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# IBM C1000-058

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**IBM MQ System Administration Certification Questions & Answers**

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Exam Summary – Syllabus –Questions

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**C1000-058**

**[IBM Certified System Administrator - MQ V9.1](#)**

**66 Questions Exam – 68% Cut Score – Duration of 90 minutes**

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## Know Your C1000-058 Certification Well:

The C1000-058 is best suitable for candidates who want to gain knowledge in the IBM Cloud - Integration and Development. Before you start your C1000-058 preparation you may struggle to get all the crucial MQ System Administration materials like C1000-058 syllabus, sample questions, study guide.

But don't worry the C1000-058 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the C1000-058 syllabus?
- How many questions are there in the C1000-058 exam?
- Which Practice test would help me to pass the C1000-058 exam at the first attempt?

Passing the C1000-058 exam makes you IBM Certified System Administrator - MQ V9.1. Having the MQ System Administration certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

## IBM C1000-058 MQ System Administration Certification Details:

Exam Name	IBM Certified System Administrator - MQ V9.1
Exam Code	C1000-058
Exam Price	\$200 (USD)
Duration	90 mins
Number of Questions	66
Passing Score	68%
Books / Training	<a href="#">Administrator: IBM MQ</a>
Schedule Exam	<a href="#">Pearson VUE</a>
Sample Questions	<a href="#">IBM MQ System Administration Sample Questions</a>
Practice Exam	<a href="#">IBM C1000-058 Certification Practice Exam</a>

## C1000-058 Syllabus:

Topic	Details	Weights
Planning, Installation, and Migration	<ul style="list-style-type: none"> <li>- Describe the differences between Long Term Support (LTS) and Continuous Delivery (CD)</li> <li>- Design an appropriate infrastructure to meet conflicting requirements</li> <li>- Identify the pre-requisites for installing and implementing an IBM MQ configuration, including multi-instance queue managers</li> <li>- Plan the appropriate backup and recovery strategy</li> <li>- Describe the differences between MQ Advanced and MQ</li> <li>- Select the appropriate IBM MQ platform for a given workload</li> <li>- Outline migration considerations, including impact on existing applications and multi-installation</li> <li>- Deploy MQ in a Docker container</li> </ul>	15%
Configuration	<ul style="list-style-type: none"> <li>- Create the necessary IBM MQ objects to support an application</li> <li>- Configure IBM MQ channels based on the network topology</li> <li>- Configure IBM MQ objects for triggered applications and channels</li> <li>- Create the objects required to enable queue manager clustering and workload distribution</li> <li>- Define the objects to support a publish/subscribe topology distribution</li> <li>- Configure IBM MQ objects to support JMS</li> <li>- Configure channel exits</li> <li>- Configure an MQ Client</li> </ul>	21%
Security	<ul style="list-style-type: none"> <li>- Understand the purpose of Connection Authentication (CONNAUTH)</li> <li>- Configure Channel Authentication (CHLAUTH)</li> <li>- Control access to IBM MQ objects</li> <li>- Configure IBM MQ clients and channels with TLS 1.2</li> <li>- Describe MQ Appliance features that provide intrusion detection</li> <li>- Distinguish between the available security choices</li> <li>- Configure end-to-end message security</li> </ul>	15%
Administration	<ul style="list-style-type: none"> <li>- Administer queue managers and their objects</li> <li>- Configure IBM MQ Explorer for remote administration</li> <li>- Monitor and alter IBM MQ using the different command tools</li> <li>- Define procedures to recover messages and</li> </ul>	17%

Topic	Details	Weights
	objects in the event of failure - Implement dead-letter queue (DLQ) handling - Acquire, apply maintenance, or migrate IBM MQ - Use the WEB UI and REST interface - Configure different types of logs	
Availability	- Configure and manage a multi-instance queue manager - Configure IBM MQ for automatic client reconnection - Implement backup, restart, and recovery procedures - Implement a Queue-Sharing Group for High Availability - Manage an MQ cluster - Configure and Manage HA/DR for MQ appliance - Create a High Availability Replication Data Queue manager (HA RDQM) topology	11%
Monitoring	- Explain the IBM MQ capabilities for monitoring - Enable and Monitor IBM MQ Events - Monitor Message and Application Activities - Gather and analyze IBM MQ accounting and statistics data - Use IBM MQ administration tools or commands to monitor the status of a queue manager, channel or queue	8%
Performance Tuning	- Identify the tools available to assist in IBM MQ performance - Use accounting and statistical data to identify and resolve performance issues - Tune IBM MQ object definitions for performance and tune client and server connection channel parameters	5%
Problem Determination	- Locate problem information such as IBM MQ error logs, FFST files and IBM MQ dumps - Produce an IBM MQ trace - Identify the steps to evaluate and recover a non-responsive queue manager - Determine the route that a message took through a queue manager network - Describe how to use the Enhanced Application Activity Trace - Predict the final destination of a message given a scenario containing alias or remote definitions	8%

## IBM C1000-058 Sample Questions:

### Question: 1

A channel is occasionally slow in sending messages. Which channel statistics would be most useful in identifying whether a user exit configured on the channel is responsible for the delay?

- a) ExitTimeMin and MsgCount
- b) ExitTimeAvg and NetTimeAvg
- c) ExitTimeMax and PurgeCount
- d) ExitTimeAvg and ExitTimeMax

**Answer: d**

### Question: 2

What command is used to find out which channel is expected to process the transmission queue QM2?

- a) DIS CHANNEL (QM1.TO.QM2) ALL
- b) DIS CHANNEL(\*) WHERE(XMITQ EQ QM2)
- c) DIS CHANNEL (MQM) WHERE(QMGR EQ QM2)
- d) DIS CHANNEL (\*) ALL (WHERE XMITQ EQ QM2)

**Answer: b**

### Question: 3

An Application Developer is using a Unix queue manager and wants to know if the queue manager is set as the default. Where can this information be found?

- a) qm.ini
- b) mqs.ini
- c) With the MQSC command: DIS QMGR
- d) Using the command showQueuemanagerDetails

**Answer: b**

**Question: 4**

What can a message-retry channel exit be used for?

- a) Retrying to send a message
- b) Retrying a message channel exit
- c) Sending messages to a different queue
- d) Determining under which circumstances to retry

**Answer: d**

**Question: 5**

Which statement is true regarding trace-route messaging?

- a) It cannot be used for a clustered queue manager
- b) It collects MQI activity information
- c) It detects the latency of messages going through a queue manager
- d) It is a technique that involves sending an IBM MQ trace-route message into a queue manager network

**Answer: a**

**Question: 6**

If during normal operation the IBM MQ Appliance detects an intrusion, what will happen the next time the appliance restarts?

- a) The appliance will flash the Locate LED
- b) The appliance will repeatedly shut down
- c) The appliance will enter Fail Safe mode
- d) The appliance will enter Disaster Recovery mode

**Answer: c**

**Question: 7**

How is a multi-instance queue manager created?

- a) Create a queue manager on both servers ensuring it is the same name on both
- b) Create a queue manager on both servers, including the server details of the other server in the QMGR settings.
- c) Create a queue manager and run the command dspmqinf on the first server then run the command addmqinf on the second server.
- d) Create a queue manager on the first server, run the command dmpmqcfg on the first server and import the configuration into the second server using the command addmqcfg

**Answer: c**

**Question: 8**

Which statement is true regarding a floating IP address that can be attached to a QMGR when using RDQM?

- a) Must be a part of different subnet
- b) Must be a part of the same subnet as all nodes
- c) Must be part of the same subnet as any one node
- d) Can be a part of a different subnet if the nodes cross data centers

**Answer: b**

**Question: 9**

What command line tool is used to manage queue manager objects?

- a) mqm
- b) mqm.sh
- c) runmqsc
- d) mqexplorer.exe

**Answer: c**

**Question: 10**

What is one of the prerequisites to migrate a single instance queue manager to a multi-instance one?

- a) Enable queue manager trace
- b) Define CLUSRCVR and CLUSSDR channels
- c) Move the queue manager data to a shared directory and reconfigure it to use that shared directory
- d) Backup the single instance queue manager, shut it down, then create a new shared queue manager and restore backed up configuration

**Answer: c**



## Study Guide to Crack IBM MQ System Administration C1000-058 Exam:

- Getting details of the C1000-058 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the C1000-058 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the IBM provided training for C1000-058 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the C1000-058 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on C1000-058 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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