

# Administering and Positioning Cisco Umbrella Operations v2.1 (ADMUMB)

**Price:** 3395

**Duration:** 3 days

**Delivery Methods:** Virtual

## 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, and use Cisco Roaming Client. Sign up with EnterOne to get access to this Cisco online training course today.

## Who Should Enroll

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

## 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

## **Learning Path Prerequisites**

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

- Basic understanding of Cisco products and solutions

## **COURSE OUTLINE**

### **Module 1: Describe Cisco Umbrella**

- What is Umbrella
- Enforcement
- DNS Overview
- Why DNS?
- Co-occurrence Model
- Spike Rank Model
- Predictive IP Space Monitoring
- Connecting to Umbrella

### **Module 2: Umbrella Deployment Options**

- DHCP Server
- DNS Server Forwarders
- Recursive DNS
- DNS Forwarders

### **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**

- Umbrella Policies
- Umbrella Policies - DNS
  - SSL Decryption
  - Identities

- Security Categories
- Content Access
- Control Applications
- Destination Lists
- File Analysis
- Block Page
- Bypass Users and Bypass Codes
- Policy Summary
- Umbrella Policies: Web
  - PAC File and SAML
  - HTTPS Inspection
  - File Analysis
  - File Type Control
- Umbrella Policies: Firewall
  - Firewall Rule
  - IPSec Parameters
  - Network Tunnel Requirements
  - Network Tunnel Configuration
  - Policy Tester

## **Module 6: Integrating Umbrella with Active Directory**

- Benefits
- Umbrella Virtual Appliances (VAs)
- Virtual Appliance Requirements
- Firewall/ACL Requirements
- Virtual Appliance with a HTTP/HTTPS Proxy
- Virtual Appliance Deployment
- Configure Virtual Appliance
- Active Directory (AD) Integration
- Active Directory Prerequisites
- Umbrella AD Components
- Connect Active Directory to Umbrella

## **Module 7: Umbrella Roaming Security-Roaming Client**

- Umbrella Roaming Security-Roaming Client
- Prerequisites
- Downloading the Umbrella Roaming Client
- Umbrella Status
- Identity Support
- Prerequisites for Active Directory Integration

## **Module 8: Umbrella Roaming Security-AnyConnect Roaming Security**

- Supported Operating Systems
- Deployment Steps

## **Module 9: Cisco Umbrella DNS Mobile Security**

- Apple iOS Devices
  - Requirements

- Installation
- Android OS Devices
  - Prerequisites
  - Download the Umbrella Android Configuration
- Push the Umbrella Certificate to Devices

### **Module 10: User Account Management**

- Manage Accounts
- Manage User Roles

### **Module 11: Umbrella Reporting**

- Umbrella Built-in Reports
  - Overview Page
  - Report Scheduling
  - Security Activity Report
  - Activity Search Report
  - Admin Audit Log

### **Module 12: Umbrella Investigate**

- Domain Summary View
- Umbrella Risk Score
- Timeline Section
- DNS Resolution Table
- WHOIS Record Data
- GeoIP Section
- Investigate Sample View
- Security Features
- IP Addresses Section
- Subdomain Section
- Co-occurrences Features

### **Module 13: Umbrella Multi-Organization**

### **Module 14: Integrating Umbrella within Cisco SecureX**

### **Course Schedule**

<b>Date</b>	<b>Time</b>	<b>Price</b>	<b>Options</b>
<b>05/18/2026</b>	<b>09:00 AM - 05:00 PM CT</b>	<b>3,395.00</b>	<a href="#">Buy Now</a> <a href="#">Enroll</a>
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<b>10/05/2026</b>	<b>09:00 AM - 05:00 PM CT</b>	<b>3,395.00</b>	<a href="#">Buy Now</a> <a href="#">Enroll</a>
<b>09/08/2026</b>	<b>09:00 AM - 05:00 PM CT</b>	<b>3,395.00</b>	<a href="#">Buy Now</a> <a href="#">Enroll</a>

Date	Time	Price	Options
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### **What if I have to reschedule my class due to conflict?**

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to [info@toptalentlearning.com](mailto:info@toptalentlearning.com) to avoid rescheduling penalties.

### **How do I enroll for this class?**

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### **What happens once I purchase a class?**

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

### **What is your late policy?**

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

### **What happens when I finish my class?**

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.