

MuleSoft MCD Level 1 (Mule 4) DELTA

MuleSoft Developer Level 1 DELTA Certification Questions & Answers

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MCD LEVEL 1 (MULE 4) DELTA

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

35 Questions Exam – 70% Cut Score – Duration of 75 minutes

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

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

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

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

Exam Name	MuleSoft Certified Developer - Level 1 (Mule 4) DELTA (MCD)
Exam Code	MCD Level 1 (Mule 4) DELTA
Exam Price	\$250 (USD)
Duration	75 mins
Number of Questions	35
Passing Score	70%
Schedule Exam	Purchase Exam
Books / Training	Anypoint Platform Development: Mule 4 for Mule 3 Users
Sample Questions	MuleSoft MCD Level 1 (Mule 4) DELTA Sample Questions
Practice Exam	MuleSoft MCD Level 1 (Mule 4) DELTA Certification Practice Exam

MuleSoft MCD Level 1 (Mule 4) DELTA 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
	<p>Enablement (C4E).</p> <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

Topic	Details
	consume SOAP web services. - Use the Transform Message component to pass 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) DELTA Sample Questions:

Question: 1

A company has an API to manage purchase orders, with each record identified by a unique purchase order ID. The API was built with RAML according to MuleSoft best practices.

What URI should a web client use to request order PO5555?

- a) /orders/{PO5555}
- b) /orders/order=PO5555
- c) /orders?order=PO5555
- d) /orders/PO5555

Answer: d

Question: 2

Why would you use SOAP instead of http?

- a) It is up to the integration specialist.
- b) If the architecture mandates.
- c) Successful/retry logic for reliable messaging functionality.
- d) It is part of agile methodology.

Answer: b

Question: 3

A flow needs to combine and return data from two different data sources. It contains a Database SELECT operation followed by an HTTP Request operation.

What is the method to capture both payloads so the payload from the second request does not overwrite that from the first?

- a) Put the Database SELECT operation inside a Cache scope
- b) Put the Database SELECT operation inside a Message Enricher scope
- c) Nothing, previous payloads are combined into the next payload
- d) Save the payload from the Database SELECT operation to a variable

Answer: d

Question: 4

A flow has a JMS Publish consume operation followed by a JMS Publish operation. Both of these operations have the default configurations. Which operation is asynchronous and which one is synchronous?

- a) Publish consume: Synchronous. Publish: Asynchronous.
- b) Publish consume: Asynchronous. Publish: Synchronous.
- c) Publish consume: Asynchronous. Publish: Asynchronous.
- d) Publish consume: Synchronous. Publish: Synchronous.

Answer: a

Question: 5

To avoid hard-coding values, a flow uses some property placeholders and the corresponding values are stored in a configuration file.

Where does the configuration file's location need to be specified in the Mule application?

- a) The mule-artifact.json file
- b) a flow attribute
- c) A global element
- d) The pom.xml file

Answer: c

Question: 6

What is the object type returned by the File List operation?

- a) Array of Mule event objects
- b) Array of String file names
- c) Object of Mule event objects
- d) Object of String file names

Answer: a

Question: 7

Where would you create SLA Tiers for an API?

- a) Exchange
- b) API Manager
- c) Anypoint MQ
- d) Within the API

Answer: b

Question: 8

A Mule application contains a global error handler configured to catch any errors. Where must the global error handler be specified so that the global error handler catches all errors from flows without their own error handlers?

- a) A configuration properties file
- b) Nowhere, the global error handler is automatically used
- c) A global element
- d) The pom.xml file

Answer: c**Question: 9**

What is the minimum required configuration in a flow for a Mule application to compile?

- a) An event source
- b) RAML file
- c) An event processor
- d) Logger Component

Answer: c**Question: 10**

A Mule application configured with Autodiscovery implements an API. Where is governance enforced for policies defined for this Mule application?

- a) In Runtime Manager
- b) Runtime Manager
- c) In the Mule application
- d) In API manager

Answer: d

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

- Find out about the MCD Level 1 (Mule 4) DELTA 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 \(Mule 4\) DELTA 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 DELTA 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 \(Mule 4\) DELTA sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. MCD Level 1 (Mule 4) DELTA 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) DELTA 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) DELTA Certification

CertFun.Com is here with all the necessary details regarding the MCD Level 1 (Mule 4) DELTA exam. We provide authentic practice tests for the MCD Level 1 (Mule 4) DELTA 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 \(Mule 4\) DELTA practice tests](https://www.certfun.com/mulesoft/mcd-delta-mulesoft-developer-level-1-mule-4-delta), 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) DELTA (MCD).

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