

Cloud Provisioning and Governance Fundamentals 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

Cloud computing has revolutionized IT infrastructure, making it essential for organizations to manage cloud resources efficiently. The Cloud Provisioning and Governance Fundamentals training by Multisoft Systems equips professionals with the skills needed to provision, govern, and optimize cloud environments effectively.

Module 1: Introduction and the Cloud User Portal

- ✓ Overview of Cloud Models
- ✓ Cloud User Portal Overview
- ✓ Understand CPG Roles
- ✓ Simulator - Before you Begin
- ✓ Simulator - Explore Roles
- ✓ Definitions and Concepts

Module 2: Administration and the Cloud Admin Portal

- ✓ Cloud Admin Portal Overview
- ✓ MID Server Architecture
- ✓ Simulator: Validate MID Server

Module 3: AWS

- ✓ Overview of the AWS Cloud and Credentials
- ✓ Service and Cloud Accounts
- ✓ Simulator: Explore AWS Credentials
- ✓ Simulator: AWS Service Account Setup
- ✓ Simulator: AWS Cloud Account Setup
- ✓ Import Cloud Formation Templates
- ✓ Configure AWS Cloud Events
- ✓ Simulator: Create a Cloud Catalog Item

Module 4: Resource Profiles

- ✓ Overview of Resource Profiles
- ✓ Simulator: Create a Schedule Profile

Module 5: Identity and Permissions

- ✓ Understand the Identity Elements Used by CPG

Module 6: Troubleshooting

- ✓ Troubleshooting

Module 7: Templates and Cloud Catalog Items

- ✓ Overview of Templates - AWS CFT and Azure ARM
- ✓ Ingest and Publish Templates
- ✓ Update and Version Templates
- ✓ CFT and ARM Metadata
- ✓ Manage Catalog Item Attributes
- ✓ Improve the Presentation of Cloud Catalog Items
- ✓ Simulator: Version a CFT
- ✓ Simulator: Customize a CFT with Metadata

Module 8: Terraform

- ✓ Overview of Terraform and Configuration Files
- ✓ Configure CPG for Terraform Open Source
- ✓ Simulator: Configure and Discover Cloud Provider
- ✓ Simulator: Create Catalog Item and Activate Template
- ✓ Configure CPG for Terraform Enterprise and Terraform Cloud
- ✓ Change Governance using IaC

Module 9: Policy

- ✓ Understand Policy
- ✓ Simulator: Policy Naming Enforcement

Module 10: Azure

- ✓ Overview of the Azure Cloud
- ✓ Credentials and Connecting to Azure
- ✓ Demo - Configure Azure Credentials

- ✓ Configure Service and Cloud Accounts
- ✓ Demo - Configure Azure Cloud Service Account
- ✓ Demo - Configure an Azure Discovery Schedule
- ✓ Configure Cloud Events
- ✓ Demo - Configure Azure Cloud Events
- ✓ Provision a Stack for Azure and Explore ARM Templates
- ✓ Demo - Create a stack using and ARM template
- ✓ Provision with Terraform
- ✓ Demo - Deploy an Azure VM with Terraform

Module 11: VMware

- ✓ VMware Overview
- ✓ VMware Setup
- ✓ Demo - Connect VMware to ServiceNow
- ✓ Configure Cloud Events
- ✓ Demo - Configure the vCenter event collector
- ✓ Provision with Terraform
- ✓ Demo - Deploy a VMware VM with Terraform