

SECICC (INTRODUCING CISCO CLOUD CONSUMER SECURITY) 1.0

Objetivo

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.

Público Alvo

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

Pré-Requisitos

This course has no prerequisites, but you will 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;
- Prior knowledge of cloud computing and virtualization software basics.

Carga Horária

8 horas (1 dias).

Conteúdo Programático

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

Lab outline

Lab 1: Explore Cisco Stealthwatch Cloud

Lab 2: Explore Stealthwatch Cloud Alerts Settings, Watchlists, and Sensors

Lab 3: Explore Cisco Security Solutions in AWS Marketplace

Lab 4: Explore the Cisco CloudLock Dashboard and User Security

Lab 5: Explore Cisco CloudLock Application and Data Security

Lab 6: Explore Cisco Advanced Malware Protection (AMP) Endpoints

Lab 7: Explore the Cisco Umbrella Roaming Client