

sco – Cisco Hardware and VPN Clients Supporting IPSec/PPTP

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Cisco Hardware and VPN Clients Supporting IPSec/PPTP/L2TP

Introduction

Hardware and Software Versions

IPSec/PPTP Support

Related Information

Introduction

This technical tip shows which versions of Cisco VPN Clients, VPN Concentrators, Cisco IOS[®] Software, and the PIX Firewall support IPSec/Point-to-Point Tunneling Protocol (PPTP).

Hardware and Software Versions

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

- Cisco IOS Software releases 12.2.8T and later
- Cisco VPN 3000 Concentrator
- Cisco VPN 5000 Concentrator (See End of Sales Announcement and Product Bulletin)
- Cisco Secure PIX Firewall and PIX Firewall Software 5.0.x through 6.0.x
- Cisco Secure VPN Client (CSVN) 1.0 and 1.1
- Cisco VPN Client (CVPN) 2.5 and later
- Microsoft Windows 9.x, ME, SE, XP, NT 4.0, and 2000
- Solaris 2.6
- Linux 2.2.12 & 2.2.14
- Mac OS 9, 10.0 (Mac OS X), and 10.1

To obtain the latest VPN software, visit the Cisco resource center for .

Note: To download software, you must be a registered user and you must be logged in.

IPSec/PPTP Support

Supported versions are listed as client version/hardware operating system version. For example, the listing "CVPN 5000 Client 5.1.7 / 5.2.22" in the Cisco VPN 5000 Concentrator column and the Windows 9x row means that IPSec/PPTP is supported when:

- the end user's PC with Windows 9x
- is running the Cisco VPN 5000 Client version 5.1.7
- and connecting to the Cisco VPN 5000 Concentrator
- which is running VPN Concentrator software version 5.2.22

See Table Notes for information about the abbreviations used in this table.

	Client Version/ Hardware Operating System Version
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Client OS	Cisco IOS Software on an IOS device	Cisco VPN 3000 Concentrator	Cisco VPN 5000 Concentrator	Cisco Secure PIX Firewall
Windows 9x++	CSVPN 1.1 / 12.0.7T+	CVPN 3000 Client 2.5.x+	CVPN 5000 Client 5.1.7 / 5.2.22	CSVPN 1.1 / 5.1.x+
	CVPN 3.x / 12.2.8T or 12.3**	CVPN 3000 Client 2.5.x / 2.5.x+		CSVPN 1.0 / 5.0.x
		CVPN 3000 Client 3.x+ / 3.x+		VPN 3000 2.5.2 / 5.2.x+
				CVPN Client 3.x+ / 6.0.x+
Windows ME	CVPN 3.x / 12.2.8T or 12.3**	CVPN 3000 Client 3.x+ / 3.x+	CVPN 5000 Client 5.1.7 / 5.2.22	CVPN 3.x+ / 6.0.x+
Windows NT 4.0	CSVPN 1.1 / 12.0.7T+	CVPN 3000 Client 2.5.x+	CVPN 5000 Client 5.1.7 / 5.2.22	CSVPN 1.1 / 5.1.x+
	CVPN 3.x / 12.2.8T or 12.3**	CVPN 3000 Client 2.5.x / 2.5.x+		CSVPN 1.0 / 5.0.x
		CVPN Client 3.x + / 3.x+		CVPN 3000 Client 2.5.2 / 5.2.x+
				CVPN Client 3.x+ / 6.0.x+
Windows 2000	CVPN 3.x / 12.2.8T or 12.3**	CVPN 3000 Client 3.x / 3.x	CVPN 5000 Client 5.1.7 / 5.2.22, 5.1.10 (3DES available)	CVPN Client 3.x+ / 6.0.x+
Windows XP	CVPN 3.1.2+ / 12.2.8T or 12.3**	CVPN 3000 Client 3.1.2+ / 3.x	CVPN 5000 Client 5.1.10 (3DES available) / 5.2.22 [XP Home Edition or Professional]	CVPN Client 3.1+ / 6.0.x+
Palm PDA/Palm OS 3.5		MovianVPN***/3.x		
Handheld or Pocket PC/ Windows CE		MovianVPN***/3.x		

Solaris 2.6	CVPN Client 3.X/12.2.8T	CVPN Client 3.5 for Solaris / 3.5	CVPN 5000 Client 5.0.8 / 5.2.22	CVPN Client 3.5 for Solaris / 6.x
Mac OS 8**** and 9****		****Netlock	CVPN 5000 Client 5.0.3 / 5.2.22	
Mac OS 10.0 or Mac OS X*	CVPN Client 3.X/12.2.8T	CVPN Client 3.5 for Mac OS X / 3.5	CVPN 5000 Client 5.1.2	CVPN Client 3.5 for Mac OS X / 6.x
Mac OS X.1	CVPN Client 3.X/12.2.8T	CVPN Client 3.5 for Mac OS X / 3.5	CVPN 5000 Client 5.1.4 Release Notes	Client currently in beta. Anticipated release December 2001.
Linux 2.2.12 (Red Hat 6.2 Linux (Intel) or compatible distribution, using kernel Version 2.2.12 or later)	CVPN Client 3.X/12.2.8T	CVPN 3000 Client 3.0.8+ / 3.x+		
Linux	CVPN Client 3.X/12.2.8T	CVPN Client 3.5 for Linux / 3.5		CVPN Client 3.5 for Linux / 3.5
Linux 2.2.14	CVPN Client 3.X/12.2.8T		CVPN 5000 Client 5.0.19 / 5.2.14	
Linux (Intel) Kernel 2.2.5	CVPN Client 3.X/12.2.8T		CVPN 5000 Client 5.2.X	
Microsoft PPTP	Microsoft native PPTP/ 12.1.5T+	Microsoft native PPTP / 2.5+		Microsoft native PPTP / 5.2+
3002		CVPN Hardware Client 3.0+ / 3.0+		CVPN Hardware Client 3.0+ / 6.0+
L2TP/IPSec	Microsoft native/ 12.0.7T+	Microsoft native / 2.5+		Microsoft native / 6.0+

Table Notes

- CVPN is the Cisco VPN Client (versions 2.x and above), *not* the Cisco Secure VPN Client (version 1.x only).
- CSVPN is the Cisco Secure VPN Client.
- + Support continues to all later versions.
- ++ Windows 98 Second Edition (SE) support added in VPN 3.0 Client. The VPN 3.1 Client requires Operating System Release 2 (OSR2) of Windows 95.
- * There is no DES version available for Mac X release, only 3DES.
- ** Cisco IOS 12.2.8T and 12.3 are due out in the first half of 2002.
- *** The MovianVPN client may be purchased through Certicom.

- **** Cisco does not Original Equipment Manufacture (OEM) a Mac OS 8 or 9 VPN Client. A VPN Client for use with the VPN 3000 Concentrators is available from Netlock.
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Related Information

- **Cisco VPN Solutions**
 - **Security Technical Tips: VPN 3000**
 - **Security Technical Tips: VPN 5000**
 - **Security Technical Tips: IPSec**
 - **Security Technical Tips: PIX**
 - **IPSec Support Pages**
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