

## AWS Security Essentials

**Duration: 1 Day**    **Course Code: GK3337**

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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.

#### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

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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:

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| ■ This course is designed to teach you how to:                             | ■ Understand the different data encryption methods to secure sensitive data    |
| ■ Identify security benefits and responsibilities when using the AWS Cloud | ■ Describe how to secure network access to your AWS resources                  |
| ■ Describe the access control and management features of AWS               | ■ 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	Module 4: Protecting Infrastructure and Data	Course review
<ul style="list-style-type: none"><li>■ AWS Well-Architected Framework: Security Pillar</li></ul>	<ul style="list-style-type: none"><li>■ Protecting your network infrastructure</li><li>■ Edge Security</li><li>■ DDoS Mitigation</li><li>■ Protecting compute resources</li><li>■ Lab 2: Securing VPC Resources with Security Groups</li></ul>	
Module 2: Security of the Cloud	Module 5: Detection and Response	
<ul style="list-style-type: none"><li>■ Shared responsibility model</li><li>■ AWS Global Infrastructure</li><li>■ Compliance and governance</li></ul>	<ul style="list-style-type: none"><li>■ Monitoring and detective controls</li><li>■ Incident response essentials</li></ul>	
Module 3: Identity and Access Management	Module 6: Course Wrap-Up	
<ul style="list-style-type: none"><li>■ Identity and access management</li><li>■ Data access and protection essentials</li><li>■ Lab 1: Introduction to Security Policies</li></ul>		

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## Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

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