

AWS CloudFormation Training

COURSE CONTENT

GET IN TOUCH



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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

AWS CloudFormation is a powerful tool that enables IT professionals to automate the provisioning and management of AWS resources. Multisoft Systems' AWS CloudFormation Training is designed to equip participants with the skills required to create, deploy, and manage infrastructure as code (IaC) efficiently.

Module 1: Get Started with AWS CloudFormation

- ✓ Introduction to AWS CloudFormation
- ✓ AWS CloudFormation Features
- ✓ Working of AWS CloudFormation

Module 2: Setting Up

- ✓ Signing in for an AWS Account and Pricing
- ✓ Controlling Access with IAM
- ✓ Logging CloudFormation API Calls
- ✓ AWS CloudFormation Limits
- ✓ Setting Up VPC Endpoint for AWS CloudFormation

Module 3: Continuous Delivery with Code Pipeline

- ✓ Overview of Building a Pipeline for Test and Production Stacks
- ✓ Building a Pipeline for Test and Production Stacks
- ✓ Configure Properties Reference
- ✓ AWS CloudFormation Artifacts
- ✓ Parameter Override Functions with Code Pipeline Pipelines

Module 4: Working with Stacks

- ✓ Creating a Stack Using Console
- ✓ Stack Updates
- ✓ Detecting Unmanaged Configuration Changes to Stack and Resources
- ✓ Exporting Stack Output Values
- ✓ Working with Nested Stacks

Module 5: Working with Template

- ✓ Template Format and Anatomy
- ✓ Template Snippets

- ✓ Custom Resources
- ✓ Template Macros

Module 6: Working with AWS CloudFormation Stack Sets

- ✓ Stack Set Concepts
- ✓ Stack Set Operations
- ✓ Create a New Stack Set
- ✓ Update Stack Set
- ✓ Add Stacks to Stack Set
- ✓ Override Parameters on Stack Instance
- ✓ Delete Stack Instances and Stack Sets

Module 7: Troubleshooting AWS CloudFormation

- ✓ Troubleshooting Errors
- ✓ Delete Stack Fails
- ✓ Dependency Errors
- ✓ Error Parsing Parameter When Passing a List
- ✓ Insufficient IAM Permissions
- ✓ Invalid Value or Unsupported Resource Property
- ✓ Limit Exceeded
- ✓ No Updates to Perform
- ✓ Resource Failed to Stabilize During an Update, Delete Stack Operation or Create
- ✓ Security Group does not Exist in VPC
- ✓ Update Rollback Failed
- ✓ Resource Removed from Stack but Not Deleted