Introducing Cisco Cloud Consumer Security

Duration: 1 Day   Course Code: SECICC   Version: 1.0

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.

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

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

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 Tel.: +974 40316639

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