

IBM Rest API Training

COURSE CONTENT

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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The IBM Rest API Certification Course offered by Multisoft Systems is meticulously designed to provide IT professionals with deep insights into API development, management, and security, utilizing IBM technologies.

Module 1: Introduction to IBM API Connect

- ✓ IBM API Connect overview
- ✓ API Manager
- ✓ Developer Portal
- ✓ API CMC
- ✓ Developer Toolkit
- ✓ API Connect terminology

Module 2: REST API Design

- ✓ Introduction to swagger
- ✓ REST Concept.
- ✓ REST API Resources
- ✓ HTTP Methods and functions of REST

Module 3: API Definition

- ✓ API Creation
- ✓ Create an API definition in the API designer
- ✓ Invoke a GET operation in the existing API implementation
- ✓ Unit test the API operation in the API Editor
- ✓ Define a POST API operation with a JSON request message

Module 4: SOAP API Design

- ✓ Defining APIs with soap services
- ✓ Configure SOAP API definition with WSDL
- ✓ Invoke existing SOAP web service
- ✓ Publish the SOAP API definition
- ✓ Test the API in the API Manager

Module 5: Policies

- ✓ Built –In –Policies
- ✓ Invoke
- ✓ Proxy
- ✓ JSON to XML
- ✓ XML to JSON
- ✓ Validate
- ✓ XSLT
- ✓ Gateway Script
- ✓ Set Variable
- ✓ If
- ✓ Switch
- ✓ Operational Switch
- ✓ Map
- ✓ Redaction
- ✓ Validate

Module 6: Logging/Analytics

- ✓ Activity log Policy
- ✓ Exploring Analytics

Module 7: Error Handling

- ✓ Enabling Catch Block
- ✓ Types of Errors
- ✓ Default error handling
- ✓ Custom error handling

Module 8: API Product and Plans

- ✓ Define a product and its life cycle

- ✓ Publish an API product and API definitions
- ✓ Review the product in the API Manager server

Module 9: API Security

- ✓ Enable API key security to API
- ✓ Enable Basic Authentication security to API
- ✓ Enable OAUTH security to API

Module 10: Developer Portal

- ✓ Developer Portal User Interface
- ✓ Register a client application in the Developer Portal
- ✓ Subscribe to a plan for the Inventory API product
- ✓ Test a subscribed API in the test client
- ✓ Test a subscribed API with a sample application
- ✓ Plans (Rate limit, Burst limit and subscription approval)
- ✓ Analytics reports usage