AWS Security Essentials

This course covers fundamental AWS cloud security concepts, including AWS access control, data encryption methods, and how network access to your AWS infrastructure can be secured. Based on the AWS Shared Security Model, you learn where you are responsible for implementing security in the AWS Cloud and what security-oriented services are available to you and why and how the security services can help meet the security needs of your organization.

Course Outline

The following concepts are covered in this course:

- Security design principles
- Shared responsibility model
- AWS Global Infrastructure
- Data center security
- Data protection essentials
- Identity and access management
- Monitoring and detective controls
- Incident response essentials
- Compliance and governance
- AWS Well-Architected Tool

The following labs are covered in this course:

- Introduction to Security Policies
- Securing VPC Resources with Security Groups
- Remediating Issues with AWS Config Compliance Pack