

Cisco AnyConnect Secure Mobility Client Features, Minimum Release Requirements, License Requirements, and Supported Operating Systems

Objective

For additional information on AnyConnect licensing on the RV340 series routers, check out the article [AnyConnect Licensing for the RV340 Series Routers](#).

The objective of this document is to show you the Features matrix of the Cisco AnyConnect Secure Mobility Client and the minimum release requirements, license requirements, and supported operating systems.

Software Version

- 4.4

Features Matrix

[AnyConnect Deployment and Configuration](#)

[AnyConnect Core VPN Client](#)

[Core Features](#)

[Connect and Disconnect Features](#)

[Authentication and Encryption Features](#)

[Interfaces](#)

[AnyConnect Deployment and Configuration](#)

Deferred Upgrades	ASA 9.0 ASDM 7.0	Plus	yes	yes	yes
Windows Services Lockdown	ASA 8.0 (4) ASDM 6.4 (1)	Plus	yes	no	no
Update Policy, Software and Profile Lock	ASA 8.0 (4) ASDM 6.4 (1)	Plus	yes	yes	yes
Auto Update	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	yes

Web Launch (32-bit browsers only)	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	yes
Pre-deployment	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	yes
Auto Update Client Profiles	ASA 8.0 (4) ASDM 6.4 (1)	Plus	yes	yes	yes
AnyConnect Profile Editor	ASA 8.4 (1) ASDM 6.4 (1)	Plus	yes	yes	yes
User Controllable Features	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	no

AnyConnect Core VPN Client

Core Features

SSL Transport Layer Security (TLS & Datagram TLS), including Per App VPN	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	yes
TLS Compression	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	yes
DTLS fallback to TLS	ASA 8.4.2.8 ASDM 6.3 (1)	Plus	yes	yes	yes
IPsec/IKEv2	ASA 8.4 (1) ASDM 6.4 (1)	Plus	yes	yes	yes
Split tunneling	ASA 8.0 (x) ASDM 6.3 (1)	Plus	yes	yes	no
Split Domain Name System (DNS)	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	no
Ignore Browser Proxy	ASA 8.3 (1) ASDM 6.3 (1)	Plus	yes	yes	no
Proxy Auto Config (PAC) file generation	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	no	no
Internet Explorer tab lockdown	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	no	no
Optimal Gateway Selection	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	no
Global Site Selector (GSS) compatibility	ASA 8.0 (4) ASDM 6.4 (1)	Plus	yes	yes	yes
Local LAN Access	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	yes
Tethered device access via client firewall rules, for	ASA 8.3 (1) ASDM 6.3 (1)	Plus	yes	yes	yes

synchronization					
Local printer access via client firewall rules	ASA 8.3 (1) ASDM 6.3 (1)	Plus	yes	yes	yes
IPv6	ASA 9.0 ASDM 7.0	Plus	yes	yes	no
Further IPv6 implementation	ASA 9.7.1 ASDM 7.7.1	Plus	yes	yes	yes

Connect and Disconnect Features

Simultaneous Clientless & AnyConnect connections	ASA8.0 (4) ASDM 6.3 (1)	Apex	yes	yes	yes
Start Before Logon (SBL)	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	no	no
Run script on connect & disconnect	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	yes
Minimize on connect	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	yes
Auto connect on start	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	yes
Auto reconnect (disconnect on system suspend, reconnect on system resume)	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	no
Remote User VPN Establishment (permitted or denied)	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	no	no
Logon Enforcement (terminate VPN session if another user logs in)	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	no	no
Retain VPN session (when user logs off, and then when this or another user logs in)	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	no	no
Trusted Network Detection (TND)	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	no
Always on (VPN must be connected to access network)	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	no
Always on exemption via Directory Access Protocol (DAP)	ASA 8.3 (1) ASDM 6.3 (1)	Plus	yes	yes	no
Connect Failure Policy (Internet access allowed)	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	no

or disallowed if VPN connection fails)					
Captive Portal Detection	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	no
Captive Portal Remediation	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	no

Authentication and Encryption Features

Certificate only authentication	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	yes
RSA SecurID /SoftID integration		Plus	yes	no	no
Smartcard support		Plus	yes	yes	no
Simple Certificate Enrollment Protocol (SCEP) (requires Posture Module if Machine ID is used)		Plus	yes	yes	no
List & select certificates		Plus	yes	no	no
FIPS		Plus	yes	yes	yes
Secure Hash Algorithm (SHA)-2 for IPsec IKEv2 (Digital Signatures, Integrity, & PRF)	ASA 8.0 (4) ASDM 6.4 (1)	Plus	yes	yes	yes
Strong Encryption Advanced Encryption Standard (AES-256 & 3des-168)		Plus	yes	yes	yes
Network Security Appliance (NSA) Suite-B (IPsec only)	ASA 9.0 ASDM 7.0	Apex	yes	yes	yes
Enable Certificate Revocation List (CRL) check	n/a	Apex	yes	no	no
SAML 2.0 SSO	ASA 9.7.1 ASDM 7.7.1	Apex or VPN only	yes	yes	yes
Multiple-certificate authentication	ASA 9.7.1 ASDM 7.7.1	Plus, Apex, or VPN only	yes	yes	yes

Interfaces

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Graphical User Interface (GUI)	ASA 8.0 (4) ASDM 6.3 (1)	Plus	yes	yes	yes
Command Line			yes	yes	yes
Application Programming Interface			yes	yes	yes
Microsoft Component Object Module (COM)			yes	no	no
Localization of User Messages			yes	yes	no
Custom MSI transforms			yes	no	no
User defined resource files			yes	yes	no
Client Help	ASA 9.0 ASDM 7.0		yes	yes	yes