AWS Cloud Associate and Security – 6 Months

Associate:

Module 01: Designing Highly Available Systems

(a) Planning and Design
(b) Monitoring and Logging
(c) Hybrid IT Architectures
(d) Elasticity and Scalability

Module 02: Implementation and Deployment

(a) Amazon EC2
(b) Amazon S3
(c) AWS CloudFormation
(d) AWS VPS
(e) AWS IAM

Module 03: Data Security

(a) AWS IAM (Identity and Access Management)
(b) AWS VPC (Virtual Private Cloud)
(c) Encryption Solutions
(d) CloudWatch Logs
(e) Disaster Recovery
(f) Amazon Route 53
(g) AWS Storage Gateway
(h) AWS Import/Export

Module 04: Troubleshooting

Security:

Module 01: AWS Abuse Notice Handling

Module 02: Incident Response Plan Evaluation

Module 03: Automated Alerting Configuration and Remediation

Module 04: Security Monitoring and Alerting Implementation

Module 05: Security Monitoring and Alerting Troubleshooting

Module 06: Logging Solution Design and Implementation

Module 07: Edge Security Design on AWS

Module 08: Logging Solutions Troubleshooting

Module 09: Secure Network Infrastructure Design and Implementation

Module 10: Secure Network Infrastructure Troubleshooting

Module 11: Host-based Security Design and Implementation

Module 12: Scalable Authorization and Authentication System Design and Implementation

Module 13: Authorization and Authentication System Troubleshooting

Module 14: Key Management Design and Implementation

Module 15: Key Management Troubleshooting

Module 16: Data Encryption Solution Design and Implementation