

## Administering Cisco Umbrella Operations

**Duration: 2 Days**    **Course Code: ADMUMB**    **Version: 2.0**    **Delivery Method: Virtual Learning**

### 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.

#### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

### Target Audience:

Individuals involved in the Administration of a Cisco Umbrella Solution

### Objectives:

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|--|--|
| ■ <b>After completing this course you should be able to:</b> | ■ Understand Roaming Security  |
| ■ Describe and position Cisco Umbrella                       | ■ Understand the basics of Cisco Roaming Client                        |
| ■ Discuss Secure Internet Gateway and Ransomware Protection  | ■ Understand how to use Cisco Umbrella Virtual Appliance               |
| ■ Understand DNS & IP layer enforcement & Intelligent Proxy  | ■ Explain the ease of Integrating Cisco Umbrella into Active Directory |
| ■ Describe Command and control callback blocking             | ■ Discuss Umbrella Reporting   |
| ■ Discuss Threat Intelligence                                | ■ Understand Utilize Multi-Organization Tools                          |
| ■ Compare Umbrella Packages                                  |  |

### Prerequisites:

**Attendees should meet the following prerequisites:**

- 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-through

## Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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