QM1 -recover
- C.getmqobj -m QM -t ql QL
- D.rcrmqobj -m QM -t ql Q1

Correct Answers: A

14: An administrator has defined two listeners for queue manager QMA with the following two runmqsc commands: DEFINE LISTENER(ABC) TRPTYPE(TCP) PORT(2414) + CONTROL(QMGR) REPLACE DEFINE LISTENER(DEF) TRPTYPE(TCP) PORT(2415) + CONTROL(QMGR) REPLACE The queue manager was then restarted so that both listeners are running. Which command will stop the listener ABC and leave listener DEF running?

- A.issue shell command endmqlsr m QMA
- B.issue shell command endmqlsr m QMA I ABC
- C.issue shell command ctrlmq m QMA I ABC stop
- D.issue MQSC command STOP LISTENER(ABC)

Correct Answers: D

15: The operations team has been testing a new message routing application in their IBM WebSphere MQ V7.0 pre-production environment. When the application is started, many of the other applications designed to interface with the message routing application begin to experience long wait times while retrieving messages. The operations team notices that many of the queues that the message routing application puts to, are filling up. The team also notices that the number of active queue manager log files has increased. What is the most probable cause for the performance slowdown for getting applications?

- A.The data store for the message routing application is full
- B.The MQGET calls are not issued with the FASTPATH retrieval parameter for improved performance
- C.The message routing application issues several MQPUT calls within syncpoint without committing them
- D.The getting applications need to invoke the new fast retrieval algorithm in IBM WebSphere MQ V7.0 for message retrieval

Correct Answers: C

16: An administrator is trying to use WebSphere MQ Explorer to administer a remote queue manager. After successfully connecting to the queue manager, what is the administrator able to do?

- A.Stop the queue manager.
- B.Delete the queue manager.
- C.Create queues on the queue manager.
- D.Start the command server for the queue manager.

Correct Answers: C

17: During the load test of a routing application many queue depth high events are generated for the ROUTING_Q which holds the applications input messages. Which of the following is the simplest change that would reduce the number of queue high depth events? Increase the:

- A.MAXMSG attribute on the ROUTING_Q queue
- B.MAXDEPTH attribute on the ROUTING_Q queue
- C.MAXMSG attribute on the SYSTEM.DEFAULT.LOCAL.QUEUE and recreate the ROUTING_Q queue

D.MAXDEPTH attribute on the SYSTEM.DEFAULT.LOCAL.QUEUE and recreate the ROUTING_Q queue

Correct Answers: B

18: A legacy application uses MQPUT to send messages to a queue INV. Which set of MQSC commands below will successfully configure the queue manager so that a number of JMS applications can receive these messages by subscribing to topic Inventory/CurrentItems?

A.DEFINE TOPIC(INV_TOPIC) + TOPICSTR(Inventory/CurrentItems)

DEFINE QALIAS(INV) TARGET(INV_TOPIC) TARGTYPE(TOPIC)

B.DEFINE TOPIC(INV_TOPIC) + TOPICSTR(Inventory/CurrentItems)

DEFINE TALIAS(INV) TARGET(INV_TOPIC) TARGTYPE(TOPIC)

C.DEFINE TOPIC (INV_TOPIC) + TOPICSTR(Inventory/CurrentItems) QALIAS(INV)

D.DEFINE QALIAS(INV) TARGET(Inventory/CurrentItems) + TARGTYPE(TOPIC)

Correct Answers: A

19: An administrator has created a queue manager on AIX system A, using the command crtmqm ll QMA. What command will create a backup queue manager for QMA on AIX system B?

A.crtmqm ll QMB

B.crtmqm ll QMA

C.crtmqm lb QMA

D.crtmqm ll backup QMA

Correct Answers: B

20: The administrator is required to give authority for user MQUSER to execute runmqsc control commands on Windows queue manager QM1. Which method can be followed to grant authority?

A.modify the file permission for runmqsc.exe

B.add MQUSER to the Windows Administrators group

C.access to runmqsc cant be granted to non-mqm users

D.setmqaut m QM1 t qmgr p MQUSER +inq +dsp +connect +alladm

Correct Answers: B