

Amazon Cloud Training

COURSE CONTENT

GET IN TOUCH



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About Multisoft

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About Course

Multisoft Systems offers comprehensive Amazon Cloud training, providing participants with a thorough overview of the AWS platform. This training covers a wide range of topics, including cloud computing fundamentals, AWS services, architecture, security, and best practices.

Module 1: Cloud Computing Introduction

- ✓ Software-as-a-service: SaaS
- ✓ Platform-as-a-service: PaaS
- ✓ Hardware-as-a-service: HaaS
- ✓ Infrastructure-as-a-service: IaaS

Module 2: Google Cloud Inf

- ✓ Google File System
- ✓ Search engine
- ✓ MapReduce
- ✓ Grid Computing

Module 3: Amazon Web Services

- ✓ REST APIs
- ✓ SOAP API
- ✓ Query API
- ✓ User Authentication

Module 4: Connecting to the Cloud

- ✓ OpenSSH Keys
- ✓ Tunneling / Port Forwarding

Module 5: Simple Storage Service – S3

- ✓ Overview
- ✓ Buckets
- ✓ Objects
- ✓ ACL
- ✓ Logging and Signed URI
- ✓ S3 Applications

Module 6: Elastic Cloud Compute - EC2

- ✓ Overview
- ✓ Keypairs
- ✓ Network Types
- ✓ LAN
- ✓ Gateways and Router
- ✓ IP Classes and Subnets
- ✓ CIDR
- ✓ Utilities

Module 7: Instances Management

- ✓ Image Management
- ✓ Security groups

Module 8: Amazon Elastic Block Storage EBS: Ubuntu in the Cloud

- ✓ Installation
- ✓ Utilities
- ✓ Filesystem
- ✓ Shell
- ✓ Programming
- ✓ Control Structures
- ✓ Event based Init Daemon

Module 9: Apache Instances in EC2

- ✓ Introduction
- ✓ Installation and Running
- ✓ Testing server and content
- ✓ Configuring Apache

- ✓ Directives
- ✓ Virtual hosts

Module 10: Amazon Simple Queue Service

- ✓ Amazon Simple Notification Service
- ✓ Amazon Simple DB
- ✓ Amazon Relational Database Service

Module 11: MySQL Server Replication in Cloud

- ✓ MySQL Data
- ✓ Batch mode
- ✓ MySQL Apache Integration

Module 12: Storage Engines

- ✓ Replication Basics
- ✓ Availability and scalability
- ✓ Caching
- ✓ Proxy

Module 13: Backup and Recovery

- ✓ Database Sharding
- ✓ EC2 Applications
- ✓ Web application design

Module 14: Focus on Search Engine Security

- ✓ Firewall
- ✓ Data, Network and Host

Module 15: AWS EC2 Capacity Planning

- ✓ Apache Servers
- ✓ MySQL Servers

Module 16: Amazon Cloud Watch

- ✓ Monitoring Tools
- ✓ Amazon CloudFront
- ✓ YouTube
- ✓ Amazon Elastic Load Balancing
- ✓ Cluster Balancing

Module 17: Amazon Autoscaling

- ✓ Apache Scaling
- ✓ MySQL Scaling

Module 18: Amazon Virtual Private Cloud

- ✓ DHCP
- ✓ DNS
- ✓ NFS
- ✓ NIS
- ✓ Virtualization
- ✓ Private Cloud for Enterprise