

MuleSoft MCD Level 1

**MuleSoft Developer Level 1 Certification Questions
& Answers**

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MCD LEVEL 1 (MULE 4)

[MuleSoft Certified Developer - Level 1 \(Mule 4\) \(MCD\)](#)

60 Questions Exam – 70% Cut Score – Duration of 120 minutes

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Discover More about the MuleSoft MCD Level 1 (Mule 4) Certification

Are you interested in passing the MuleSoft MCD Level 1 (Mule 4) exam? First discover, who benefits from the MCD Level 1 (Mule 4) certification. The MCD Level 1 (Mule 4) is suitable for a candidate if he wants to learn about Developer. Passing the MCD Level 1 (Mule 4) exam earns you the MuleSoft Certified Developer - Level 1 (Mule 4) (MCD) title.

While preparing for the MCD Level 1 (Mule 4) exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The MCD Level 1 (Mule 4) PDF contains some of the most valuable preparation tips and the details and instant access to useful [MCD Level 1 \(Mule 4\) study materials just at one click.](#)

MuleSoft MCD Level 1 (Mule 4) Developer Level 1 Certification Details:

Exam Name	MuleSoft Certified Developer - Level 1 (Mule 4) (MCD)
Exam Code	MCD Level 1 (Mule 4)
Exam Price	\$250 (USD)
Duration	120 mins
Number of Questions	60
Passing Score	70%
Schedule Exam	Purchase Exam
Books / Training	Anypoint Platform Development: Fundamentals (Mule 4) Anypoint Platform Development: Mule 4 for Mule 3 Users
Sample Questions	MuleSoft MCD Level 1 (Mule 4) Sample Questions
Practice Exam	MuleSoft MCD Level 1 (Mule 4) Certification Practice Exam

MuleSoft MCD Level 1 (Mule 4) Syllabus:

Topic	Details
Explaining application network basics	<ul style="list-style-type: none"> - Explain MuleSoft's proposal for closing the IT delivery gap. - Describe the role and characteristics of the "modern API." - Describe the purpose and roles of a Center for

Topic	Details
	Enablement (C4E). <ul style="list-style-type: none"> - Define and describe the benefits of API-led connectivity and application networks. - Define and correctly use the terms API, API implementation, API interface, API consumer, and API invocation. - Describe the basics of the HTTP protocol and the characteristics of requests and responses. - Describe the capabilities and high-level components of Anypoint Platform for the API lifecycle.
Designing and consuming APIs	<ul style="list-style-type: none"> - Describe the lifecycle of the “modern API.” - Use RAML to define API resources, nested resources, and methods. - Identify when and how to define query parameters vs URI parameters. - Use RAML to define API parameters, requests, and responses. - Use RAML to define reusable data types and format-independent examples. - Read a RAML spec and formulate RESTful requests with query parameters and/or headers as appropriate.
Accessing and modifying Mule events	<ul style="list-style-type: none"> - Describe the Mule event data structure. - Use transformers to set event payloads, attributes, and variables. - Write DataWeave expressions to access and modify event payloads, attributes, and variables. - Enrich Mule events using target parameters.
Structuring Mule applications	<ul style="list-style-type: none"> - Parameterize an application using property placeholders. - Define and reuse global configurations in an application. - Break an application into multiple flows using private flows, subflows, and the Flow Reference component. - Specify what data (payload, attributes, variables) is persisted between flows when a Flow Reference is used. - Specify what data (payload, attributes, variables) is persisted between flows when a Mule event crosses a connection boundary. - Specify what data (payload, attributes, variables) exists in a flow before and after a call in the middle of a flow to an external resource.

Topic	Details
Building API implementation interfaces	<ul style="list-style-type: none"> - Manually create a RESTful interface for a Mule application. - Generate a REST Connector from a RAML specification. - Describe the features and benefits of APIkit. - Use APIkit to create implementation flows from a RAML file. - Describe how requests are routed through flows generated by APIkit.
Routing events	<ul style="list-style-type: none"> - Use the Choice router to route events based on conditional logic. - Use the Scatter-Gather router to multicast events. - Validate data using the Validation module.
Handling errors	<ul style="list-style-type: none"> - Describe the default error handling in a Mule application. - Define a custom global default error handler for an application and identify in what situations it will be used. - Compare and contrast how the On Error Continue and On Error Propagate scopes work. - Create one or more error handlers for a flow. - Use the Try scope to specify error handlers for one or more event processors. - Describe the data structure of the Mule Error object. - Map errors to custom application errors.
Transforming data with DataWeave	<ul style="list-style-type: none"> - Write DataWeave scripts to convert JSON, XML, and Java data structures to different data structures and data types. - Use DataWeave functions. - Define and use DataWeave variables, functions, and modules. - Define and use custom data types. - Apply correct DataWeave syntax to coerce data types. - Apply correct DataWeave syntax to format strings, numbers, and dates. - Call Mule flows from a DataWeave script.
Using Connectors	<ul style="list-style-type: none"> - Retrieve data from a Database using the Database connector. - Create parameterized SQL queries for the Database connector. - Retrieve data from a REST service using HTTP Request or a REST Connector. - Use a Web Service Consumer connector to consume SOAP web services. - Use the Transform Message component to pass

Topic	Details
	arguments to a SOAP web service. - List, read, and write local files using the File connector. - List, read, and write remote files using the FTP connector. - Use the JMS connector to publish and listen for JMS messages.
Processing records	- List and compare and contrast the methods for processing individual records in a collection. - Explain how Mule events are processed by the For Each scope. - Use the For Each scope to process records. - Explain how Mule events are processed by the Batch Job scope. - Use a Batch Job with Batch Steps and a Batch Aggregator to process records. - Use the Scheduler component to trigger a flow. - Use connector listeners to trigger flows. - Describe the features, benefits, and process to use watermarking. - Describe the features, benefits, and process to use automatic watermarking vs. manual watermarking. - Use connectors with automatic watermarking capabilities. - Persist data between flow executions using the Object Store.
Debugging and troubleshooting Mule applications	- Use breakpoints to inspect a Mule event during runtime. - Install missing Maven dependencies. - Read and decipher Mule log error messages.
Deploying and managing APIs and integrations	- Package Mule applications for deployment. - Deploy applications to CloudHub. - Use CloudHub properties to ensure deployment success. - Create and deploy API proxies. - Connect an API implementation to API Manager using autodiscovery. - Use policies, including client ID enforcement, to secure an API. - Create SLA tiers and apply SLA based policies.

Broaden Your Knowledge with MuleSoft MCD Level 1 (Mule 4) Sample Questions:

Question: 1

Where does a deployed flow designer application run in Anypoint Platform?

- a) API Manager
- b) CloudHub worker
- c) Design Center
- d) Exchange

Answer: b

Question: 2

Why would a Mule application use the `#{http.port}` property placeholder for its HTTP Listener port when it is deployed to CloudHub?

- a) Allows CloudHub to automatically change the HTTP port to allow external clients to connect to the HTTP Listener
- b) Allows CloudHub to automatically register the application with API Manager
- c) Allows MuleSoft Support to troubleshoot the application by connecting directly to the HTTP Listener
- d) Allows clients to VPN directly to the application at the Mule application's configured HTTP port

Answer: a

Question: 3

There are three routes configured for Scatter-Gather and incoming event has a payload is an Array of three objects. How routing will take place in this scenario?

- a) Incoming array objects would be split into three and each part would be sent to one route each in sequential manner
- b) Incoming array objects would be split into three and each part would be sent to one route each in parallel
- c) Entire event would be sent to each route sequentially
- d) Entire event would be sent to each route in parallel

Answer: d

Question: 4

A Mule flow has three Set Variable transformers. What global data structure can be used to access the variables?

- a) Mule application properties
- b) Mule event attributes
- c) Mule event
- d) Mule event message

Answer: c

Question: 5

From which application, Organization Administrators can approve/revoke/delete SLA tier access requests?

- a) API Manager
- b) API Portal
- c) API Exchange
- d) API Gateway

Answer: a

Question: 6

In the Database On Table Row operation, what does the Watermark column enable the On Table Row operation to do?

- a) To save the most recent records retrieved from a database to enable database caching.
- b) To enable duplicate processing of records in a database.
- c) To avoid duplicate processing of records in a database.
- d) To delete the most recent records retrieved from a database to enable database caching.

Answer: c

Question: 7

Which of the below activity doesn't support parallel execution?

- a) Scatter-Gather Router
- b) First Successful Router
- c) Batch job
- d) Parallel For Each

Answer: d

Question: 8

What does to the attributes of a Mule event happen in a flow after an outbound HTTP Request is made?

- a) Attributes do not change.
- b) Previous attributes are passed unchanged.
- c) Attributes are replaced with new attributes from the HTTP Request response.
- d) New attributes may be added from the HTTP response headers, but no headers are ever removed.

Answer: c

Question: 9

How is policy defined in terms of classloader of an API?

- a) Classloader isolation does not exist between the application, the runtime and connectors, and policies.
- b) Classloader isolation exists between the application, the runtime and connectors, and policies.
- c) None of these.
- d) Classloader isolation partially exists between the application, the runtime and connectors, and policies.

Answer: b

Question: 10

A Batch Job scope has three batch steps. An event processor throws an error in the second batch step because the input data is incomplete.

What is the default behavior of the batch job after the error is thrown?

- a) All processing of the batch job stops.
- b) None of these.
- c) Error is ignored.
- d) Event processing continues to the next batch step.

Answer: a

Avail the Study Guide to Pass MuleSoft MCD Level 1 (Mule 4) Developer Level 1 Exam:

- Find out about the MCD Level 1 (Mule 4) syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the [MuleSoft MCD Level 1 \(Mule 4\) syllabus](#), it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the [Developer Level 1 training](#). Joining the MuleSoft provided training for this MuleSoft certification exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the [MuleSoft MCD Level 1 \(Mule 4\) sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. MCD Level 1 (Mule 4) practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

Passing the MuleSoft MCD Level 1 (Mule 4) exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the MuleSoft MCD Level 1 (Mule 4) Certification

CertFun.Com is here with all the necessary details regarding the MCD Level 1 (Mule 4) exam. We provide authentic practice tests for the MCD Level 1 (Mule 4) exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on CertFun.Com for rigorous, unlimited two-month attempts on the [MCD Level 1 \(Mule 4\) practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the MuleSoft Certified Developer - Level 1 (Mule 4) (MCD).

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