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Administering and Positioning Cisco Umbrella Operations

Duration: 3 Days   Course Code: ADMUMB   Version: 2.0

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 the features are, 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 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.

Target Audience:

Individuals involved in the Administration of a Cisco Umbrella Solution

Objectives:

- **After completing this course you should be able to:**

- Describe and position Cisco Umbrella

- Discuss Secure Internet Gateway and Ransomware Protection

- Understand DNS & IP layer enforcement & Intelligent Proxy

- Describe Command and control callback blocking

- Discuss Threat Intelligence

- Compare Umbrella Packages

- Understand Roaming Security

- Understand the basics 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

Prerequisites:

Attendees should meet the following prerequiites:

- Basic understanding of Cisco products and solutions

Testing and Certification

Recommended as preparation for the following exam(s):

- There are no exams currently aligned to this course

Content:

Describe Cisco Umbrella

- Umbrella and Available Features Overview

Umbrella Deployment Options

- DHCP
- DNS Server
- Roaming Client

Configure Policy Components – Part 1

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

Configure Policy Components – Part 2

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

Umbrella Policies-DNS, Firewall and Web

- DNS Policies
- Firewall Policies
- Web Policies

Integrating Umbrella with Active Directory

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

Umbrella Roaming Security – Roaming Client

Umbrella Roaming Security – AnyConnect Roaming Security

Cisco Umbrella DNS Mobile Security

- MDM Integration
- IOS Devices
- Android Devices

User Account Management

- Local Accounts
- User Roles

Umbrella Reporting

- Core Reports
- Additional Reports
- Management Reports

Umbrella Investigate

Umbrella Multi-Organization

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-though

Further Information:

For More information, or to book your course, please call us on 00 966 92000 9278

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