

IBM Cloud Security Engineer v1 Specialty Training

COURSE CONTENT

GET IN TOUCH



Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

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

The IBM Cloud Security Engineer v1 Specialty training offered by Multisoft Systems is designed to equip IT professionals with comprehensive knowledge and skills in securing IBM Cloud environments. This intensive course covers a wide range of topics, including risk management, data protection, network security, and compliance standards specific to IBM Cloud.

Module 1: Secure Infrastructure and Hybrid Cloud Connections in IBM Cloud

- ✓ Articulate the security requirements for and implications of connecting to resources and services
- ✓ Configure VPN settings for a VPC
- ✓ Identify features and limitations of hardware firewall (Fortigate) in securing Classic resources
- ✓ Identify and assess the security ramifications of multi-region deployments
- ✓ Articulate how to connect on premise VMWare environments with IBM Cloud VMWare solutions
- ✓ Articulate how to connect using Juniper vSRX

Module 2: Secure Cloud Compute in IBM Cloud

- ✓ Secure interconnected services with VSIs in VPC
- ✓ Articulate how to create secure internal and external connections with Power VSIs
- ✓ Identify solutions in Code Engine
- ✓ Implement security controls on Bare Metal in Classic infrastructure

Module 3: Secure Kubernetes Services in IBM Cloud

- ✓ Implement security controls at the Kubernetes layer in IKS
- ✓ Implement security controls at the infrastructure layer in IKS (VPC)
- ✓ Implement security controls at the infrastructure layer in IKS (Classic)
- ✓ Implement security controls at the OpenShift platform layer in Red Hat OpenShift
- ✓ Implement security controls at the infrastructure layer in RedHat OpenShift (VPC)
- ✓ Implement security controls at the infrastructure layer in RedHat OpenShift (Classic)
- ✓ Implement security in Red Hat OpenShift on IBM Cloud Satellite

Module 4: Secure VMware Solutions in IBM Cloud

- ✓ Implement secure connections to and from VMware Solutions Dedicated clusters with other IBM Cloud
- ✓ Implement secure connections to and from VMware Solutions Shared clusters with other IBM Cloud services

Module 5: Access Controls and Authorization in IBM Cloud

- ✓ Implement IAM on IBM Cloud services
- ✓ Implement authentication with App ID
- ✓ Manage access to IBM Cloud resources
- ✓ Report and audit user activity for security insights

Module 6: Security and Compliance Monitoring, Logging, and Alerting

- ✓ Manage alerts relating to Security Threats
- ✓ Manage alerts relating to Compliance