Configure AnyConnect Lockdown And Hide AnyConnect From The Add/Remove Program List For Windows

Contents

Introduction **Prerequisites** Requirements **Components Used Background Information** Configure **Network Diagram** Configure AnyConnect Lockdown MSI installers from the Windows command prompt terminal. Lockdown option from the AnyConnect pre-deployment package installation wizard. Configure Hide AnyConnect from the Add/Remove Program List MSI installers from the Windows command prompt terminal. Configure AnyConnect Lockdown and the Hide AnyConnect from the Add/Remove Program List with ASDM Verify Confirm the Lockdown feature is enabled for the AnyConnect modules installed Confirm the Hide from the Add/Remove Program List feature is enabled for the AnyConnect modules installed **Troubleshoot Related Bugs Related Information** Table of Contents

Introduction

This document describes the steps required to enable the AnyConnect Lockdown and the Hide AnyConnect from the Add/Remove program list for Windows machines.

Contributed by Christian G. Hernandez R, Cisco TAC Engineer.

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- Cisco Adaptive Security Appliance (ASA) configuration
- Cisco AnyConnect configuration

• Windows basic knowledge

Components Used

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

- Cisco ASA version 9.14.2.13
- Cisco Adaptive Security Device Manager (ASDM) version 7.14.1
- Cisco AnyConnect versions 4.9.04053 and 4.9.06037

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.

Background Information

AnyConnect Lockdown for Windows: Cisco recommends that end-users be given limited rights to the Cisco AnyConnect Secure Mobility Client on their device. If end-user warrant additional rights, installers can provide a lockdown capability that prevents users and local administrators to turn off or stop the AnyConnect services.

You have three different options to enable the AnyConnect Lockdown feature:

- 1. MSI installers from the Windows command prompt terminal.
- 2. Lockdown option from the AnyConnect pre-deployment package installation wizard.

3. ASDM - Import a sample installer lockdown transforms file to the ASA.

Hide AnyConnect from the Add/Remove program list for Windows: You can hide the installed AnyConnect modules from the Add/Remove Programs list in the Windows Control Panel Uninstall a Program.

You have two options to enable the Hide AnyConnect from the Add/Remove program list feature:

- 1. MSI installers from the Windows command prompt terminal.
- 2. ASDM Import a sample installer hide-addremove transforms file to the ASA.

Configure

Network Diagram



Configure AnyConnect Lockdown

MSI installers from the Windows command prompt terminal.

Configuration Steps

4.9

4.9.06037

4.9.05042

4.9.04053

Step 1. Download the AnyConnect pre-deployment package file for Windows.

Step 1.1 Navigate to the Cisco software download page and download the AnyConnect version to install on the Windows machine.

For this example, download the Windows AnyConnect pre-deployment package that includes the individual MSI files for version 4.9.04053 (anyconnect-win-4.9.04053-predeploy-k9.zip).

CISCO Products & Services	Suppor	rt How to Buy Training & Events Partners			00000
Software Dow	nloa	d			
Downloads Home / Security / VPN an	d Endpoint Se	ecurity Clients / Cisco VPN Clients / AnyConnect Secure Mobility Client / Any	Connect Secure Mobility	Client v4.x / AnyConnect Vi	PN Client Software- 4.9.04053
Q Search		AnyConnect Secure Mobility Clie	nt v4.x		
Expand All Collapse Al	D	Release 4.9.04053	Related Links	and Documentation	
Latest Release	~	★ ★ ★ ☆ ☆ (1) Write Read reviews My Notifications	Release Notes for 4	9.04053	
4.10.00093		Wy rouncauors	Licensing FAQ		
4.9.06037				- laster back	energi Ordesian Ordela (m.
All Release	~	AnyConnect 4.9 is available to customers with active AnyConnect A options. Software Download problems?	apex, Plus or VPN Only te	m/contracts. See the AnyC	onnect Ordering Guide for
Translations	>	File Information	Release Date	Size	
ISEComplianceModule	>	AnyConnect Pre-Deployment Package (Linux 64-bit)	30-Nov-2020	25.19 MB	+ _
AppSelector-2.0	>	anyconnect-linux64-4.9.04053-predeploy-k9.tar.gz			
Hostscan	>	Application Programming Interface [API] (Linux 64-bit) anyconnect-linux64-4.9.04053-vpnapi.tar.gz	30-Nov-2020	6.61 MB	<u>+</u> \;
Android	>	AnyConnect Headend Deployment Package (Linux 64-bit)	30-Nov-2020	34.49 MB	+ \:-
4.10	>	anyconnect-linux64-4.9.04053-webdeploy-k9.pkg			
NVM	>	AnyConnect Pre-Deployment Package (Mac OS)	30-Nov-2020	41.44 MB	<u>+</u> \:

30-Nov-2020

30-Nov-2020

30-Nov-2020

30-Nov-2020

30-Nov-2020

33.62 MB

57.16 MB

0.64 MB

0.65 MB

59.62 MB

<u>+</u> \.

<u>+ \-</u>

<u>+ \.</u>

+ \...

<u>+ \-</u>

Step 2. Download the AnyConnect installer transforms file for Windows.

Step 2.1 Navigate to the Cisco software download page and download the AnyConnect Installer Transforms file for Windows that matches the same AnyConnect version to install in the Windows machine.

For this example, download the transforms file for the AnyConnect version 4.9.04053 (tools-anyconnect-win-4.9.04053-transforms.zip).

anyconnect-macos-4.9.04053-predeploy-k9.dmg

anyconnect-macos-4.9.04053-webdeploy-k9.pkg

anyconnect-win-4.9.04053-predeploy-k9.zip

anvconnect-macos-4.9.04053-vpnapi.tar.gz

individual MSI files

Application Programming Interface [API] (Mac OS)

AnyConnect Headend Deployment Package (Mac OS)

anyconnect-win-4.9.04053-core-vpn-lang-predeploy-k9.zip

anyconnect-win-4.9.04053-core-vpn-lang-webdeploy-k9.zip AnyConnect Pre-Deployment Package (Windows) - includes

Language localization transform Pre-Deployment (Windows)

Language localization transform Headend Deployment (Windows)

Expand All Collapse All

> >

>

>

>

>

>

Latest Release

4.10.00093

4.9.06037

All Release Translations ISEComplianceModule AppSelector-2.0 Hostscan Android 4.10 NVM 4.9 4.9.06037 4.9.05042 4.9.04053

Release 4.9.04053

Related Links and Documentation AnyConnect Ordering Guide

My Notifications	Release Notes for 4 Licensing FAQ	1.9.04053	
AnyConnect 4.9 is available to customers with active AnyConnect options. Software Download problems?	Apex, Plus or VPN Only te	rm/contracts. See the AnyCor	nect Ordering Guide for
File Information	Release Date	Size	
AnyConnect Pre-Deployment Package (Linux 64-bit) anyconnect-linux64-4.9.04053-predeploy-k9.tar.gz	30-Nov-2020	25.19 MB	<u>+</u> \;
Application Programming Interface [API] (Linux 64-bit) anyconnect-linux64-4.9.04053-vpnapi.tar.gz	30-Nov-2020	6.61 MB	<u>+</u> \;
AnyConnect Headend Deployment Package (Linux 64-bit) anyconnect-linux64-4.9.04053-webdeploy-k9.pkg	30-Nov-2020	34.49 MB	<u>+</u> \;
AnyConnect Pre-Deployment Package (Mac OS) anyconnect-macos-4.9.04053-predeploy-k9.dmg	30-Nov-2020	41.44 MB	<u>+</u> \;
Application Programming Interface [API] (Mac OS) anyconnect-macos-4.9.04053-vpnapi.tar.gz	30-Nov-2020	33.62 MB	<u>+</u> \;
AnyConnect Headend Deployment Package (Mac OS) anyconnect-macos-4.9.04053-webdeploy-k9.pkg	30-Nov-2020	57.16 MB	<u>+</u> \;
Language localization transform Pre-Deployment (Windows) anyconnect-win-4.9.04053-core-vpn-lang-predeploy-k9.zip	30-Nov-2020	0.64 MB	<u>+</u> \;
Language localization transform Headend Deployment (Windows anyconnect-win-4.9.04053-core-vpn-lang-webdeploy-k9.zip	s) 30-Nov-2020	0.65 MB	<u>+</u> \;
AnyConnect Pre-Deployment Package (Windows) - includes individual MSI files anyconnect-win-4.9.04053-predeploy-k9.zip	30-Nov-2020	59.62 MB	<u>+</u> \;
Application Programming Interface [API] (Windows) anyconnect-win-4.9.04053-vpnapi.zip	30-Nov-2020	141.06 MB	<u>+</u> \;
AnyConnect Headend Deployment Package (Windows) anyconnect-win-4.9.04053-webdeploy-k9.pkg	30-Nov-2020	67.32 MB	<u>+</u> \;
AnyConnect Pre-Deployment Package (Windows 10 ARM64) - includes individual MSI files anyconnect-win-arm64-4.9.04053-predeploy-k9.zip	30-Nov-2020	28.84 MB	<u>+</u> \;
AnyConnect Headend Deployment Package (Windows 10 ARM6 anyconnect-win-arm64-4.9.04053-webdeploy-k9.pkg	i4) 30-Nov-2020	36.48 MB	<u>+</u> \;
Profile Editor (Windows) tools-anyconnect-win-4.9.04053-profileeditor-k9.msi	30-Nov-2020	10.61 MB	<u>+</u> \;
AnyConnect Installer Transforms (Windows) tools-anyconnect-win-4.9.04053-transforms.zip	30-Nov-2020	0.05 MB	± \;

Step 3. Unzip the AnyConnect files downloaded into different folders.

Step 3.1 The anyconnect-win-4.9.04053-predeploy-k9.zip file is unzipped on the next folder path: C:\Users\calo\Downloads\anyconnect-win-4.9.04053-predeploy-k9.

Ŧ	anyconnect-win-4.9.04053-p	1

2,544 KB 15,447 KB 4,728 KB 2,826 KB 3,207 KB

×

T I anycon	nect-win-4.9.04053-predepioy-k9		-	
File Home Sha	re View			
· → • ↑ 📑 • '	This PC > Downloads > anyconnect-win-4.9.04053-predeploy-k	ڻ × 9	Search anyconnect-	win-4.9.0
🖈 Quick access	Name	Date modified	Туре	Size
Carlo in	Profiles	5/3/2021 4:48 PM	File folder	
ConeDrive	Setup	5/3/2021 4:48 PM	File folder	
This PC	anyconnect-win-4.9.04053-amp-predeploy-k9	11/19/2020 4:21 AM	Windows Installer	2,544
Desktop	anyconnect-win-4.9.04053-core-vpn-predeploy-k9	11/19/2020 4:57 AM	Windows Installer	15,447
Documents	anyconnect-win-4.9.04053-dart-predeploy-k9	11/19/2020 4:58 AM	Windows Installer	4,728
Downloade	anyconnect-win-4.9.04053-gina-predeploy-k9	11/19/2020 4:58 AM	Windows Installer	2,826
- Downloads	anyconnect-win-4.9.04053-iseposture-predeploy-k9	11/19/2020 4:30 AM	Windows Installer	3,207
J Music	B anyconnect-win-4.9.04053-nam-predeploy-k9	11/19/2020 4:24 AM	Windows Installer	6,281
Dictures				

ar music	😼 anyconnect-win-4.9.04053-nam-predeploy-k9	11/19/2020 4:24 AM	Windows Installer	6,281 KB
Pictures	😼 anyconnect-win-4.9.04053-nvm-predeploy-k9	11/19/2020 4:50 AM	Windows Installer	6,768 KB
Videos	😽 anyconnect-win-4.9.04053-posture-predeploy-k9	11/19/2020 4:27 AM	Windows Installer	10,733 KB
🏪 Local Disk (C:)	😼 anyconnect-win-4.9.04053-umbrella-predeploy-k9	11/19/2020 4:53 AM	Windows Installer	3,928 KB
A Network	😼 anyconnect-win-4.9.04053-websecurity-predeploy-k9	11/19/2020 4:45 AM	Windows Installer	2,974 KB
Vietwork	install	5/15/2021 12:00 AM	Text Document	463 KB
🔩 Homegroup	🕥 Setup	11/19/2020 4:47 AM	Application	958 KB
	🛅 setup	11/19/2020 4:06 AM	HTML Application	22 KB

15 items

Step 3.2 The tools-anyconnect-win-4.9.04053-transforms.zipfile is unzipped on the next folder path: C:\Users\calo\Downloads\tools-anyconnect-win-4.9.04053-transforms.

- · · · [] / i	his PC > Downloads > tools-anyconnect-win-4.9.04053-transforms	~ Ö	Search tools-an	yconnect-win)
🕈 Quick access	Name	Date modified	Туре	Size
ConeDrive	_anyconnect-win-hide-addremove-display.mst	11/19/2020 5:03 A	M MST File	15
Children C	anyconnect-win-lockdown.mst	11/19/2020 5:03 A	M MST File	15
This PC	anyconnect-win-reboot-reallysuppress.mst	11/19/2020 5:03 A	M MST File	32
Desktop	anyconnect-win-disable-customer-experience-feedback.mst	11/19/2020 5:03 A	M MST File	32
Documents	anyconnect-win-enablefips.mst	11/19/2020 5:03 A	M MST File	15
	anyconnect-win-gui-desktop-shortcut.mst	11/19/2020 5:03 A	M MST File	32
Music	anyconnect-win-reset-adapter-mtu.mst	11/19/2020 5:03 A	M MST File	32
J) Music	anyconnect-win-strict-cert-policy.mst	11/19/2020 5:03 A	M MST File	15
Pictures	vpngina_anyconnect-win-reboot-reallysuppress.mst	11/19/2020 5:03 A	M MST File	32
Videos				
Local Disk (C:)				
Network				
Homegroup				

Step 4. Copy and paste the AnyConnect lockdown transforms file into the same folder as the AnyConnect MSI installer files. Step 4.1 From the tools-anyconnect-win-4.9.04053-transforms folder, copy the _anyconnect-win-lockdown.mst lockdown transforms file and pastes it into the anyconnect-win-4.9.04053-predeploy-k9 folder as follows.

📙 🛛 🛃 🗖 = 🗍 anyconne	act-win-4.9.04053-predeploy-k9	-	- 🗆 🗙
File Home Share	View		~ 😮
← → ~ ↑ 🔒 « Do	w > anyconnect-win-4.9.04053-predeploy-k9 v ♂	Search anyconne	ct-win-4.9.0 , p
📌 Quick access	Name	Date modified	Туре
	Profiles	5/3/2021 4:48 PM	File folder
ConeDrive	Setup	5/3/2021 4:48 PM	File folder
💻 This PC	anyconnect-win-lockdown.mst	11/19/2020 5:03 AM	MST File
Desktop	🔂 anyconnect-win-4.9.04053-amp-predeploy-k9	11/19/2020 4:21 AM	Windows Installer
🖶 Documents	🛃 anyconnect-win-4.9.04053-core-vpn-predeploy-k9	11/19/2020 4:57 AM	Windows Installer
	🛃 anyconnect-win-4.9.04053-dart-predeploy-k9	11/19/2020 4:58 AM	Windows Installer
Music	🛃 anyconnect-win-4.9.04053-gina-predeploy-k9	11/19/2020 4:58 AM	Windows Installer
	🛃 anyconnect-win-4.9.04053-iseposture-predeploy-k9	11/19/2020 4:30 AM	Windows Installer
Pictures	🛃 anyconnect-win-4.9.04053-nam-predeploy-k9	11/19/2020 4:24 AM	Windows Installer
📑 Videos	🙀 anyconnect-win-4.9.04053-nvm-predeploy-k9	11/19/2020 4:50 AM	Windows Installer
🏪 Local Disk (C:)	🙀 anyconnect-win-4.9.04053-posture-predeploy-k9	11/19/2020 4:27 AM	Windows Installer
A Network	🙀 anyconnect-win-4.9.04053-umbrella-predeploy-k9	11/19/2020 4:53 AM	Windows Installer
I HELMOIR	anyconnect-win-4.9.04053-websecurity-predeploy	11/19/2020 4:45 AM	Windows Installer
	install	5/14/2021 7:48 PM	Text Document
	🚯 Setup	11/19/2020 4:47 AM	Application
	🛅 setup	11/19/2020 4:06 AM	HTML Application
	٢		>
16 items 1 item selected	14.5 KB		
Step 5. CD into the folder path that Step 5.1 Open a Windows comma lockdown.mst lockdown transform	t has the MSI AnyConnect installation files. nd prompt terminal and cd into the folder path that has the MSI AnyConn ns file copied/pasted in the step above.	ect installation files and th	e _anyconnect-win-
This example cd into the next folde	ar path C:\Users\calo\Downloads\anyconnect-win-4.9.04053-predeplo	y-k9.	
Command Prompt	40.0.40506]		- U X
(c) 2015 Microsoft Corpora	10.0.10586j tion. All rights reserved.		
C:\Users\calo≻cd C:\Users\	calo\Downloads\anyconnect-win-4.9.04053-predeploy-k9		
C:\Users\calo\Downloads\an	vconnect-win-4.9.04053-predeplov-k9>		

Step 6. Install the AnyConnect modules with the lockdown transforms file.

Step 6.1 I nstall each of the AnyConnect modules required with the next MSI installer command that points to the AnyConnect .msi module file and the _anyconnect-win-lockdown.mst lockdown transforms file.

Note: The LOCKDOWN value setup as "1", enables the lockdown feature for the AnyConnect module to install.

Note: Cisco recommends that you use the sample transforms file provided to set this property, apply the transform to each MSI installer for each module you want to be locked down. You can download the sample transforms from the Cisco AnyConnect Secure Mobility Client software download page.

Note: If you deploy the core client plus one or more optional modules, you must apply the LOCKDOWN property to each of the installers. This operation is one way only and cannot be removed unless you re-install the product.

Step 6.2 This example installs the AnyConnect **CORE & VPN** module and the _anyconnect-win-lockdown.mst lockdown transforms file, both match the files for the AnyConnect version 4.9.04053.

msiexec -i anyconnect-win-4.9.04053-core-vpn-predeploy-k9.msi TRANSFORMS=_anyconnect-win-



😸 Cisco AnyConnect Secure Mobility Clie	nt Setup		×			
End-User License Agreement			1 miles			
Please read the following license agreeme	ent carefully		to the			
Supplemental End Us for AnyConnect® Sec and other VPN-	er Licens ure Mobi related S	se Agreen lity Client oftware	nent v4.x			
IMPORTANT: READ CAREFU	ILLY					
This Supplemental End User License Agreement ("SEULA") contains additional terms and conditions for the Software Product licensed under the						
• I accept the terms in the License Agree	ement					
○ I do not accept the terms in the Licens	e Agreement					
Advanced Installer						
	< Back	Next >	Cancel			
😸 Cisco AnyConnect Secure Mobility Clier	nt Setup		×			
Ready to Install			6.0			
The Setup Wizard is ready to begin the Ty	pical installation		1000			
Click "Install" to begin the installation. If y installation settings, click "Back". Click "Ca	you want to revie	w or change any o	of your			
Advanced Installer						
	< Back	💡 Install	Cancel			

😸 Cisco AnyConnect Secure Mobility Client Setup



×

 \times

Step 6.3 This example installs the AnyConnect Umbrella Roaming Security module and the _anyconnect-win-lockdown.mst lockdown transforms file, both match the files for the AnyConnect version 4.9.04053.

msiexec -i anyconnect-win-4.9.04053-umbrella-predeploy-k9.msi TRANSFORMS=_anyconnect-winlockdown.mst LOCKDOWN=1 -lvx* install.log

Command Prompt

Microsoft Windows [Version 10.0.10586]
(c) 2015 Microsoft Corporation. All rights reserved.
C:\Users\calo>cd C:\Users\calo\Downloads\anyconnect-win-4.9.04053-predeploy-k9
C:\Users\calo\Downloads\anyconnect-win-4.9.04053-predeploy-k9>msiexec -i anyconnect-win-4.9.04053-umbrella-predeploy-k9.
msi TRANSFORMS__anyconnect-win-lockdown.mst LOCKDOWN+1 -lvx* install.log_

Lockdown option from the AnyConnect pre-deployment package installation wizard.

Configuration Steps

Step 1. Download the Anyconnect pre-deployment package file for Windows.

Step 1.1 Navigate to the Cisco software download page and download the AnyConnect version to install on the Windows machine.

For this example, download the Windows AnyConnect pre-deployment package that includes the individual MSI files for version 4.9.04053 (anyconnect-win-4.9.04053-predeploy-k9.zip).

cisco	Products & Services	Support	How to Buy Training	& Events	Partners		(Q 🖓 Đ 🕻	0
Softw	vare Down	load							
Downloads Hor	me / Security / VPN and En	dpoint Sec	urity Clients / Cisco VPN Clients /	AnyConnect S	ecure Mobility Client / AnyCon	nect Secure Mobility Clie	nt v4.x / AnyConnect VPN	Client Software- 4.9	9.04053
Q Search			AnyConnect S	Secure	Mobility Client	v4.x			
Ex Latest Relea	ase	~	Release 4.9.04053 ★★★☆☆(1) Write ⊕ My Notifications	Read review	/5	Related Links an AnyConnect Ordering (Release Notes for 4.9.0 Licensing FAQ	d Documentation Guide 04053		
4.10.000 4.9.0603 All Release	37	~	AnyConnect 4.9 is availa options. Software Downle	ble to custome bad problems?	rs with active AnyConnect Apex	, Plus or VPN Only term/	contracts. See the AnyConr	nect Ordering Guide	for
Translati	ions	>	File Information			Deleses Data	01		
ISECom	plianceModule	>	AnyConnect Pre-Deploymer anyconnect-linux64-4.9.04053-	nt Package (L predeploy-k9.t	inux 64-bit) ear.gz	30-Nov-2020	25.19 MB	4	<u>ب</u>
Hostscar	n	>	Application Programming Int anyconnect-linux64-4.9.04053-	erface [API] vpnapi.tar.gz	(Linux 64-bit) 🗎	30-Nov-2020	6.61 MB	4	± ₩
Android		>	AnyConnect Headend Deplo anyconnect-linux64-4.9.04053-	yment Packa webdeploy-k9	ge (Linux 64-bit) <u></u> .pkg	30-Nov-2020	34.49 MB	4	<u>+</u>
NVM		>	AnyConnect Pre-Deploymer anyconnect-macos-4.9.04053-	nt Package (N predeploy-k9.d	fac OS) <u>⊜</u> Img	30-Nov-2020	41.44 MB	4	ŧ ₩
4.9	6037	~	Application Programming Int anyconnect-macos-4.9.04053-	erface [API] /pnapi.tar.gz	(Mac OS)	30-Nov-2020	33.62 MB	4	Ϋ́
4.9.0	5042		AnyConnect Headend Deplo	yment Packa	ge (Mac OS)	30-Nov-2020	57.16 MB	4	± ₩
4.9.0	4053		Language localization transfe anyconnect-win-4.9.04053-con	orm Pre-Depl e-vpn-lang-pre	loyment (Windows) edeploy-k9.zip	30-Nov-2020	0.64 MB	4	± ∵
			Language localization transfer anyconnect-win-4.9.04053-core	orm Headend e-vpn-lang-we	l Deployment (Windows) 🖷 bdeploy-k9.zip	30-Nov-2020	0.65 MB	4	Ł ₩
			AnyConnect Pre-Deploymer individual MSI files	nt Package (V	Vindows) - includes	30-Nov-2020	59.62 MB	٩	<u>•</u>

Step 2. Open the AnyConnect setup file.

Step 2.1 Unzip the anyconnect-win-4.9.04053-pre-deploy-k9.zip file downloaded and open it.

anyconnect-win-4.9.04053-predeploy-k9.zip

Step 2.2 Then double-click on the AnyConnect setup file.

→ * ↑ -> T	his PC > Downloads > anyconnect-win-4.9.04053-predeploy-ks	ڻ ~ ٿ	Search anyconnect-	win-4.9.0
Quick access	Name	Date modified	Туре	Size
O Dia	Profiles	5/3/2021 4:48 PM	File folder	
OneDrive	Setup	5/3/2021 4:48 PM	File folder	
This PC	😼 anyconnect-win-4.9.04053-amp-predeploy-k9	11/19/2020 4:21 AM	Windows Installer	2,544)
Desktop	😼 anyconnect-win-4.9.04053-core-vpn-predeploy-k9	11/19/2020 4:57 AM	Windows Installer	15,447 1
Documents	😽 anyconnect-win-4.9.04053-dart-predeploy-k9	11/19/2020 4:58 AM	Windows Installer	4,7281
	😼 anyconnect-win-4.9.04053-gina-predeploy-k9	11/19/2020 4:58 AM	Windows Installer	2,826
Music	🛃 anyconnect-win-4.9.04053-iseposture-predeploy-k9	11/19/2020 4:30 AM	Windows Installer	3,2071
	😼 anyconnect-win-4.9.04053-nam-predeploy-k9	11/19/2020 4:24 AM	Windows Installer	6,281
Pictures	🛃 anyconnect-win-4.9.04053-nvm-predeploy-k9	11/19/2020 4:50 AM	Windows Installer	6,768
Videos	😼 anyconnect-win-4.9.04053-posture-predeploy-k9	11/19/2020 4:27 AM	Windows Installer	10,733
🏪 Local Disk (C:)	😼 anyconnect-win-4.9.04053-umbrella-predeploy-k9	11/19/2020 4:53 AM	Windows Installer	3,928
Network	anyconnect-win-4.9.04053-websecurity-predeploy-k9	11/19/2020 4:45 AM	Windows Installer	2,974
P INELWORK	install	5/15/2021 12:00 AM	Text Document	463
Homegroup	Setup -	11/19/2020 4:47 AM	Application	958
	setup	11/19/2020 4:06 AM	HTML Application	221

15 items

Step 3. Work with the AnyConnect installation wizard.

Step 3.1 Select the AnyConnect modules you would like to install from the options displayed.

For this example, select the AnyConnect CORE & VPN and the Umbrella Roaming Security modules.

Select the AnyConnect 4.9.04053 modules you wish to install:
Core & VPN
Start Before Login
Network Access Manager
VPN Posture (Hostscan)
■ AMP Enabler
Network Visibility Module
Cloud Web Security
Umbrella Roaming Security
□ ISE Posture
Select All
Diagnostic And Reporting Tool
Lock Down Component Services
Install Selected

Step 4. Enable the AnyConnect lockdown feature.

Step 4.1 In order to enable the lockdown feature for both the CORE & VPN and the Umbrella Roaming Security modules, select the Lock Down Component Services option and proceed with the installation.



Step 5. Confirm the installation of the AnyConnect modules.

Step 5.1 The installation of the AnyConnect modules is completed at 100% once the next message is displayed.



Configure Hide AnyConnect from the Add/Remove Program List

MSI installers from the Windows command prompt terminal.

Configuration Steps

Step 1. Download the AnyConnect pre-deployment package file for Windows.

Step 1.1 Navigate to the Cisco software download page and download the AnyConnect version to install on the Windows machine.

For this example, download the Windows AnyConnect pre-deployment package that includes the individual MSI files for version 4.9.04053 (anyconnect-win-4.9.04053-predeploy-k9.zip).



& Events Partners

Software Download

Downloads Home / Security / VPN and Endpoint Security Clients / Cisco VPN Clients / AnyConnect Secure Mobility Client / AnyConnect Secure Mobility Client v4.x / AnyConnect VPN Client Software- 4.9.04053

Q Search	\supset	AnyConnect Secure Mobility Client	v4.x		
Expand All Collapse All Latest Release 4.10.00093	~	Release 4.9.04053 ★★★☆☆ (1) Write ≙ Read reviews ♣ My Notifications	Related Links an AnyConnect Ordering (Release Notes for 4.9.0 Licensing FAQ	d Documentation ^{Guide} J4053	
4.9.06037					0.11.6
All Release	~	AnyConnect 4.9 is available to customers with active AnyConnect Aper options. Software Download problems?	x, Plus or VPN Only term/	contracts. See the AnyConnect Ordering	Guide for
Translations	>	File Information	Release Date	Size	
ISEComplianceModule AppSelector-2.0	>	AnyConnect Pre-Deployment Package (Linux 64-bit) anyconnect-linux64-4.9.04053-predeploy-k9.tar.gz	30-Nov-2020	25.19 MB	<u>+</u> \:
Hostscan	>	Application Programming Interface [API] (Linux 64-bit) anyconnect-linux64-4.9.04053-vpnapi.tar.gz	30-Nov-2020	6.61 MB	±₩
Android 4.10	>	AnyConnect Headend Deployment Package (Linux 64-bit) anyconnect-linux64-4.9.04053-webdeploy-k9.pkg	30-Nov-2020	34.49 MB	± ₩
NVM	>	AnyConnect Pre-Deployment Package (Mac OS) anyconnect-macos-4.9.04053-predeploy-k9.dmg	30-Nov-2020	41.44 MB	\pm \because
4.9 4.9.06037	~	Application Programming Interface [API] (Mac OS) anyconnect-macos-4.9.04053-vpnapi.tar.gz	30-Nov-2020	33.62 MB	<u>+</u> \;
4.9.05042		AnyConnect Headend Deployment Package (Mac OS) 🗎 anyconnect-macos-4.9.04053-webdeploy-k9.pkg	30-Nov-2020	57.16 MB	\pm \because
4.9.04053		Language localization transform Pre-Deployment (Windows) 🛞 anyconnect-win-4.9.04053-core-vpn-lang-predeploy-k9.zip	30-Nov-2020	0.64 MB	<u>+</u> \;
		Language localization transform Headend Deployment (Windows) anyconnect-win-4.9.04053-core-vpn-lang-webdeploy-k9.zip	30-Nov-2020	0.65 MB	<u>+</u> \;
		AnyConnect Pre-Deployment Package (Windows) - includes individual MSI files anyconnect-win-4.9.04053-predeploy-k9.zip	30-Nov-2020	59.62 MB	<u>+</u> \;

Step 2. Download the AnyConnect installer transforms file for Windows.

Step 2.1 Navigate to the Cisco software download page and download the AnyConnect Installer Transforms file for Windows that matches the same AnyConnect version to install in the windows machine.

For this example, download the transforms file for the AnyConnect version 4.9.04053 (tools-anyconnect-win-4.9.04053-transforms.zip).

Expand All Collapse All

 \sim

 \sim

> >

> >

>

>

>

Latest Release

4.10.00093

4.9.06037 All Release Translations ISEComplianceModule AppSelector-2.0 Hostscan Android 4.10 NVM 4.9 4.9.06037 4.9.05042 4.9.04053

Release 4.9.04053 \bigstar A My Notifications

Related Links and Documentation AnyConnect Ordering Guide Release Notes for 4.9.04053 Licensing FAQ

File Information	Release Date	Size	
AnyConnect Pre-Deployment Package (Linux 64-bit) anyconnect-linux64-4.9.04053-predeploy-k9.tar.gz	30-Nov-2020	25.19 MB	<u>+</u> \;
Application Programming Interface [API] (Linux 64-bit) anyconnect-linux64-4.9.04053-vpnapi.tar.gz	30-Nov-2020	6.61 MB	<u>+</u> \;
AnyConnect Headend Deployment Package (Linux 64-bit) anyconnect-linux64-4.9.04053-webdeploy-k9.pkg	30-Nov-2020	34.49 MB	<u>+</u> \;
AnyConnect Pre-Deployment Package (Mac OS) anyconnect-macos-4.9.04053-predeploy-k9.dmg	30-Nov-2020	41.44 MB	<u>+</u> \;
Application Programming Interface [API] (Mac OS) anyconnect-macos-4.9.04053-vpnapi.tar.gz	30-Nov-2020	33.62 MB	<u>+</u>
AnyConnect Headend Deployment Package (Mac OS) anyconnect-macos-4.9.04053-webdeploy-k9.pkg	30-Nov-2020	57.16 MB	<u>+</u> \;
Language localization transform Pre-Deployment (Windows) anyconnect-win-4.9.04053-core-vpn-lang-predeploy-k9.zip	30-Nov-2020	0.64 MB	<u>+</u> \;
Language localization transform Headend Deployment (Windows) anyconnect-win-4.9.04053-core-vpn-lang-webdeploy-k9.zip	30-Nov-2020	0.65 MB	<u>+</u>
AnyConnect Pre-Deployment Package (Windows) - includes ndividual MSI files anyconnect-win-4.9.04053-predeploy-k9.zip	30-Nov-2020	59.62 MB	<u>+</u> \;
Application Programming Interface [API] (Windows) 🗃 anyconnect-win-4.9.04053-vpnapi.zip	30-Nov-2020	141.06 MB	<u>+</u> \;
AnyConnect Headend Deployment Package (Windows) 🗃 anyconnect-win-4.9.04053-webdeploy-k9.pkg	30-Nov-2020	67.32 MB	<u>+</u> \;
AnyConnect Pre-Deployment Package (Windows 10 ARM64) - includes individual MSI files anyconnect-win-arm64-4.9.04053-predeploy-k9.zip	30-Nov-2020	28.84 MB	<u>+</u> \;
AnyConnect Headend Deployment Package (Windows 10 ARM64) anyconnect-win-arm64-4.9.04053-webdeploy-k9.pkg	30-Nov-2020	36.48 MB	<u>+</u> \;
Profile Editor (Windows) @	30-Nov-2020	10.61 MB	<u>+</u> \;

Step 3. Unzip the AnyConnect files downloaded into different folders.

Step 3.1 The anyconnect-win-4.9.04053-predeploy-k9.zip file is unzipped on the next folder path: C:\Users\calo\Downloads\anyconnect-win-4.9.04053predeploy-k9.

🗸	-	anyconnect-win-4.9.04053-predeploy-k9
---	---	---------------------------------------

_	
 _	

×

8==

→ * ↑ -> T	his PC > Downloads > anyconnect-win-4.9.04053-predeploy-ks		5	Search anyconnect-	win-4.9.0 🔎
📌 Quick access	Name	Date modified		Туре	Size
Car Drive	Profiles	5/3/2021 4:48 PM		File folder	
	Setup	5/3/2021 4:48 PM		File folder	
This PC	😼 anyconnect-win-4.9.04053-amp-predeploy-k9	11/19/2020 4:21 A	M	Windows Installer	2,544 KB
Desktop	时 anyconnect-win-4.9.04053-core-vpn-predeploy-k9	11/19/2020 4:57 A	M	Windows Installer	15,447 KB
Documents	🛃 anyconnect-win-4.9.04053-dart-predeploy-k9	11/19/2020 4:58 A	M	Windows Installer	4,728 KB
	🛃 anyconnect-win-4.9.04053-gina-predeploy-k9	11/19/2020 4:58 A	M	Windows Installer	2,826 KB
- Dowinoads	🛃 anyconnect-win-4.9.04053-iseposture-predeploy-k9	11/19/2020 4:30 A	M	Windows Installer	3,207 KB
J Music	😼 anyconnect-win-4.9.04053-nam-predeploy-k9	11/19/2020 4:24 A	M	Windows Installer	6,281 KB
Pictures	😼 anyconnect-win-4.9.04053-nvm-predeploy-k9	11/19/2020 4:50 A	M	Windows Installer	6,768 KB
Videos	😼 anyconnect-win-4.9.04053-posture-predeploy-k9	11/19/2020 4:27 A	M	Windows Installer	10,733 KB
🏪 Local Disk (C:)	😼 anyconnect-win-4.9.04053-umbrella-predeploy-k9	11/19/2020 4:53 A	M	Windows Installer	3,928 KB
A Mahurada	😼 anyconnect-win-4.9.04053-websecurity-predeploy-k9	11/19/2020 4:45 A	M	Windows Installer	2,974 KB
- Network	install	5/15/2021 12:00 A	M	Text Document	463 KB
Homegroup	🚯 Setup	11/19/2020 4:47 A	M	Application	958 KB
	setup	11/19/2020 4:06 A	M	HTML Application	22 KB

15 items

Step 3.2 The tools-anyconnect-win-4.9.04053-transforms.zipfile is unzipped on the next folder path: C:\Users\calo\Downloads\tools-anyconnect-win-4.9.04053-transforms.

	This PC > Downloads > tools-anyconnect-win-4.9.04053-transforms	~ Ö	Search tools-an	yconnect-win ,0
 Quick access OneDrive This PC Desktop Documents Downloads Music Pictures 	Name	Date modified 11/19/2020 5:03 AM 11/19/2020 5:03 AM	Type MST File MST File MST File MST File MST File MST File MST File MST File MST File	Size 15 KB 15 KB 32 KB 32 KB 32 KB 32 KB 32 KB 32 KB 32 KB 32 KB 32 KB
Videos Local Disk (C:) Vetwork Gitems	<			

9 items

Step 4. Copy and paste the AnyConnect hide-addremove transforms file into the same folder as the AnyConnect MSI installer files. Step 4.1 From the tools-anyconnect-win-4.9.04053-transforms folder, copy the _anyconnect-win-hide-addremove-display.mst transforms file and pastes it into the anyconnect-win-4.9.04053-predeploy-k9 folder as follows.

📙 🛃 📕 🖛 anyconne	ect-win-4.9.04053-predeploy-k9	-	
File Home Share	View		~ 🕐
← → ~ ↑ 📙 « Do	w > anyconnect-win-4.9.04053-predeploy-k9 v 💍	Search anyconnect-wir	n-4.9.0 , P
📌 Quick access	Name	Date modified	Туре
	Profiles	5/3/2021 4:48 PM	File folder
a OneDrive	Setup	5/3/2021 4:48 PM	File folder
💻 This PC	anyconnect-win-hide-addremove-display.mst	11/19/2020 5:03 AM	MST File
Desktop	🔂 anyconnect-win-4.9.04053-amp-predeploy-k9	11/19/2020 4:21 AM	Windows Insta
Documents	😼 anyconnect-win-4.9.04053-core-vpn-predeploy-k9	11/19/2020 4:57 AM	Windows Insta
	😼 anyconnect-win-4.9.04053-dart-predeploy-k9	11/19/2020 4:58 AM	Windows Insta
Music	뤗 anyconnect-win-4.9.04053-gina-predeploy-k9	11/19/2020 4:58 AM	Windows Insta
	뤗 anyconnect-win-4.9.04053-iseposture-predeploy-k9	11/19/2020 4:30 AM	Windows Insta
Pictures	뤗 anyconnect-win-4.9.04053-nam-predeploy-k9	11/19/2020 4:24 AM	Windows Insta
Videos	🛃 anyconnect-win-4.9.04053-nvm-predeploy-k9	11/19/2020 4:50 AM	Windows Insta
🏪 Local Disk (C:)	뤗 anyconnect-win-4.9.04053-posture-predeploy-k9	11/19/2020 4:27 AM	Windows Insta
A Network	뤍 anyconnect-win-4.9.04053-umbrella-predeploy-k9	11/19/2020 4:53 AM	Windows Insta
- INELWOIK	anyconnect-win-4.9.04053-websecurity-predeploy-k9	11/19/2020 4:45 AM	Windows Insta
	install	5/14/2021 11:06 PM	Text Documer
	🚯 Setup	11/19/2020 4:47 AM	Application
	📩 setup	11/19/2020 4:06 AM	HTML Applica
	<		>
16 items 1 item selected	14.5 KB		
Step 5. CD into the folder path that Step 5.1 Open a Windows commar	has the MSI AnyConnect installation files. Ind prompt terminal and cd into the folder path that has the MSI AnyConnect	installation files and the any	connect-win-
hide-addremove-display.mst tran	sforms file copied/pasted in the step above.	·	
This example cd into the next loide	r path C:\Users\calo\Downloads\anyconnect-win-4.9.04053-predepioy-k	.9.	- п ×
Microsoft Windows [Version	10.0.10586]		
(c) 2015 Microsoft Corporat	ion. All rights reserved.		
C:\Users\calo>cd C:\Users\c	alo\Downloads\anyconnect-win-4.9.04053-predeploy-k9		
C:\Users\calo\Downloads\any	<pre>connect-win-4.9.04053-predeploy-k9></pre>		

Step 6. Install the AnyConnect modules with the hide-addremove transforms file.

Step 6.1 I nstall each of the AnyConnect modules required with the next MSI installer command that points to the AnyConnect .msi module file and the _anyconnect-win-hide-addremove-display.mst transforms file.

Note: The ARPSYSTEMCOMPONENT value setup as "1", enables the Hide AnyConnect from the Add/Remove Program List feature for the AnyConnect module to install.

Note: Cisco recommends that you use the sample transforms file provided to set this property, apply the transform to each MSI installer for each module that you want to hide. You can download the sample transforms from the Cisco AnyConnect Secure Mobility Client software download page.

Note: If you deploy the core client plus one or more optional modules, you must apply the HIDE-AnyConnect property to each of the installers. This operation is one way only and cannot be removed unless you re-install the product.

Step 6.2 This example installs the AnyConnect CORE & VPN module and the anyconnect-win-hide-addremove-display.mst transforms file, both match the files for the AnyConnect version 4.9.04053.



B Cisco AnyConnect Secure Mobility Client Setup





Version 4.9.04053 © Copyright 2004 - 2020 Cisco Systems, Inc. All Rights Reserved Cisco, the Cisco Logo, Cisco AnyConnect, AnyConnect and the AnyConnect logo are registered trademarks or trademarks of Cisco and/or its affiliates in the United States and certain other countries.	9		
Installed Modules: VPN, Customer Experience Feedback This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit: https://www.openssl.org This product includes cryptographic software written by Eric Young (eay@cryptsoft.com) This product includes software written by Tm Hudson (th@cryptsoft.com) This product incorporates the libcurl HTTP library: Copyright (c) 1996 - 2019, Daniel Stenberg, (daniel@haxx.se). End User License Agreement Cisco Online Privacy Statement and the AnyConnect Supplement	 cisco	Cisco AnyConnect Secure Mobility Client −	- x
TTY shark		VPIE Verify your network connection. 10.3.3.2 VIII No Network Connectivity	Connect -thate-

Step 6.3 This example installs the AnyConnect Umbrella Roaming Security module and the _anyconnect-win-hide-addremove-display.mst transforms file, both match the files for the AnyConnect version 4.9.04053.

msiexec -i anyconnect-win-4.9.04053-umbrella-predeploy-k9.msi TRANSFORMS=_anyconnect-win-hideaddremove-display.mst ARPSYSTEMCOMPONENT=1 -lvx* install.log

Command Prompt		-		×
Microsoft Windows [Version 10.0.10586] (c) 2015 Microsoft Corporation. All rights reserved.				
C:\Users\calo>cd C:\Users\calo\Downloads\anyconnect-win-4.9.04053-predeploy-k9				
C:\Users\calo\Downloads\anyconnect-win-4.9.04053-predeploy-k9>msiexec -i anyconnect-win-4.9.04053 nsi TRANSFORMS=_anyconnect-win-hide-addremove-display.mst ARPSYSTEMCOMPONENT=1 -lvx* install.log_	-umbrella	ı-prede	ploy-k	9.
Sisco AnyConnect Secure Mobility Client − □ >	<			
VPN: Ready to connect. 10.3.3.2 V Connect				
Roaming Security: Umbrella is inactive. Profile is missing.				

Configure AnyConnect Lockdown and the Hide AnyConnect from the Add/Remove Program List with ASDM

This procedure applies just to AnyConnect web deployment updates. This example considers an AnyConnect web deployment update from version 4.9.04053 to 4.9.0.6037.

Configuration Steps

Step 1. Confirm the AnyConnect version that runs on the Windows machine.

Step 1.1 The Windows machine in this example has the AnyConnect version 4.9.04053 already installed for both the Core & VPN and the Umbrella Roaming Security modules.



Step 2. Download the AnyConnect headend deployment package file for Windows.

Step 2.1 Navigate to the Cisco software download page and download the AnyConnect headend deployment package file version to install on the Windows machine for the web deployment update.

For this example, download the Windows AnyConnect headend deployment package version 4.9.06037 (anyconnect-win-4.9.06037-webdeploy-k9.pkg).

How to Buy

Partners Employees

CHRISTIAN HERNANDEZ RESENDIZ Q 👷 🧿 🕤 🕄

Software Download

Downloads Home / Security / VPN and Endpoint Security Clients / Cisco VPN Clients / AnyConnect Secure Mobility Client / AnyConnect Secure Mobility Client v4.x / AnyConnect VPN Client Software- 4.9.06037

AnyConnect Secure Mobility Client v4.x Q Search. Release 4.9.06037 Related Links and Documentation Expand All Collapse All AnyConnect Ordering Guide Release Notes for 4.9.06037 🛨 🚖 습 습 습 (25) Read reviews Latest Release A My Notifications Licensing FAQ 4.10.00093 4.9.06037 AnyConnect 4.9 is available to customers with active AnyConnect Apex, Plus or VPN Only term/contracts. See the AnyConnect Ordering Guide for All Release options, Software Download problems? Translations > Release Date File Information Size ISEComplianceModule > AnyConnect Pre-Deployment Package (Linux 64-bit) ± 👾 🖿 26.18 MB 05-Feb-2021 anyconnect-linux64-4.9.06037-predeploy-k9.tar.gz AppSelector-2.0 > Application Programming Interface [API] (Linux 64-bit) 05-Feb-2021 6.84 MB + 👾 🖿 > Hostscan anyconnect-linux64-4.9.06037-vpnapi.tar.gz Android > AnyConnect Headend Deployment Package (Linux 64-bit) 05-Feb-2021 35.58 MB ± 👾 🖿 anyconnect-linux64-4.9.06037-webdeploy-k9.pk > 4.10 AnyConnect Pre-Deployment Package (Mac OS) 42.32 MB 05-Feb-2021 + \: 🖬 NVM > os-4.9.06037-predeploy -k9.dmg Application Programming Interface [API] (Mac OS) 05-Feb-2021 34.49 MB 4.9 ± ∵ ≞ connect-macos-4.9.06037-vpnapi.tar.g 4.9.06037 + 👾 🖿 AnyConnect Headend Deployment Package (Mac OS) 05-Feb-2021 58.21 MB connect-macos-4.9.06037-webdeploy-k9.pkg 4.9.05042 Language localization transform Pre-Deployment (Windows) 05-Feb-2021 0.63 MB <u>+ \.</u> 4.9.04053 anyconnect-win-4.9.06037-core-ypn-lang-predeploy-k9.zip Language localization transform Headend Deployment (Windows) 05-Feb-2021 0.63 MB ± ∵ ∎ nect-win-4.9.06037-core-vpn-lang-webdeplov-k9.zip AnyConnect Pre-Deployment Package (Windows) - includes 05-Feb-2021 65.80 MB <u>+</u> 👾 🖿 individual MSI files anyconnect-win-4.9.06037-predeploy-k9.zip 141.65 MB Application Programming Interface [API] (Windows) 05-Feb-2021 ± 👾 🖿 anyconnect-win-4.9.06037-vpnapi.zip AnyConnect Headend Deployment Package (Windows) 05-Feb-2021 76.37 MB ± 👾 🖿 anyconnect-win-4.9.06037-webdeploy-k9.pkg

Step 3. Download the AnyConnect installer transforms file for Windows.

Step 3.1 Navigate to the Cisco software download page and download the AnyConnect Installer transforms file for Windows that matches the same AnyConnect version to install in the windows machine.

For this example, download the transforms file for the AnyConnect version 4.9.06037 (tools-anyconnect-win-4.9.06037-transforms.zip).

All Release	~	AnyConnect 4.9 is available to customers with active AnyConnect Ape options. Software Download problems?	x, Plus or VPN Only term	/contracts. See the AnyConnect Or	dering Guide for
Translations	>	File Information	Release Date	Size	
ISEComplianceModule	>	AnyConnect Pre-Deployment Package (Linux 64-bit)	05-Feb-2021	26.18 MB	± 👾 🖿
AppSelector-2.0	>	anyconnect-linux64-4.9.06037-predeploy-k9.tar.gz	05 5 / 0004		1. N. J. IN
Hostscan	>	Application Programming Interface [API] (Linux 64–bit) anyconnect-linux64–4.9.06037-vpnapi.tar.gz	05-Feb-2021	6.84 MB	≚ ∵ ∎
Android	>	AnyConnect Headend Deployment Package (Linux 64-bit) anyconnect-linux64-4.9.06037-webdeploy-k9.pkg	05-Feb-2021	35.58 MB	±₩∎
4.10 NVM	>	AnyConnect Pre-Deployment Package (Mac OS) anyconnect-macos-4.9.06037-predeploy-k9.dmg	05-Feb-2021	42.32 MB	± ₩ 🖿
4.9	~	Application Programming Interface [API] (Mac OS) anyconnect-macos-4.9.06037-vpnapi.tar.gz	05-Feb-2021	34.49 MB	±∵
4.9.06037 4.9.05042		AnyConnect Headend Deployment Package (Mac OS) anyconnect-macos-4.9.06037-webdeploy-k9.pkg	05-Feb-2021	58.21 MB	±₩∎
4.9.04053		Language localization transform Pre-Deployment (Windows) anyconnect-win-4.9.06037-core-vpn-lang-predeploy-k9.zip	05-Feb-2021	0.63 MB	±₩∎
		Language localization transform Headend Deployment (Windows) anyconnect-win-4.9.06037-core-vpn-lang-webdeploy-k9.zip	05-Feb-2021	0.63 MB	±₩∎
		AnyConnect Pre-Deployment Package (Windows) - includes individual MSI files anyconnect-win-4.9.06037-predeploy-k9.zip	05-Feb-2021	65.80 MB	± ₩ 🖿
		Application Programming Interface [API] (Windows) anyconnect-win-4.9.06037-vpnapi.zip	05-Feb-2021	141.65 MB	± ₩ 🖿
		AnyConnect Headend Deployment Package (Windows) anyconnect-win-4.9.06037-webdeploy-k9.pkg	05-Feb-2021	76.37 MB	± ₩ 🖿
		AnyConnect Pre-Deployment Package (Windows 10 ARM64) - includes individual MSI files anyconnect-win-arm64-4.9.06037-predeploy-k9.zip	05-Feb-2021	34.13 MB	± ₩ ∎
		AnyConnect Headend Deployment Package (Windows 10 ARM64) anyconnect-win-arm64-4.9.06037-webdeploy-k9.pkg	05-Feb-2021	43.83 MB	± \: 🖬
NVM 4.9 4.9.06037 4.9.05042 4.9.04053		Profile Editor (Windows) tools-anyconnect-win-4.9.06037-profileeditor-k9.msi	05-Feb-2021	10.61 MB	± ₩ 🖿
		AnyConnect Installer Transforms (Windows) tools-anyconnect-win-4.9.06037-transforms.zip	05-Feb-2021	0.05 MB	± ₩ 🖿

Step 4. Unzip the AnyConnect transforms file downloaded.

4.9.06037

Step 4.1 T he tools-anyconnect-win-4.9.06037-transforms.zipfile is unzipped on the next folder path: C:\Users\calo\Downloads\tools-anyconnect-win-4.9.06037-transforms.

✓ = tools-anyconnect-win-4.9.06037-transforms

File Home Sha	are View			
$\leftarrow \rightarrow \cdot \uparrow $	This PC > Downloads > tools-anyconnect-win-4.9.06037-transforms			
🖈 Quick access	Name	Date modified	Туре	Size
On Drive	anyconnect-win-hide-addremove-display.mst	4/19/2021 6:06 PM	MST File	14 KB
	anyconnect-win-lockdown.mst	4/19/2021 6:06 PM	MST File	14 KB
💻 This PC	_anyconnect-win-reboot-reallysuppress.mst	4/19/2021 6:06 PM	MST File	32 KB
Desktop	anyconnect-win-disable-customer-experience-feedback.mst	4/19/2021 6:06 PM	MST File	32 KB
Documents	anyconnect-win-enablefips.mst	4/19/2021 6:06 PM	MST File	14 KB
- Downloads	anyconnect-win-gui-desktop-shortcut.mst	4/19/2021 6:06 PM	MST File	32 KB
- Dowindaus	anyconnect-win-reset-adapter-mtu.mst	4/19/2021 6:06 PM	MST File	32 KB
J Music	anyconnect-win-strict-cert-policy.mst	4/19/2021 6:06 PM	MST File	14 KB
Pictures	vpngina_anyconnect-win-reboot-reallysuppress.mst	4/19/2021 6:06 PM	MST File	32 KB

Step 5. Open the ASDM and connect to the ASA with your credentials.

Step 6. Transfer the AnyConnect headend deployment package from your PC to the ASA flash memory.

Step 6.1 Navigate to Tools > File Management > File Transfer > Between Local PC and Flash and transfer the AnyConnect headend deployment package version 4.9.06037 (anyconnect-win-4.9.06037-webdeploy-k9.pkg) to the ASA flash memory.

e View Tools Wizard	ls Window Help	Type topic to search
Home	Monitoring 🔲 Save 🔇 Refresh 🔇 Back 💭 Forward 🦻 Help	
Device List Bookmark		
vice List	File Transfer	/
Add 📋 Delete 🔊 C	Drag and drop files between your local computer and flash to upload or download them.	
G	Local Computer Disk(s)	
10.1.1.1	← Back → Fwd ← Up ◆ Refresh À New 1 Delete ← Back → Fwd ★ Up ◆	🔉 Refresh 强 New 📋 Delete
10.1.1.5	- Downloads	^
10.201.179.35	anyconnect-win-4.9.06037-predeploy-k9 B- a smart-log	
	Constant and a constant of the constant o	_
vice Management	tools-anyconnect-wini Status X	
Management Access		
ASDM/HTTPS/Tel		72043 UTC
HTTP Certificate I	mease wait while ASDM is uploading file to flash.	20430_UTC
E Command Line (C	manyconnect-win-4.9.0008	
🕀 🙀 File Access	anyconnect-win-4.9.0405	
ICMP	anyconnect-win-4.9.0405	
Management Inte		
Management Ses		30852_UTC
SNMP	anyconnect-win-4.9.06037 mediceproy resping	-11832_UTC
Lisensing		
Dicensing	Cisco_Firepower_Mgmt_Center_Patch-6.6.0.1-7.sh.R —FSCK0001.REC	
	Cisco_Firepower_Mgmt_Center_Patch-6.6.0.1-7.sh.R —FSCK0002.REC	
Device Setup	F Cisco_Pirepower_ingmt_center_upgrade-0.4.0-113.5i -FSCK0003.REC	
Firewall	Cisco_Firepower_Mgmt_Center_Opgrade=0.0.0-90.511	
3 riewaii	Contracting from Contracting transformed in 191.81	~
Remote Access VPN		
3	Close Help	

Step 7. Configure the transferred AnyConnect headend deployment package version for the web deployment update.

Step 7.1 Navigate to the ASDM Configuration > Remote Access VPN > Anyconnect Client Software and select the AnyConnect headend deployment package version 4.9.04053 installed.

Step 7.2 Then, select **Replace** and **Browse Flash** to replace the old AnyConnect headend deployment package version 4.9.04053 with the 4.9.06037 previously transferred to the flash memory.



🧧 Browse Flash			2	×
Folders	Files			
e-disk0:	FileName ^1	Size (bytes)	Date Modified]
	anyconnect-win-4.9.04	70,592,901	02/04/21 20:00:18	·
🗄 🗀 coredumpinfo	anyconnect-win-4.9.06	80,078,630	05/18/21 19:20:16	
🗄 🗀 snmp	asa9-12-2-smp-k8.bin	102,703,104	10/24/19 15:52:58	
	asa9-12-4-7-smp-k8.bin	102,813,696	11/18/20 10:49:20	
	asa9-13-1-12-smp-k8.bin	103,882,752	08/18/20 19:46:36	
	asa9-13-1-smp-k8.bin	103,827,456	08/18/20 19:24:38	
	asa9-14-1-19-smp-k8.bin	105,062,400	08/18/20 19:47:40	
	asa9-14-1-smp-k8.bin	105, 172, 992	08/18/20 19:47:10	
	asa9-14-2-13-smp-k8.bin	109,541,376	03/29/21 18:51:56	
	asa9101-smp-k8.bin	115,605,504	10/24/19 15:16:22	
	asa982-15-smp-k8.bin	108,840,960	11/18/20 11:04:44	
	asdm-7131-101.bin	34,030,612	08/18/20 19:17:58	
	asdm-7131.bin	34,033,084	08/18/20 19:17:36	
	asdm-7141-46.bin	35,743,132	08/18/20 19:18:30	
	asdm-7141-48.bin	35,744,052	08/18/20 19:18:42	
	ander 7141 bis	05 741 400	09/19/20 10:19:14	<u> </u>
File Name:	anyconnect-win-4.9.06037-we	bdeploy-k9.pkg		
	OK Cancel	Refresh		
Step 7.3 Apply the configuration changes a	nd Send them to the ASA.			
Cisco ASDM 7.14(1) for ASA - 10.1.1.2			- C	×
Here View Tools Wizards Window Help	Refresh C Back (Forward 2 Help			0
Device List Bookmarks	Configuration > Remote Access VPN > Network (Clien	it) Access > AnyConnect Client Sof	tware	
Device List □ □ ↓ × Add	AnyConnect Client Images	the Cisco Web using the search string 'A	nvConnect VPN Client'. The regular expression is used	to
Go	match the user-agent of a browser to an image. You can also minimize connection setup time by moving the i	mage used by the most commonly encou	ntered operation system to the top of the list.	
10.1.1.1 10.1.1.2 10.1.1.5	💠 Add 📝 Replace 📋 Delete 🛧 🎸			
Remote Access VPN	Image	Regular ex	pression to match user-agent	
Network (Client) Access	diskU:/anyconnect-win-4.9.06037-webdeploy-k9.pkg			
AnyConnect Connection Profiles				
AnyConnect Client Profile				
Group Policies IPsec(IKEv1) Connection Profiles				
Device Setup				
Firewall				
Remote Access VPN				
Site-to-Site VPN				
Jevice management *********************************		Apply Reset		

Preview CLI Commands				×
The following CLI commands a click Send. To not send the co	re generated based on the mmands and continue makir	changes you made in ASDM. ng changes in ASDM, dick Car	To send the commands to neel.	the ASA,
webvpn no anyconnect image dis anyconnect image disk0:	k0:/anyconnect-win-4.9.04	1053-webdeploy-k9.pkg 1 7-webdeploy-k9.pkg 1		
Step 8. Import the AnyConnect sample Step 8.1 Navigate to the ASDM Config files required. Step 8.2 Import the AnyConnect versior VPN and the Umbrella Roaming Secu Enter the values as follows: Name: _anyconnect-lockdown Platform: win	Send transforms files. uration > Remote Access VPN > 1 4.9.06037 _anyconnect-win-loc rity modules.	Cancel Save To F Customized Installer Transforms kdown.mst sample transforms file	ie s > Import and import the sample to enable the lockdown for both, t	transforms he CORE &
Select a file - Local computer: C:\Users	\calo\Downloads\tools-anyconn	lect-win-4.9.06037-transforms_an	iyconnect-win-lockdown.mst —	
File View Tools Wizards Window Help			Type topic to search Go	ahaha
Home 🗞 Configuration 🔯 Monitoring	Save 💽 Refresh 💽 Back 🔘 Forward	Help		cisco
Device List Bookmarks	Configuration > Remote Access VPN Transforms	I > Network (Client) Access > AnyConnect Cu	stomization/Localization > Customized In	staller 🛛
Add Delete Connect	This nanel lists the AnvConnect-customi	zation binary every table modules and scripts on the	device. These objects will be served by the ASA	on request from
Find: Go IO.1.1.1 IO.1.1.2 IO.1.1.2 IO.1.1.5 IO.1.1.79.35 IO.1.1.79.35 Remote Access VPN IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	 Import AnyConnect Customization Ob Name:anyconnect-lockdown Platform: win Select a file © Local computer Path: C:\Users\calo\C O Flash file system Path: Remote server Path ftp:// Import Now 	Downloads\tools-anyconne Browse Local Files Browse Flash Cancel Help	× left side navigation tree.	
	» •	Apply Reset		

Import AnyConnect Customization Objects	\times
Name:anyconnect_lockdown	
Platform: win 🗸	
Select Information	×
Entry _anyconnect_lockdown has been successfully imported.	
ОК	
Path ftp 🗸 ://	
Import Now Cancel Help	

Note: The AnyConnect _anyconnect-win-lockdown.mst sample transforms file works for whatever AnyConnect module required.

Step 8.3 Import the AnyConnect version 4.9.06037 _anyconnect-win-hide-addremove-display.mst sample transforms file to enable the hide from the add/remove program list for both, the CORE & VPN and the Umbrella Roaming Security modules.

Enter the values as follows: Name: _anyconnect-hideaddremove

Platform: win

Select a file: C:\Users\calo\Downloads\tools-anyconnect-win-4.9.06037-transforms_anyconnect-win-hide-addremove-display.mst

Tisco ASDM 7.14(1) for ASA - 10.1.1.2

Cisco ASDM 7.14(1) for ASA - 10.1.1.2		-	\Box \times
File View Tools Wizards Window Help		Type topic to search Go	ahaha
Home 🍪 Configuration 🔯 Monitoring	ave 🔇 Refresh 🔇 Back 🔘 Forward 🦻 Help		cisco
Device List Bookmarks	Configuration > Remote Access VPN > Network (Client) Access > AnyConnect Customiz	zation/Localization > Customized Ins	taller 🗆
Device List			
🗣 Add 🗻 Delete 🚿 Connect Find: Go	This papel lists the AnyConnect-customization binary executable modules and scripts on the device.	These objects will be served by the ASA of keft side navigation tree.	n request from
■ 10.1.1.1 10.1.1.2 ■ 10.1.1.5 ■ 10.201.179.35	Name: _anyconnect-hideaddremov Platform: win		
Remote Access VPN	Select a file	-	
AnyConnect Connection Profiles AnyConnect Customization/Localization B Resources B Binary B Script G GUI Text and Messages G Customized Installer Transforms Customized Installer Transform Cus	C:\Users\calo\Downloads\tools-anyconne Browse Local Files Flash file system Path:		
Device Setup	Path ftp 🧹 ://		
Firewall	Import Now Cancel Help		
Remote Access VPN			
Site-to-Site VPN			
Device Management			
	» Apply Reset		

🔄 Import	AnyConnect Customization Objects	\times
Name:	anyconnect-hideaddremove	
Platform:	win 🗸	
Sele 🔁 Ir	formation	×
	Entry _anyconnect-hideaddremove has been successfully imported.	
Path	ftp :// Import Now Cancel Help	

Note: The _anyconnect-win-hide-addremove-display.mst sample transforms file works for whatever AnyConnect module required.

Step 8.4 Save the configuration changes and Send them to the ASA.

Cisco ASDM 7.14(1) for ASA - 10.1.1.2			-	٥	\times
File View Tools Wizards Window Help	Save	Refresh Stack SForward Proved Help	Type topic to search Go	cisc	11 ;0
Device List Bookmarks	< <u>5</u>	onfiguration > Remote Access VPN > Network (Client) Access > An ransforms	<pre>vConnect Customization/Localization > Customized Inst</pre>	<u>aller</u>	
Add Delete Connect Go 10.1.1.1		This panel lists the AnyConnect-customization binary executable modules and the AnyConnect client. To easily view and manage only the scripts, please go	scripts on the device. These objects will be served by the ASA on to the 'Script' panel in the left side navigation tree.	request from	n
10.1.1.2		Platform	Object Name		
10.201.179.35		win win	_anyconnect-hideaddremove _anyconnect-lockdown		
Remote Access VPN 🗗 🖓	2				
Hotwork (Client) Access AnyConnect Connection Profiles AnyConnect Customization/Localization GResources Binary Script GGUT Text and Messages GGU Customized Installer Transforms GALLCocalized Installer Transforms	^				

Tisco ASDM 7.14(1) for ASA - 10.1.1.2				-	
File View Tools Wizards Window Help		Type to	pic to search	Go	ahaha
Home 🍣 Configuration 🔯 Monitoring Save 🐼 R	efresh 🔇 Back 🔘 Forward 🦻 Help				CISCO
Device List Bookmarks Terview CL	l Commands	×	calization > <u>Custor</u>	nized In	staller 🛛
Device List Image: Connect A Add Î Delete <i>S</i> Connect AsA, dick Send. Find: Go write mem B 10.1.1.1 write mem	I commands are generated based on the changes you made in ASDM. To send the commands to To not send the commands and continue making changes in ASDM, dick Cancel.	the	ects will be served by de navigation tree.	the ASA o	on request from
Remote Access VPN AnyConnect Connection Profiles AnyConnect Customization/Localization Binary Binary GUI Text and Messages Guteonized Installer Transforms Localized Installer Transforms					
Device Setup					
💱 Firewall					
Remote Access VPN					
Site-to-Site VPN	Send Cancel Save To File				
Device Management					
20	Apply Reset				

Note: By the time this article was written, the name used to import the sample transforms files must have an underscore "_" at the start of the name, this forces the sample transforms imported to work for whatever AnyConnect module. If you use a different name without an underscore at the start of the name, then, the sample transforms imported works just for the CORE & VPN Anyconnect module (<u>CSCvy38427</u>).

Step 9. AnyConnect web deployment auto-update.

Step 9.1 Force the AnyConnect web deployment auto-update to happen for the CORE & VPN and the Umbrella Roaming Security modules.

Here the ASA AnyConnect configuration in place in order to allow the CORE & VPN and the Umbrella Roaming Security modules to get auto-updated:

webvpn enable outside anyconnect image disk0:/anyconnect-win-4.9.06037-webdeploy-k9.pkg 1 anyconnect enable tunnel-group-list enable group-policy ANYCONNECT_GP1 internal group-policy ANYCONNECT_GP1 attributes vpn-tunnel-protocol ssl-client ssl-clientless split-tunnel-policy tunnelspecified split-tunnel-network-list value SPLIT_TUNNEL1 webvpn anyconnect modules value umbrella tunnel-group MY_TUNNEL1 type remote-access tunnel-group MY_TUNNEL1 general-attributes address-pool VPN_POOL1 default-group-policy ANYCONNECT_GP1 tunnel-group MY_TUNNEL1 webvpnattributes group-alias SSL_TUNNEL1 enable

Step 9.2 Start a connection to the ASA headend from the AnyConnect client that runs version 4.9.04053 on the Windows machine.

S Cisco Any	Cisco AnyConnect Secure Mobility Client – VPN: Exiting. Upgrade in progress. 10.3.3.2 Connect Connect Mbrella is inactive. Profile is missing.			
	VPN: Exiting. Upgrade in progress. 10.3.3.2	~	Connect	
	Roaming Security: Umbrella is inactive. Profile is missing.			
¢ ()				uluilu cisco
AnyConnect S	ecure Mobility Client Download	der		



The AnyConnect Downloader is installing AnyConnect Secure Mobility Client 4.9.06037. Please wait...

AnyConnect Secure Mobility Client Downloader



The AnyConnect Downloader is installing AnyConnect Umbrella Roaming Security 4.9.06037. Please wait...



Step 9.3 After this, the AnyConnect Core & VPN and the Umbrella Roaming Security modules are updated to version 4.9.06037 with the lockdown and the hide from the add/remove program list features enabled.



Verify

Confirm the Lockdown feature is enabled for the AnyConnect modules installed

Step 1. Open the Windows services (services.msc) as follows.



Step 2. Then, right-click over the CORE & VPN and the Umbrella Roaming Security services.

You can confirm the lockdown feature is enabled as you are not allowed to Start, Stop, Pause, Resume or Restart the services for these AnyConnect modules.

🔍 Services

File Action View Help

🔍 Services (Local)	Name	Description	Status	Startup Type	Log On As		^
	BranchCache	This service		Manual	Network S		
	Certificate Propagation	Copies user	Running	Manual	Local Syste		
	Cisco AnyConnect Secure Mobility Agent	Cisco AnyC	Running	Automatic	C		
	Cisco AnyConnect SWG Agent	Cisco AnyC		Manual	Start		
	🖏 Cisco AnyConnect Umbrella Roaming Security Agent	Cisco AnyC	Running	Manual	Stop		
	Client License Service (ClipSVC)	Provides inf		Manual (Trig.	Pause		
	🖏 CNG Key Isolation	The CNG ke	Running	Manual (Trig.	Resume		
	🖏 COM+ Event System	Supports Sy	Running	Automatic	Restart		
	🖏 COM+ System Application	Manages th	Running	Manual			
	🖏 Computer Browser	Maintains a	Running	Manual (Trig.	All Tasks	>	
	Connected Device Platform Service	This service		Disabled	Refresh		
	Connected User Experiences and Telemetry	The Connec	Running	Automatic	-		
	CoreMessaging	Manages co	Running	Automatic	Properties		
	🖏 Credential Manager	Provides se	Running	Manual	Help		
	🗟 Cryptographic Services	Provides thr	Running	Automatic -	INCOMUN Date		
	🖏 Data Sharing Service	Provides da	Running	Manual (Trig	Local Syste		
	Cale Collection Publishing Service	The DCP (D		Manual (Trig	Local Syste		
	COM Server Process Launcher	The DCOM	Running	Automatic	Local Syste		
	Calibria Contraction	Performs co	Running	Automatic (D	Local Syste		
	California Contraction Service	Enables pair		Manual (Trig	Local Syste		
	Q Device Install Service	Enables a c		Manual (Trig	Local Syste		
	Cevice Management Enrollment Service	Performs D		Manual	Local Syste		
	🖏 Device Setup Manager	Enables the	Running	Manual (Trig	Local Syste		

Services

File Action View Help

🖛 🏟 📊 🖾 🤷 📑 🚺							
Services (Local)	Name ^	Description This service	Status	Startup Type Magual	Log On As		^
	Cartificate Demonstion	Conice week	Pupping	Manual	Lecal Surte		
	Circo Any Connect Service Mobility Agent	Copies user	Running	Automatic	Local System		
	Cisco AnyConnect Secure Mobility Agent	CISCO AnyC	Kunning	Automatic	Local System		
	Cisco AnyConnect SWG Agent	Cisco AnyC		Manual	Local Syste		
	Cisco AnyConnect Umbrella Roaming Security Agent	Cisco AnyC	Running	Manual	Local Surte		
	Client License Service (ClipSVC)	Provides inf		Manual (Trig	Start		
	🖏 CNG Key Isolation	The CNG ke	Running	Manual (Trig	Stop		
	🖏 COM+ Event System	Supports Sy	Running	Automatic	Pause		
	COM+ System Application	Manages th	Running	Manual	Resume		
	Computer Browser	Maintains a	Running	Manual (Trig	Destart		
	Connected Device Platform Service	This service		Disabled	Restart		
	Connected User Experiences and Telemetry	The Connec	Running	Automatic	All Tasks	>	
	🖏 CoreMessaging	Manages co	Running	Automatic	Defeash		
	🖏 Credential Manager	Provides se	Running	Manual	Kerresh		
	Cryptographic Services	Provides thr	Running	Automatic	Properties		
	🖏 Data Sharing Service	Provides da	Running	Manual (Trig	11-b-		
	Contraction Publishing Service	The DCP (D		Manual (Trig	нер		
	COM Server Process Launcher	The DCOM	Running	Automatic	Local Syste		
	Contraction 🖓 Delivery Optimization	Performs co	Running	Automatic (D	Local Syste		
	Cevice Association Service	Enables pair		Manual (Trig	Local Syste		

Confirm the Hide from the Add/Remove Program List feature is enabled for the AnyConnect modules installed

Step 1. Open the AnyConnect client as follows.

_

٥

 \times



Step 2. Confirm the AnyConnect version installed.

For this, select the INFO icon under the AnyConnect client as follows:

Step 2.1 For the AnyConnect version 4.9.04053:



Step 2.2 For the AnyConnect version 4.9.06037:

🚳 Cisco AnyConnect Secure Mobility Client	×	
Cisco AnyConnect Secure Mobility Client Version 4.9.06037 © Copyright 2004 - 2021 Cisco Systems, Inc. All Rights Reserved Cisco, the Cisco Logo, Cisco AnyConnect, AnyConnect and the AnyConnect logo are registered trademarks or trademarks of Cisco and/or its affiliates in the United States and certain other countries.	9	
Installed Modules: VPN, Roaming Security, Customer Experience Feedback This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit: https://www.openssl.org This product includes cryptographic software written by Eric Young (eay@cryptsoft.com) This product includes software written by Tim Hudson (tjh@cryptsoft.com)		
This product incorporates the libouri HTTP library: Copyright (c) 1996 - 2019, Daniel Stenberg, (daniel@haxx.se). End User License Agreement Cisco Online Privacy Statement and the AnyConnect Supplement	.ı ı.ı ı. cısco	Cisco AnyConnect Secure Mobility Client VPN: Ready to connect.
2 Y		Roaming Security: Umbrella is inactive. Profile is missing.
ark		¢ (ĵ) ← diuli- cisco

Step 3. Confirm that both the AnyConnect CORE & VPN and the Umbrella Roaming Security modules are hidden from the Add/Remove Windows Program List.

For this, navigate to the Windows Control Panel > Uninstall a Program.

Programs and Features						-	٥	×
\leftarrow \rightarrow \checkmark \uparrow 🖸 \succ Control	Panel > Programs > Programs and Features			~	ල් Search Program	ns and Fe	atures	P
Control Panel Home	Uninstall or change a program							
View installed updates	To uninstall a program, select it from the list and then	click Uninstall, Change, or Repair.						
Turn Windows features on or								
off	Organize 👻						-	2
	Name	Publisher	Installed On	Size	Version			
	🔂 Cisco ASDM-IDM Launcher	Cisco Systems, Inc.	4/15/2021	656 KB	1.9.00			
	FileZilla Client 3.31.0	Tim Kosse	4/19/2021	26.8 MB	3.31.0			
	📧 Google Chrome	Google, Inc.	9/6/2016	50.4 MB	66.0.3359.181			
	📣 Java 8 Update 151	Oracle Corporation	11/22/2017	199 MB	8.0.1510.12			
	Microsoft OneDrive	Microsoft Corporation	5/21/2018	100 MB	18.065.0329.0002			
	Microsoft Visual C++ 2008 Redistributable - x64 9.0.3	Microsoft Corporation	9/6/2016	1.04 MB	9.0.30729.6161			
	Microsoft Visual C++ 2008 Redistributable - x86 9.0.3	Microsoft Corporation	9/6/2016	872 KB	9.0.30729.4148			
	🖟 Microsoft Visual C++ 2013 Redistributable (x64) - 12.0	Microsoft Corporation	9/6/2016	20.5 MB	12.0.30501.0			
	🖟 Microsoft Visual C++ 2015 Redistributable (x64) - 14.0	Microsoft Corporation	3/7/2018	23.5 MB	14.0.24215.1			
	医 Mozilla Firefox 59.0.1 (x64 en-US)	Mozilla	2/4/2021	144 MB	59.0.1			
	🔯 Mozilla Maintenance Service	Mozilla	5/21/2018	231 KB	59.0.1.6648			
	PuTTY release 0.67	Simon Tatham	9/6/2016	3.49 MB	0.67			
	VMware Tools	VMware, Inc.	5/31/2017	120 MB	10.1.0.4449150			
	₩inPcap 4.1.3	Riverbed Technology, Inc.	9/6/2016		4.1.0.2980			
	Wireshark 2.4.5 64-bit	The Wireshark developer comm	3/12/2018	171 MB	2.4.5			

Troubleshoot

There is not troubleshoot procedure to follow for this document.

Related Bugs

<u>CSCvy38427</u> ASDM: Transforms file name must start with "_" underscore to take effect to multiple AC modules

Related Information

Technical Support & Documentation - Cisco Systems

Cisco AnyConnect Secure Mobility Client Administrator Guide, Release 4.0