ADMUMB: ADMINISTERING AND POSITIONING CISCO UMBRELLA OPERATIONS

COURSE OVERVIEW:

Cisco Umbrella is a cloud security platform that provides the first line of defense against threats on the Internet. Being able to understand and position how Cisco Umbrella works and what are the features is the key focus of this 3-day Cisco online IT class. Students who enter the course with a basic understanding of Cisco products and IT solutions will be able to describe the Cisco Umbrella, understand Secure Internet Gateway and Ransomware Protection, discuss Threat Intelligence, use Cisco Roaming Client. Sign up with NterOne to get access to this Cisco online training course today.

WHO WILL BENEFIT FROM THIS COURSE?

The primary audience for this course is as follows:

- Channel Partner
- System Engineers
- System Administrators
- Architects
- Security Professionals

PREREQUISITES:

To fully benefit from this course, students should have the following prerequisite skills and knowledge:

- Basic understanding of Cisco products and solutions

COURSE OBJECTIVES:

Upon successful completion of this course, the learner will gain the following knowledge:

- How to describe and position Cisco Umbrella
- Discuss Secure Internet Gateway and Ransomware Protection
- Learn about DNS & IP layer enforcement & Intelligent Proxy
- Describe Command and control callback blocking
- Discuss Threat Intelligence
- Compare Umbrella Packages
- Understand Roaming Security
- Basic understanding of Cisco Roaming Client
- Understand how to use Cisco Umbrella Virtual Appliance
- Explain the ease of Integrating Cisco Umbrella into Active Directory
- Discuss Umbrella Reporting
- Understand Utilize Multi-Organization Tools

COURSE OUTLINE:

Module 1: Describe Cisco Umbrella

- Umbrella and Available Features Overview

Module 2: Umbrella Deployment Options

- DHCP
- DNS Server
- Roaming Client

Module 3: Configure Policy Components – Part 1

- Destination Lists
- Content Categories
- Application Settings
- Tenant Controls
- Security Settings

Module 4: Configure Policy Components – Part 2

- Block Page Appearance
- Integrations
- Selective Decryption Lists
- Bypass Users
- Bypass Codes

Module 5: Umbrella Policies-DNS, Firewall, and Web

- DNS Policies
- Firewall Policies
- Web Policies

Module 6: Integrating Umbrella with Active Directory

- AD Connector and Script
- Virtual Appliance
- Roaming Client
- AnyConnect Roaming Security

Module 7: Umbrella Roaming Security – Roaming Client

Module 8: Umbrella Roaming Security – AnyConnect Roaming Security

Module 9: Cisco Umbrella DNS Mobile Security

- MDM Integration
- IOS Devices
- Android Devices

Module 10: User Account Management

- Local Accounts
- User Roles

Module 11: Umbrella Reporting

- Core Reports
- Additional Reports
- Management Reports

Module 12: Umbrella Investigate

Module 13: Umbrella Multi-Organization

Module 14: Integrating Umbrella within Cisco SecureX

Lab Outline:

- Lab 0: Accessing the Lab Devices
- Lab 1: Deploying Cisco Umbrella
- Lab 2: Configuring Policy Components
- Lab 3: Configuring Umbrella DNS Policy
- Lab 4: Configuring Umbrella Firewall Policy
- Lab 5: Configuring Umbrella Web Policy
- Lab 6: Active Directory Integration using the Virtual Appliance
- Lab 7: Deploying Umbrella Roaming Client
- Lab 8: Deploying AnyConnect Roaming Security
- Lab 9: Umbrella User Account and Roles Management
- Lab 10: Umbrella Reporting
- Lab 11: Leveraging Umbrella Investigate
- Lab 12: SecureX Integration walk-through

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Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

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- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience

- You have the option to attend classes at any of our established training facilities or from the convenience of your home or office with the use of our HD-ILT network (High Definition Instructor Led Training)
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

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- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience