

MuleSoft Certified Developer – Level 1 (Mule 4) Certification Exam

Summary

The *MCD – Level 1 (Mule 4)* exam validates that a MuleSoft developer has the required knowledge and skills to successfully work on basic Mule 4 projects with guidance and supervision. The candidate should be able to design, build, test and debug, deploy, and manage basic APIs and integrations: moving from Anypoint Platform to Anypoint Studio and back. S/he should be able to:

- Use MuleSoft-hosted Anypoint Platform to take a basic API through the essential steps of its complete lifecycle: design, build, deploy, manage, and govern.
- Use Anypoint Studio to build, test, and debug basic integrations and API implementations.
- Connect to a range of resources including databases, files, web services, SaaS applications, and JMS queues.
- Perform basic data transformations using DataWeave 2.
- Control message flow and handle errors.
- Process batch records.

Format

- Format: Multiple-choice, closed book, proctored
- Questions: 60 multiple-choice questions
- Duration: 120 minutes (2 hours)
- Language: English

Cost

The exam can be purchased with one of the following:

- \$250
- 1 Flexible Training Credit
- A voucher obtained by attending the instructor-led *Anypoint Platform Development: Fundamentals (Mule 4)* or *Anypoint Platform Development: Mule 4 for Mule 3 Users* courses

Validity

The certification expires two years from the date of passing.

Topics

- Creating Application Networks
- Designing APIs
- Accessing and Modifying Mule Events
- Structuring Mule Applications
- Building API Implementation Interfaces
- Routing Events
- Handling Errors
- Writing DataWeave Transformations
- Using Connectors
- Processing Records
- Debugging and Troubleshooting Mule Applications
- Deploying and Managing APIs and Integrations

Preparation

The best preparation for the exam is to take the instructor-led *[Anypoint Platform Development: Fundamentals \(Mule 4\)](#)* course and to complete the accompanying Do-It-Yourself (DIY) exercises.

Candidates should be familiar with all of the content in the course and be able to apply the concepts in actual projects.

The following resources are available to assist in a candidate's preparation:

- **Instructor-led training: *[Anypoint Platform Development: Fundamentals](#)***
 - Recommended as the most effective and efficient method of preparation
 - 5-day class
 - Private and public classes available
 - Onsite and online classes available
 - Includes a certification voucher for this exam
- **Do-it-yourself exercises (Coming soon!)**
 - 14 DIY exercises to get experience with and apply the knowledge gained in class
 - Starting code and solutions provided
 - Can be completed in any order
- **Self-assessment quiz (Coming soon!)**
 - 5 multiple-choice questions for each course module
 - Identifies strengths and weaknesses
 - Comparable difficulty to the proctored exam

Delivery methods

The exam is administered via the Kryterion Webassessor testing platform. You can take the exam in-person at a testing center or online using a web camera.

Local Kryterion Testing Center:

- [Over 1000 locations worldwide](#)
- [Onsite instructions here](#)
- [Test-taker guide here](#)

Online using the Kryterion Webassessor testing platform:

- Requires a webcam - a laptop webcam can be used, an external camera is not required
- Requires internet connectivity with 1 Mbps upload, 1 Mbps download, jitter <50ms, ping <200ms
- [Online instructions here](#)
- [Test-taker guide here](#)
- [Check your internet speed and reliability](#)
 - Note: Some candidates are expelled from the exam for an unstable connection even after checking reliability with the tool. If you think your connection could potentially be unreliable, we **strongly** recommend scheduling your exam at a test center.

Registration

To register for the exam:

- Go to <https://www.webassessor.com/home.do?page=PUBLIC&branding=MULESOFT>.
- Create a user profile.
- Log in.
- Select Register for an Exam.
- Select the **MCD – Level 1 (Mule 4)** exam.
- Select either the Online Proctoring Option or the Kryterion Test Center option.
- On the payment screen, select to pay by credit card or enter a voucher/coupon code.

Note that a fee applies if you attempt to cancel or reschedule your exam within 72 hours of your scheduled time, even if you purchase your exam with a voucher.

More information

For more information, visit <http://help.learn.mulesoft.com>.