Introducing Cisco Cloud Consumer Security (SECICC) v1.0

What you'll learn in this course

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.

What to expect

- Instructor-led training: 1 day in the classroom
- Virtual instructor-led training: 1 day of web-based classes
- E-learning: The equivalent of 1 day of instruction and hand-on lab experience

How you'll benefit

This course gives you an overview of how Cisco cloud security solutions can secure cloud environments to:

- Block threats earlier: Stop malware before it reaches your network and endpoints, reducing the time spent remediating infections
- Extend protection to the cloud: Remove blind spots and protect users anywhere they go anywhere they access the Internet
- Secure users, information, and applications: Protect users, data, and applications in the cloud against compromised accounts, cloud-native threads, and data breaches. Support regulatory compliance
- Enable highly secure cloud use: Improve security while boosting end user productivity

Technology areas

- Cloud
- Security

Who should enroll

This course benefits cloud consumers and administrators of public cloud, private cloud, and hybrid cloud infrastructures:

- 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

How to enroll

E-learning

- Purchase a single e-learning license at the Cisco Learning Network Store.
- For e-learning volume discounts, email learning-bdm@cisco.com

Instructor-led training

- Find a class with the Cisco Learning Locator.
- Arrange training at your location through Cisco Private Group Training.

Course details

Objectives

After taking 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

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

Outline

- Introducing the Cloud
  - Describe the Evolution of Cloud Computing
  - Explain Cloud Service Models
- Introducing Securing the Cloud
  - Describe the Cisco Threat-Centric Approach to Network Security
  - Describe Cloud Physical Environment Security
- 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

Lab outline

- 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

Course content is dynamic and subject to change without notice.

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