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## Introducing Cisco Cloud Consumer Security

**Duration: 1 Day**    **Course Code: SECICC**    **Version: 1.0**    **Delivery Method: Virtual Learning**

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### Overview:

The Introducing Cisco Cloud Consumer Security course gives you a technical overview of the basic concepts and components of the cloud, as well as the Cisco solutions that can be used to provide comprehensive security of a cloud-based environment. In this primarily lecture-based course, you'll learn the basics from a cloud consumer perspective including securing cloud and Software as a Service (SaaS) application environments. This introductory course provides insights on using Cisco Stealthwatch Cloud, Cisco CloudLock, Cisco Umbrella and more to protect the user when using cloud-based applications.

### 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:

Cloud Consumers and administrators of public cloud, private cloud and hybrid cloud infrastructures.

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### Objectives:

- **After completing this course you should be able to:**
  - Describe Cisco security offerings for Amazon Web Services (AWS)
  - Describe public, private, and hybrid cloud models, concepts, and design
  - Define methods to secure SaaS application usage
  - Explain the concepts and components for securing cloud environments
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### Prerequisites:

#### Attendees should meet the following prerequisites:

- There are no specific prerequisites for this course but prior knowledge of cloud computing and virtualisation software basics is recommended

### Testing and Certification

#### Recommended as preparation for the following exams:

- There are no exams currently aligned to this course
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## Content:

### Introducing the Cloud

- Describe the Evolution of Cloud Computing
- Explain Cloud Service Models
- Explore Cloud Deployment Models

### Introducing Securing the Cloud

- Describe the Cisco Threat-Centric Approach to Network Security
- Describe Cloud Physical Environment Security
- Describe Cloud Network Infrastructure Security
- Explain Application Security
- Explore Cloud Management and API Security
- Describe Cisco Cloud-Based Security Solutions
- Describe Network Functions Virtualization (NFV), Virtual Network Function (VNF), and Secure Agile Exchange (SAE)
- Describe Cisco CloudCenter for MultiCloud Management
- Describe Cisco Stealthwatch

### Describing Cloud Security Solutions Using AWS

- Identify AWS Security Offerings
- Identify Cisco Security Solutions in AWS

### Introducing Security in an SaaS Environment

- Describe SaaS Applications
- Describe SaaS Security Challenges
- Explain Cloud Access Security Broker
- Describe Cisco CloudLock
- Describe OAuth and OAuth Attacks
- Describe Cisco Advanced Malware Protection for Endpoints
- Describe Cisco Cloud Email Security
- Describe Cisco Umbrella

### Labs

- Explore Cisco Stealthwatch Cloud
- Explore Stealthwatch Cloud Alerts Settings, Watchlists, and Sensors
- Explore Cisco Security Solutions in AWS Marketplace
- Explore the Cisco CloudLock Dashboard and User Security
- Explore Cisco CloudLock Application and Data Security
- Explore Cisco Advanced Malware Protection (AMP) Endpoints
- Explore the Cisco Umbrella Roaming Client

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## 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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