

Deploy the AnyConnect Umbrella Roaming Security Module with FMC

Contents

[Introduction](#)

[Prerequisites](#)

[Requirements](#)

[Components Used](#)

[Overview](#)

[AnyConnect Umbrella Module Installation and Download from the FMC :](#)

[Optional: VPN Local Authentication \(FMC 7.0 or Later Required\)](#)

[Additional Information](#)

Introduction

This document describes how to deploy the AnyConnect Umbrella Roaming Security Module using Cisco Firewall Management Console (FMC).

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- Access to the Cisco Umbrella Dashboard
- Access to Cisco Firewall Management Console (FMC), version 6.7 or later, as this version adds support for additional AnyConnect modules. For versions earlier than 6.7, FlexConfig can be used to deploy the module, you can refer to the [Cisco documentation](#) for details.
- AnyConnect Umbrella Module Profile (orginfo.json)
- AnyConnect VPN configuration is already complete and functional on the FMC/FTD

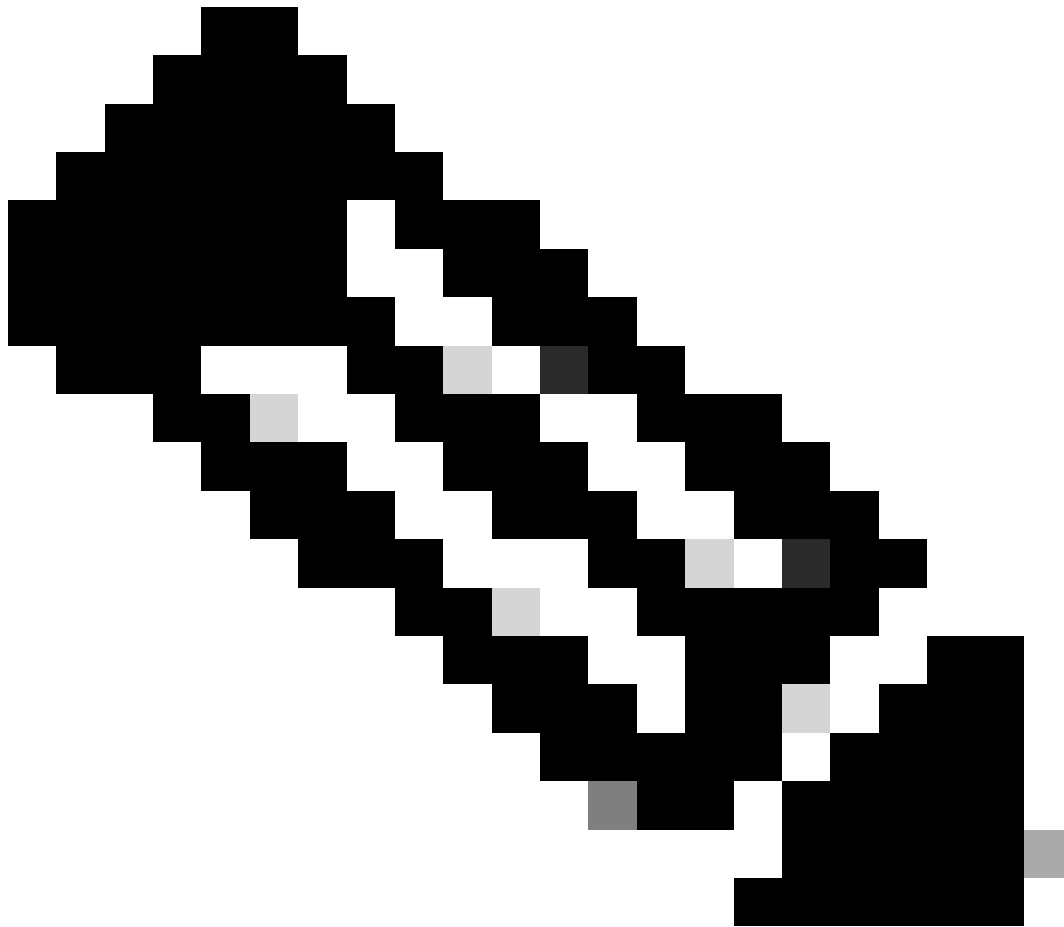
Components Used

The information in this document is based on these software and hardware versions:

- AnyConnect Umbrella Roaming Security Module
- Cisco Firewall Management Console (FMC) for versions 6.7 or later

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Overview



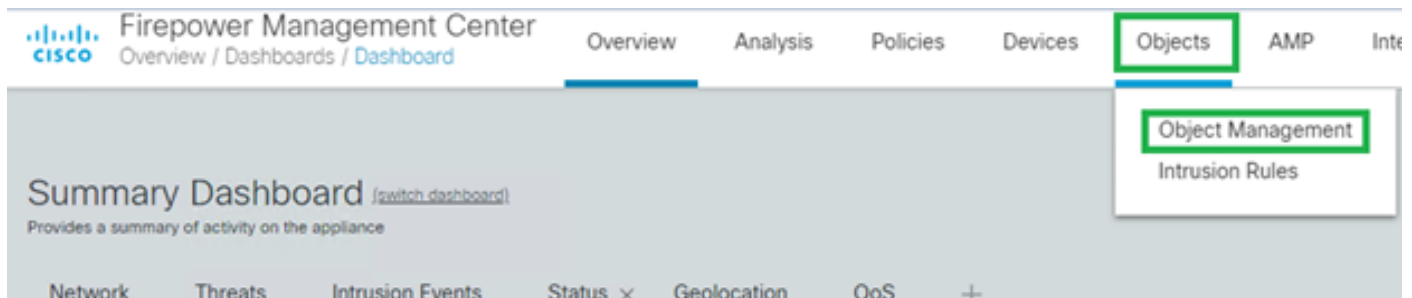
Note: Cisco announced the End-of-Life of Cisco AnyConnect in 2023. Cisco announced the End-of-Life for Umbrella Roaming Client on April 2, 2024, and the last date of support was April 2, 2025. Many Cisco Umbrella customers are already benefiting from migrating to Cisco Secure Client, and you are encouraged to begin migration as soon as possible to get a better roaming experience. Read more in this Knowledge Base article: [How do I install Cisco Secure Client with the Umbrella Module?](#)

This configuration guide covers the steps to provision the AnyConnect Umbrella Roaming Security Module via Cisco Firewall Management Console (FMC) for versions 6.7 or later.

AnyConnect Umbrella Module Installation and Download from the FMC :

Complete these steps to enable the AnyConnect Umbrella module installation/download from the FMC :

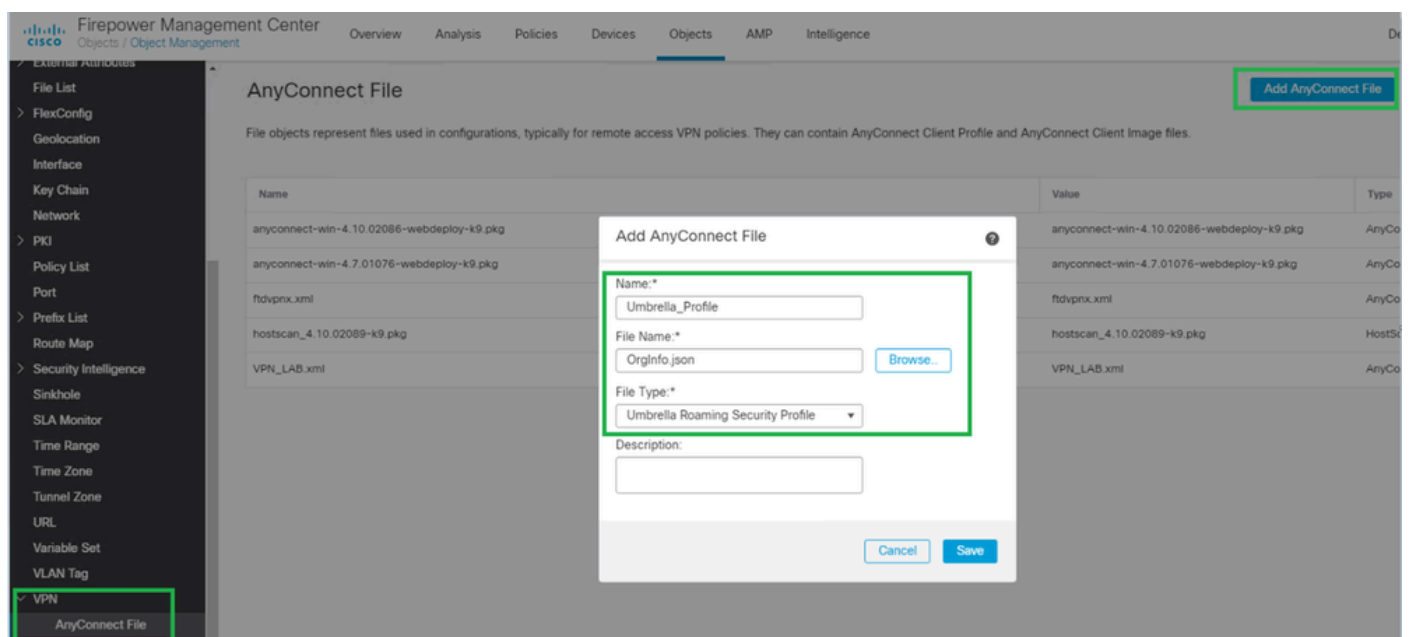
1. Go to **Objects > Object Management:**



8178144512532

2. Navigate to **VPN > AnyConnect File > Add AnyConnect File**. Set a name for the profile (locally significant).

- Browse for the **JSON** downloaded from your Cisco Umbrella dashboard.
- Under **File Type**, select **Umbrella Roaming Security Profile** and then **Save**.



8178144531860

3. Once there, select **Group Policy**, then select the group policy that you are using to deploy Umbrella ("Umbrella_GP" in this case):

The screenshot displays the Cisco Firepower Management Center (FMC) interface. The top navigation bar includes the Cisco logo, the title 'Firepower Management Center', and tabs for 'Overview', 'Analysis', 'Policies', 'Devices', and 'Objects'. The left sidebar shows a navigation tree with 'VPN' expanded and 'Group Policy' selected. The main content area is titled 'Group Policy' and includes a description: 'A Group Policy is a set of attribute and value pairs, stored in a group policy object, that'. Below this is a table listing group policies:

| Name |
|--------------------|
| DfltGrpPolicy |
| GP_Split |
| ISE_Posture |
| Umbrella_GP |

8178147609492

4. Select **AnyConnect > Client Modules > Add Client Module**.

- Under **Client Module**, select the **Umbrella Roaming Client**, and then **Profile** to download the profile we defined under step 2.
- Ensure that the **Enabled module download** is selected so that users connecting via AnyConnect can automatically download the Umbrella JSON profile.

Edit Group Policy ?

Name:*

Umbrella_GP

Description:

General **AnyConnect** Advanced

Profile

Management Profile

Client Modules

SSL Settings

Connection Settings

Custom Attributes

Download optional client modules to the endpoint. AnyConnect client requests download from the FTD of only the modules that are configured here.

| Client Module | Profile | Download | |
|-----------------------|---------|----------|--|
| No records to display | | | |

+

Add Client Module ?

Client Module

Umbrella Roaming Security ▼

Profile to download

Umbrella_Profile ▼ +

☒ Enable module download

Cancel Add

Cancel Save

8178147636628

Optional: VPN Local Authentication (FMC 7.0 or Later Required)

If you want to test a separate profile with Local Authentication on the FMC/FTD, you can complete these steps (FMC 7.0 or later is required):

1. Create a local realm.

- Local usernames and passwords are stored in local realms.

- When you create a realm (**System > Integration > Realms**) and select the new **LOCAL** realm type, the system prompts you to add one or more local users.

2. Configure RA VPN to use local authentication.

- Create or edit an RA VPN policy (**Devices > VPN > Remote Access**).
- Create a connection profile within that policy.
- Specify **LOCAL** as the primary, secondary, or fallback authentication server in that connection profile.

3. Associate the local realm you created with an RA VPN policy.

- In the RA VPN policy editor, use the new **Local Realm** setting. Every connection profile in the RA VPN policy that uses local authentication can use the local realm you specify here.

| Name | Description | Type | Domain | AD Primary Domain | Base DN | State |
|----------------------|-------------------|-------|--------|-------------------|--------------|---------|
| AD | AD - 10.2.210.253 | AD | Global | vpn.local | DC=vpn.local | Enabled |
| Local_Authentication | Local Realm | LOCAL | Global | | DC=vpn.local | Enabled |

8178273923732

| Username |
|----------|
| cisco |

8178144714388

Additional Information

[Cisco Firewall \(formerly Firepower\) Release Notes, Version 7.0.x](#)