
Introducing Cisco Cloud Consumer Security

DURATION: 1 DAY

COURSE CODE: SECICC

FORMAT: LECTURE/LAB

COURSE DESCRIPTION

The Introducing Cisco Cloud Consumer Security (SECICC) v1.0 course gives you a technical overview of basic concepts and components of the cloud, and the Cisco® solutions used to provide comprehensive security of your 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.

WHO SHOULD ATTEND

Security architects
Cloud architects
Network engineers and administrators
System engineers and administrators
Cloud security consumers
Cloud application administrators
IT managers
Line of business managers
Cisco integrators and partners

PREREQUISITES

This course has no prerequisites, but you'll get the most from the course if you have the following knowledge and skills:

- Basic computer literacy
- Basic PC operating system navigation skills
- Basic Internet usage skills
- Basic IP address knowledge

We also recommend that you have the following skills:

- Prior knowledge of cloud computing and virtualization software basics

COURSE OUTLINE

1. Introducing the Cloud

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

2. 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

3. Describing Cloud Security Solutions Using AWS

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

4. 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