Cisco AnyConnect Secure Mobility Client

More and more, employees wish to work on corporate laptops as well as personal mobile devices from anywhere. With the Cisco AnyConnect Secure Mobility Client (Figure 1), you can empower your employees to do this and still provide the security necessary to help ensure that your organization is safe and protected. Cisco AnyConnect is a unified security endpoint agent that delivers multiple security services to protect the enterprise. It also provides the visibility and the control you need to identify who and which devices are accessing the extended enterprise. Cisco AnyConnect wide range of security services include functions such remote access, posture enforcement, web security features, and roaming protection. Cisco AnyConnect gives your IT department all the security features necessary to provide a robust, user-friendly, and highly secure mobile experience.

Features and Benefits

The industry-leading VPN Secure Mobility Client is a modular endpoint software product. It not only provides VPN access through Secure Sockets Layer (SSL) and IPsec IKEv2 but also offers enhanced security through various built-in modules. These modules provide services such as compliance through the VPN with ASA or through wired, wireless, and VPN with Cisco Identity Services Engine (ISE), web security along side Cisco Cloud Web Security, network visibility into endpoint flows within Cisco Secure Network Analytics, or off-network roaming protection with Cisco Umbrella. VPN clients are available across a broad set of platforms, including Windows, macOS, Linux, iOS, Android, Windows Phone/Mobile, BlackBerry, and ChromeOS.

Benefits

For End Users

· Highly secure access across popular PC and mobile devices

· Consistent user experience

· Intelligent, dependable, and always-on connectivity

For Security Administrators

· Low total cost of ownership from a single client providing multiple services

· Context-aware, comprehensive, and continuous endpoint security

· Extending flexible, policy-driven access to corporate resources across wired, wireless, and VPN.

CISCO   The bridge to possible

Major features are shown in Table 1.

Table 1. AnyConnect Secure Mobility Client Features

Feature	Description
Unified Endpoint Compliance	The Cisco AnyConnect ISE Posture Module in Cisco ISE deployments provides unified endpoint posture checks and automated remediation across wired, wireless, and VPN environments. This module serves as the main source of endpoint posture checking for OS levels, latest antivirus/spyware/malware updates, application and hardware inventory and other endpoint checks to determine compliance state and strengthen endpoint security. For VPN only environments, the Cisco Adaptive Security Appliance provides endpoint posture using Cisco AnyConect Hostscan Module.
Highly Secure Network Access	The Cisco AnyConnect Network Access Manager provides superior connectivity features. Administrators can control which networks or resources for endpoints to connect. It provides an IEEE 802.1X supplicant that can be provisioned as part of authentication, authorization, and accounting (AAA) capabilities along with some unique encryption technologies such as MACsec IEEE 802.1AE.
Web Security	A built-in VPN module implements web security either through the on-premise Cisco Secure Web Appliance or the cloud-based Cisco Secure Web offering. Combining web security with VPN access, administrators can provide comprehensive, highly secure mobility to all end users, which is vital for bring-your-own-device (BYOD) deployments. Enterprises have a choice of deployments to defend the network against web malware and to control and safeguard web usage.
Network Visibility	The VPN Network Visibility Module on Windows, macOS, Linux, and Samsung Knox-enabled devices gives administrators the ability to monitor endpoint application usage to uncover potential behavior anomalies and to make more informed network design decisions. Usage data can be shared with NetFlow analysis tools such as Cisco Secure Network Analytics.
Off-Network Protection (DNS-Layer Security)	Cisco Umbrella Roaming is a cloud-delivered security service that protects devices when they are off the corporate network. Whether users turn off the VPN or forget to turn it on, Umbrella Roaming enforces security at the DNS layer to protect against malware, phishing, and command-and-control callbacks over any port or protocol.
Mobile Device Support	Administrators need to support end-user productivity by providing personal mobile devices with remote access to the company network. VPN services can be deployed on the most popular devices used by today's diverse workforce. Highly secure remote access can either be device-based or through select per-application VPN, which eliminates unapproved applications from accessing confidential business resources further reducing malware intrusion risks and bandwidth costs for remote access.

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Next Steps

For more information, visit the following sites:

- Licensing and ordering: The Cisco AnyConnect Ordering Guide covers licensing for VPN, clientless SSL VPN, and third-party Internet Key Exchange version 2 (IKEv2) remote-access VPN usage.
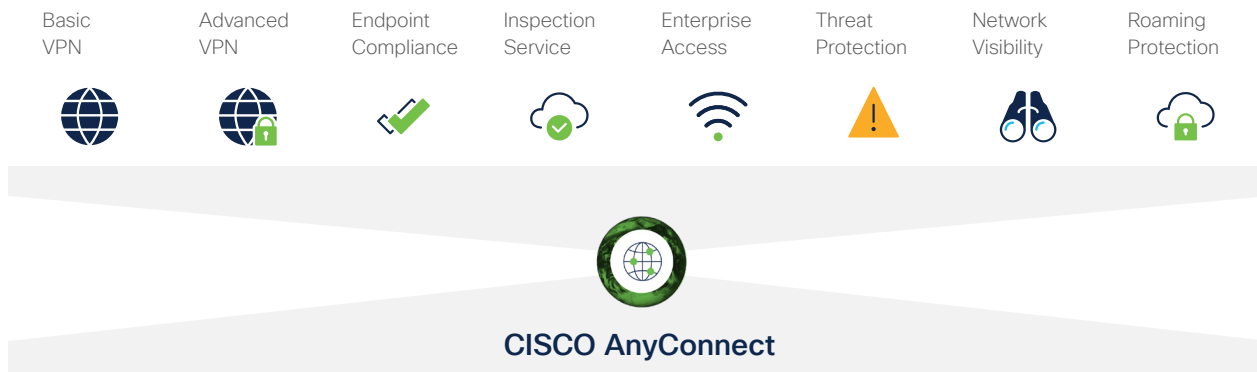
- Cisco AnyConnect Secure Mobility Client: http://www.cisco.com/go/anyconnect.

- Cisco ASA 5500-X Series: http://www.cisco.com/go/asa.

How to buy

- To view buying options and speak with a Cisco sales representative,
  visit www.cisco.com/c/en/us/buy

Figure 1. Cisco AnyConnect Secure Mobility Client

CISCO AnyConnect– Way more than VPN

VPN Features

Basic VPN · Advanced VPN · Endpoint Compliance · Inspection Service · Enterprise Access · Threat Protection · Network Visibility · Roaming Protection

CISCO AnyConnect

Integration with other Cisco solutions

ISR · ASR/CSR · Adaptive Security Appliance (ASA) · Identity Services Engine (ISE) · Cloud Web Security Services (CWS+ WSA) · Switches and Wireless Controllers · Advanced Malware Protection · Netflow collectors · Umbrella Services