

RX-M - IBM Cloud DevOps Essentials

Code:	CN2-BM-DOE
Length:	3 days
URL:	View Online

This course introduces technology staff to the full featured set of DevOps solutions available on IBM Cloud. Day one covers DevOps and Agile methodology concepts, including build and test automation. Each module is followed by a hands-on lab giving attendees practical experience with DevOps tools and practices. Day two of the course moves into the cloud, creating IBM Cloud DevOps toolchains, integrating pipelines and an array of services. Continuous integration, deployment and delivery concepts are discussed in the context of practical pipelines including code metrics, security scans and other plugin services. Day three introduces full featured IBM Cloud DevOps templates as well as source code control, infrastructure automation and monitoring. Upon completion attendees will have a broad understanding of the various tools and technologies in common DevOps use and the practical skills needed to capitalize on the IBM Cloud feature set available for rapid construction of powerful DevOps pipelines.

Skills Gained

- This three day hands on course provides technology staff with an intensive introduction to DevOps practices and tools on IBM Cloud.

Who Can Benefit

- Developers, Architects, IT/DevOps/QA personnel and Professional Services staff

Prerequisites

- Some practical experience with build and test systems.

Course Details

IBM Cloud DevOps Essentials

- Day 1 - DevOps Principles and Practices

1. DevOps Concepts
2. Modern Software Methodologies
3. Automated Testing
4. Build Systems

- Day 2 - CI/CD

1. Continuous Integration
2. Continuous Delivery/Deployment
3. IBM Cloud toolchains

4. Insights and code metrics

- Day 3 - Automation and Monitoring

1. IBM Cloud Continuous Delivery Templates

2. Source code control and issue tracking

3. IBM Cloud Schematics

4. IBM Cloud monitoring
