

## AWS Security Essentials

**Duration: 1 Day**    **Course Code: GK3337**    **Delivery Method: Class Connect**

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### 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.

### Class-Connect™ HD

This is live hands-on interactive learning where you can attend a course from different training centres. This premium experience uses HD quality audio and video that connects the classrooms over a high capacity managed network to ensure a 'real time' experience. The instructor will be presenting from one location and students attending from other centres are able to interact with the instructor and other delegates using video and voice conferencing.

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### Target Audience:

This course is intended for:

- IT business-level professionals interested in cloud security practices
  - Security professionals with minimal working knowledge of AWS
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### 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
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### Prerequisites:

We recommend that attendees of this course have:

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

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## Further Information:

For More information, or to book your course, please call us on 0800/84.009

[info@globalknowledge.be](mailto:info@globalknowledge.be)

[www.globalknowledge.com/en-be/](http://www.globalknowledge.com/en-be/)