
Introducing Cisco Cloud Consumer Security

Duration: 1 Day **Course Code: SECICC** **Version: 1.0** **Delivery Method: Company Event**

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.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

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

Objectives:

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

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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