ADMUMB

Administering & Positioning Cisco Umbrella Operations

16 horas | Security & Cybersecurity | Cisco

INTRODUÇÃO

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 2-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.

OBJETIVO DO CURSO

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.

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