

Duration: 4 Weeks

IBM Data Power v10.x Development









Requirement: Containers

Training

Prerequisites

Having prior knowledge and understanding of following topics is mandatory as it will help you get the most out of this training course.

- Basic understanding of Enterprise Integration Patterns.
- Basic understanding of API related concepts and types of API's.
- Familiarity with different data formats like XML, JSON etc.
- Basic understanding of security related concepts. (Cryptography, TLS etc.)
- Basic understanding of containerization technology and related concepts.
- Familiarity with any modern programming language Java, C#, Python, JavaScript.
- Version Control Basics Git & GitHub
- Familiarity with a Relational Database and SQL

Technology Landscape

Category	Software	
Container Management Platform	Podman or Docker	
Operating System	RedHat Enterprise Linux v9.x	
Development & Testing	Visual Studio Code	Postman
Messaging & Event Steaming	IBM MQ v9.x	Apache Kafka
Version Control	Git	GitHub
Programming Model	XSLT	JavaScript

Training Objectives

- Installation of IBM Data Power v10.x
- 2. Learn about the capabilities of IBM Data Power and common use cases.
 - a. API Gateway
 - b. API Security
 - c. Rate Limit & Threat Protection
 - d. Content Based Routing & Dynamic Backend
 - e. Enterprise Policy Enforcement & Auditing
 - f. Data and Protocol Transformation
 - g. Performance & Data Caching
- 3. Learn different ways to interact with IBM Data Power Runtime.
- 4. Learn about different services and their use case.
- 5. Learn about different Front Side Handlers available in IBM Data Power.
- 6. Learn about different processing policies within IBM Data Power.
- 7. Managing Keys and Certificates within IBM Data Power.
- 8. Securing communications with IBM Data Power.
- 9. Debugging and exception handling.
- 10. Learn about XSL Transformation capabilities of IBM Data Power.
- 11. Learn about Gateway Script (JavaScript) capabilities of IBM Data Power.
- 12. Learn about AAA Policy Authentication, Authorization and Audit.
- 13. Learn about different Cryptographic functions supported by IBM Data Power.
- 14. Database Integration.
- 15. IBM MQ v9.x Integration.

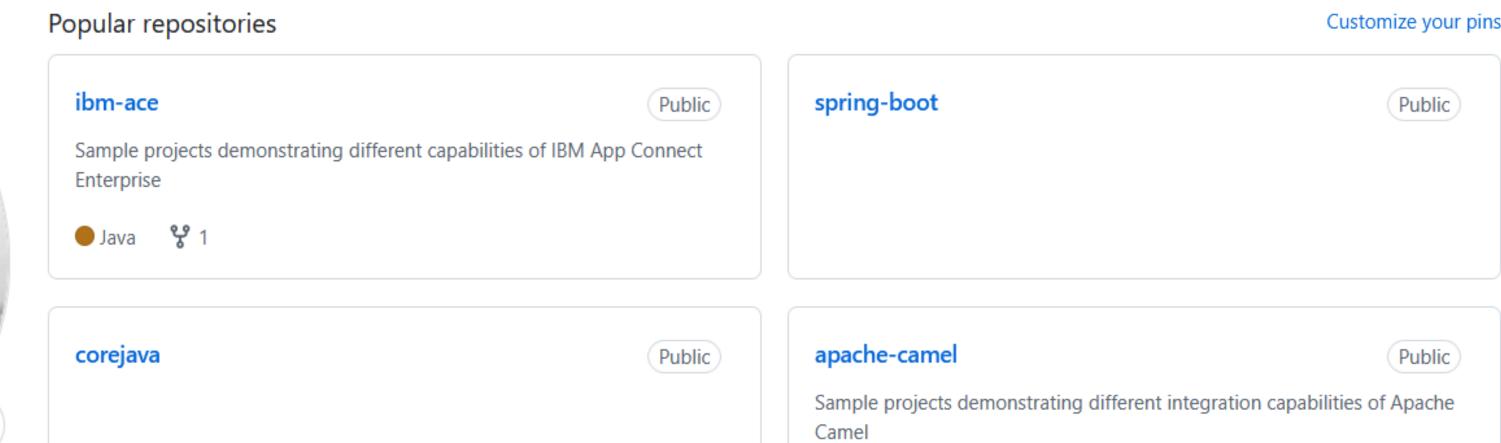
Thanks for your interest in IBM Data Power v10.x Development course

git clone https://github.com/ishahzad/ibm-datapower-training.git



Irfan Shahzad ishahzad

Passionate IBM and Spring Solution & Integration Architect with more than 13 years of experience in developing scalable enterprise applications and integrations



Public

mulesoft

Java

Sample projects demonstrating different capabilities of Mulesoft Anypoint Platform

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3 contributions in the last year

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