MuleSoft MCIA Level 1

MuleSoft Integration Architect Level 1 Certification Questions & Answers

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MCIA LEVEL 1

MuleSoft Certified Integration Architect - Level 1
60 Questions Exam – 70% Cut Score – Duration of 120 minutes

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Discover More about the MuleSoft MCIA Level 1 Certification

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

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

MuleSoft MCIA Level 1 Integration Architect Level 1 Certification Details:

Exam Name	MuleSoft Certified Integration Architect - Level 1
Exam Code	MCIA Level 1
Exam Price	$375 (USD)
Duration	120 mins
Number of Questions	60
Passing Score	70%
Books / Training	**Anypoint Platform Architecture: Integration Solutions**
Schedule Exam	**Purchase Exam**
Sample Questions	**MuleSoft MCIA Level 1 Sample Questions**
Practice Exam	**MuleSoft MCIA Level 1 Certification Practice Exam**

MuleSoft MCIA Level 1 Syllabus:

Topic	Details
Initiating integration solutions on Anypoint Platform	- Summarize the fundamental value proposition of MuleSoft Catalyst and Catalyst Knowledge Hub - Differentiate between functional and non-functional requirements for integration solutions - Select features of Anypoint Platform for designing and managing web and event-driven APIs - Select deployment options of the Anypoint Platform control plane and runtime plane

Topic	Details
Designing for the runtime plane technology architecture	- Analyze the mode of operation of a Mule runtime cluster that differentiates it from other deployment options - Design integration solutions deployed to CloudHub to address specific requirements using CloudHub's network features - Choose Mule runtime domains and domain-shared configuration only for those requirements that clearly benefit from their capabilities - Design Mule applications making effective use of the implications of the Mule 4 class loader isolation of Mule modules - Describe the characteristics and implications of the Mule 4 reactive event processing model
Designing architecture using integration paradigms	- Create high-level integration architectures using API-led Connectivity - Create high-level integration architectures using web APIs and HTTP - Create high-level integration architectures using event-driven APIs and message brokers - Design Mule applications and integration solutions using common messaging patterns and technologies
Designing and developing Mule applications	- Select among available options for setting Mule application properties - Select and use fundamental features available to all Mule applications - Design Mule applications using core routers available to all Mule applications - Describe the fundamental features of the Salesforce connector - Design Mule applications using common features of core connectors - Select and use the available sources of metadata in the Transform Message component - Design Mule applications and integration solutions using a Common/Canonical Data Model - Correctly apply methods for validating data in Mule applications
Designing automated tests for Mule applications	- Design unit test suites using MUnit and Studio's related features - Identify test requirements and scenarios that are best addressed using integration testing or performance testing

Topic	Details
Designing integration solutions to meet persistence requirements	- Design Mule applications using VM queues and the Anypoint VM connector in all deployment options - Design Mule applications using Object Stores, the OS connector and OS services in all deployment options - Design Mule applications and integration solutions using stateful components that may be configured with an Object Store
Designing integration solutions to meet reliability requirements	- Select alternatives to traditional transactions (local or XA) where appropriate and beneficial - Recognize the purpose and characteristics of Until Successful scope, reconnection strategies, and redelivery policies - Differentiate between disaster recovery and high availability and the basic approaches to achieving either in all deployment options - Design Mule applications and integration solutions using local and XA transactions for all Mule connectors that support them
Designing integration solutions to meet performance requirements	- Design Mule applications and integration solutions to meet performance and capacity goals - Design Mule applications using available streaming features in Mule - Design Mule applications to process large sequences/streams of messages
Designing integration solutions to meet security requirements	- Design secure access to the Anypoint Platform control plane and APIs - Design secure edge access using Anypoint Security - Analyze and counteract potential security vulnerabilities of Mule applications - Recognize the audit logging capabilities of Anypoint Platform
Applying DevOps practices and operating integration solutions	- Create the high-level design of CI/CD pipelines for Mule applications using MuleSoft-provided Maven plugins - Identify the features and characteristics for automating interactions with Anypoint Platform - Design the logging configurations and options of Mule applications in all deployment options - Identify the features and characteristics of Anypoint Monitoring in all deployment options

Broaden Your Knowledge with MuleSoft MCIA Level 1 Sample Questions:

Question: 1

When using Anypoint Platform across various lines of business with their own Anypoint Platform business groups, what configuration of Anypoint Platform is always performed at the organization level as opposed to at the business group level?

- a) Dedicated Load Balancer setup
- b) Environment setup
- c) Role and permission setup
- d) Identity management setup

Answer: d

Question: 2

What is a key difference between synchronous and asynchronous logging from Mule applications?

- a) Synchronous logging writes log messages in a single logging thread but does not block the Mule event being processed by the next event processor
- b) Asynchronous logging can improve Mule event processing throughput while also reducing the processing time for each Mule event
- c) Asynchronous logging produces more reliable audit trails with more accurate timestamps
- d) Synchronous logging within an ongoing transaction writes log messages in the same thread that processes the current Mule event

Answer: b

Question: 3

As a part of business requirement, old CRM system needs to be integrated using Mule application. CRM system is capable of exchanging data only via SOAP/HTTP protocol.

As an integration architect who follows API led approach, what is the the below step you will perform so that you can share document with CRM team?

- a) Create RAML specification using Design Center
- b) Create SOAP API specification using Design Center
- c) Create WSDL specification using text editor
- d) Create WSDL specification using Design Center

Answer: c

Question: 4

In Anypoint Platform, a company wants to configure multiple identity providers(Idps) for various lines of business (LOBs) Multiple business groups and environments have been defined for the these LOBs. What Anypoint Platform feature can use multiple Idps access the company's business groups and environment?

  a) User management
  b) Roles and permissions
  c) Dedicated load balancers
  d) Client Management

Answer: a

Question: 5

A Mule application uses the Database connector. What condition can the Mule application automatically adjust to or recover from without needing to restart or redeploy the Mule application?

  a) One of the stored procedures being called by the Mule application has been renamed
  b) The database server has been updated and hence the database driver library/JAR needs a minor version upgrade
  c) The database server was unavailable for four hours due to a major outage but is now fully operational again
  d) The credentials for accessing the database have been updated and the previous credentials are no longer valid

Answer: c

Question: 6

An integration Mule application is deployed to a customer-hosted multi-node Mule 4 runtime cluster. The Mule application uses a Listener operation of a JMS connector to receive incoming messages from a JMS queue. How are the messages consumed by the Mule application?

  a) Regardless of the Listener operation configuration, all messages are consumed by ONLY the primary cluster node
  b) Depending on the JMS provider's configuration, either all messages are consumed by ONLY the primary cluster node or else ALL messages are consumed by ALL cluster nodes
  c) Regardless of the Listener operation configuration, all messages are consumed by ALL cluster nodes
  d) Depending on the Listener operation configuration, either all messages are consumed by ONLY the primary cluster node or else EACH message is consumed by ANY ONE cluster node

Answer: d

Question: 7

Organization wants to achieve high availability goal for Mule applications in customer hosted runtime plane. Due to the complexity involved, data cannot be shared among of different instances of same Mule application.

What option best suits to this requirement considering high availability is very much critical to the organization?

a) The cluster can be configured
b) Use third party product to implement load balancer
c) High availability can be achieved only in CloudHub
d) Use persistent object store

Answer: b

Question: 8

A Mule application is being designed to perform product orchestration. The Mule application needs to join together the responses from an Inventory API and a Product Sales History API with the least latency.

To minimize the overall latency, what is the most idiomatic (used for its intended purpose) design to call each API request in the Mule application?

a) Call each API request in a separate route of a Scatter-Gather
b) Call each API request in a separate Async scope
c) Call each API request in a separate route of a Parallel For Each scope
d) Call each API request in a separate lookup call from a DataWeave reduce operator

Answer: a

Question: 9

What limits if a particular Anypoint Platform user can discover an asset in Anypoint Exchange?

a) The type of the asset in Anypoint Exchange
b) The business groups to which the user belongs
c) If Design Center and RAML were both used to create the asset
d) The existence of a public Anypoint Exchange portal to which the asset has been published

Answer: b

Question: 10

What is not true about Mule Domain Project?

a) This allows Mule applications to share resources
b) Expose multiple services within the Mule domain on the same port
c) Only available Anypoint Runtime Fabric
d) Send events (messages) to other Mule applications using VM queues

Answer: c

Avail the Study Guide to Pass MuleSoft MCIA Level 1 Integration Architect Level 1 Exam:

- Find out about the MCIA Level 1 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 MCIA Level 1 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 **Integration Architect 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 MCIA Level 1 sample questions** and boost your knowledge

- Make yourself a pro through online practicing the syllabus topics. MCIA Level 1 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 MCIA Level 1 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 MCIA Level 1 Certification

CertFun.Com is here with all the necessary details regarding the MCIA Level 1 exam. We provide authentic practice tests for the MCIA Level 1 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 **MCIA Level 1 practice tests**, and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the MuleSoft Certified Integration Architect - Level 1.

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