AWS Security Essentials

Duration: 1 Day Course Code: GK3337

Overview:

AWS Security Essentials 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. This course enables you to dive deep, ask questions, work through solutions, and get feedback from AWS-accredited instructors with deep technical knowledge. This is a fundamental level course and is a part of the AWS Security learning path.

Target Audience:

This course is intended for:
- IT business-level professionals interested in cloud security practices
- Security professionals with minimal working knowledge of AWS

Objectives:

- This course is designed to teach you how to:
- Identify security benefits and responsibilities when using the AWS Cloud
- Describe the access control and management features of AWS
- Understand the different data encryption methods to secure sensitive data
- Describe how to secure network access to your AWS resources
- Determine which AWS services can be used for security logging and monitoring

Prerequisites:

We recommend that attendees of this course have:

- Working knowledge of IT security practices and infrastructure concepts, familiarity with cloud computing concepts

Content:

Module 1: Exploring the Security Pillar

- AWS Well-Architected Framework: Security Pillar

Module 2: Security of the Cloud

- Shared responsibility model
- AWS Global Infrastructure
- Compliance and governance

Module 3: Identity and Access Management

- Identity and access management
- Data access and protection essentials
- Lab 1: Introduction to Security Policies

Module 4: Protecting Infrastructure and Data

- Protecting your network infrastructure
- Edge Security
- DDoS Mitigation
- Protecting compute resources
- Lab 2: Securing VPC Resources with Security Groups

Module 5: Detection and Response

- Monitoring and detective controls
- Incident response essentials

Module 6: Course Wrap-Up

Course review

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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