

ADMUMB (ADMINISTERING & POSITIONING CISCO UMBRELLA OPERATIONS) 1.0

Objetivo

After taking this course, you should be able to: 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.

Público Alvo

This course is intended for professionals want to manager and operate the Cisco Umbrella Solution.

Pré-Requisitos

Is recommended before attending this course Basic understanding of Cisco products and solutions.

Carga Horária

16 horas (2 dias).

Conteúdo Programático

Course Introduction

Course Outline
Course Objectives & Goals

Cisco Umbrella- Security Solution

Discuss Security Internet Gateway
Explain Ransomware Protection
DNS & IP layer enforcement
Intelligent Proxy
Command & control callback blocking
Threat Intelligence
Umbrella Packages

Implementing Cisco Umbrella

Overview of Cisco Umbrella
How do you Protect your network

Review how to Point your DNS to Cisco Umbrella
What are the custom policies?
Discuss Intelligent Proxy
Umbrella Policy Tester
Policy Precedence

Roaming Client

Introduction to Umbrella Roaming Client
Prerequisites
Downloading and Installing
Adding IP Layer Enforcement
Status, States, and Functionality
Virtual Appliances
Internal Domains

Umbrella Roaming Security

AnyConnect: Cisco Umbrella Roaming Security Client Administrator Guide
Cisco Umbrella Dashboard at a glance
Cisco Certificate Import

Virtual Appliance Setup Guide

Discuss Deployment Guidelines
How to Deploy the VAs
Review via VMware
Review via Hyper-V
Understand Your VAs
Local DNS Forwarding
Overview of DNS
Explain Sites and Internal Networks
Sizing

Active Directory

Overview of Active Directory
Discuss Up DNS Forwarding with your VAs
Active Directory Environment
Route DNS Traffic
Communication Flow
Multiple Active Directory and Umbrella Sites

Reporting Overview

Reporting Basics
Understanding Security Categories
Scheduled Reports: Overview
Security Overview Report
Activity Search Report
Security Activity Report
Destinations Report
Identities Report

Cloud Services Report
Admin Audit Log Report

Umbrella Multi-Org Overview

Cisco Umbrella Multi-Org Overview
Centralized Settings
Centralized Reports: Service Status
Centralized Reports: Cloud Services

Labs Outline

Lab 1: Demo Cisco Umbrella
Lab 2: Discuss Cisco Umbrella Basic set up
Lab 3: Demonstrate how Umbrella- Protects your Network
Lab 4: Umbrella- Provision the roaming client
Lab 5: View of Monitoring Cisco Umbrella
Lab 6: Review Cisco Ransomware Defense
Lab 7: At a glance Cisco Umbrella Reporting