



Salesforce DEX-401

**Salesforce MuleSoft Developer I Certification
Questions & Answers**

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DEX-401

[Salesforce Certified MuleSoft Developer I](#)

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

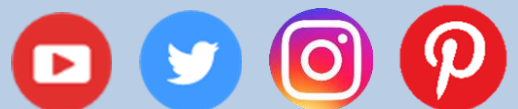


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Discover More about the DEX-401 Certification

Are you interested in passing the Salesforce DEX-401 exam? First discover, who benefits from the DEX-401 certification. The DEX-401 is suitable for a candidate if he wants to learn about Salesforce Developer. Passing the DEX-401 exam earns you the Salesforce Certified MuleSoft Developer I title.

While preparing for the DEX-401 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The DEX-401 PDF contains some of the most valuable preparation tips and the details and instant access to useful DEX-401 study materials [just at one click](#).

Salesforce DEX-401 MuleSoft Developer I Certification Details:

Exam Name	Salesforce MuleSoft Developer I
Exam Code	DEX-401
Exam Price	Registration fee: USD 200 Retake fee: USD 100
Duration	120 minutes
Number of Questions	60
Passing Score	70%
Recommended Training / Books	Anypoint Platform Development: Fundamentals (DEX401) Anypoint Platform Development: Fundamentals (DEX401) Getting Started with Anypoint Platform (MAX150)
Schedule Exam	Kryterion Webassessor
Sample Questions	Salesforce DEX-401 Sample Questions
Recommended Practice	Salesforce Certified MuleSoft Developer I Practice Test

DEX-401 Syllabus:

Section	Objectives	Weight
Creating Application Networks	<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 Enablement (C4E). - 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. 	7%
Designing 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. 	8%
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. 	10%
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 	10%

Section	Objectives	Weight
	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.	
Building API implementation interfaces	- 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.	7%
Using Connectors	- 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 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.	10%
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	10%

Section	Objectives	Weight
	capabilities. - Persist data between flow executions using the Object Store.	
Transforming data with DataWeave	- 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.	10%
Routing events	- 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.	8%
Handling errors	- 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.	8%
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.	5%
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.	7%

Broaden Your Knowledge with Salesforce DEX-401 Sample Questions:

Question: 1

Which elements are part of the Mule Error object structure?

(Choose Two)

- a) Error type
- b) Payload content
- c) Processor path
- d) Description

Answer: a, c

Question: 2

What benefit does APIkit provide when building APIs in Mule?

(Choose Two)

- a) Reduces the need for manual code
- b) Automatically scales the application based on load
- c) Enhances the security of API endpoints
- d) Simplifies the initial setup and testing of APIs

Answer: a, d

Question: 3

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

Answer: c

Question: 4

What is the correct way to format the decimal 20.3844 as a string to two decimal places?

- a) 20.3844 {format: ".0#" as String}
- b) 20.3844 as String ({format: ".0#" })
- c) 20.3844 as String {format: ".0#"}
- d) 20.3844 format(String: ".0#")

Answer: c

Question: 5

According to MuleSoft, what is the first step to create a Modern API for use in an application network?

- a) Create a prototype of the API implementation
- b) Create an API specification and get feedback from stakeholders
- c) Gather a list of requirements to secure the API
- d) Performance tune and optimize the backend systems and network

Answer: b

Question: 6

An API specification is defined using RAML. What is the next step to create a REST Connect connector from this API specification?

- a) Publish the API specification to Anypoint Exchange
- b) Add the specification to a Mule project's src/main/resources/api folder
- c) Download the API specification and build the interface using APIkit
- d) Implement the API specification using Flow Designer

Answer: a

Question: 7

A client submits a GET request to a Mule 4 application to the endpoint /customers?id=48493. Where is the ID stored in the Mule event by the HTTP Listener?

- a) Variables
- b) Inbound Properties
- c) Attributes
- d) Payload

Answer: c

Question: 8

How does API-led connectivity benefit application networks in terms of system architecture?

- a) Facilitates independent scaling of components
- b) Reduces overall system scalability and flexibility
- c) Encourages monolithic system designs
- d) Promotes tight coupling between services

Answer: a

Question: 9

What is the output type of the DataWeave map function?

- a) String
- b) Array
- c) Object
- d) Map

Answer: b

Question: 10

When using MuleSoft's API-led connectivity approach, what HTTP method in a RESTful web service is generally recommended to be used to completely replace an existing resource?

- a) GET
- b) PATCH
- c) POST
- d) PUT

Answer: d

Avail the Study Guide to Pass Salesforce DEX-401 MuleSoft Developer I Exam:

- Find out about the DEX-401 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 [DEX-401 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 DEX-401 training. Joining the Salesforce provided training for DEX-401 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 [DEX-401 sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. DEX-401 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 DEX-401 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 DEX-401 Certification

VMExam.Com is here with all the necessary details regarding the DEX-401 exam. We provide authentic practice tests for the DEX-401 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 VMExam.Com for rigorous, unlimited two-month attempts on the [DEX-401 practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Salesforce Certified MuleSoft Developer I.

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