

Cisco AnyConnect:

- o Cisco AnyConnect is security endpoint agent that delivers multiple security services.
- o AnyConnect provides visibility and control to identify which devices access network.
- o The Cisco AnyConnect Secure Mobility Client also called Cisco AnyConnect Agent.
- o Cisco AnyConnect is a program install on computer to connect to campus services.
- o Cisco AnyConnect Secure Mobility Client Application is multiple products in one.
- o The software itself is several modules that can be installed on the system directly.
- o Even pushed down in an update from a Cisco ASA to the software loaded on PC.
- o The key modules to Cisco ISE is AnyConnect Network Access Manager (NAM).
- o Another key module is the AnyConnect Diagnostics and Reporting Tool (DART).
- o There are two main ways to configure the Network Access Manager supplicant.
- o One is to use a standalone AnyConnect Profile Editor for Network Access Manager.
- o The other is to use the Profiler Editor on Cisco's Adoptive Security Appliance itself.
- o The Cisco AnyConnect Secure Mobility Client is the preferred Cisco client option.



AnyConnect VPN:

- o This is the most obvious module, providing the ability to use the client as VPN endpoint.

AnyConnect VPN Start Before Login:

- o Allows the user to establish VPN connection into enterprise before logging into Windows.

AnyConnect Diagnostic and Reporting Tool (DART):

- o To perform both diagnostics & reporting about AnyConnect installation & connection.
- o DART works by assembling logs, status, & diagnostic information for analysis by Cisco.

AnyConnect Network Access Manager:

- o To provide secure Layer 2 network connection by following centralized security policy.
- o Features include pre-login authentication using Windows Credentials, Single-Sign On.
- o using Windows Credentials, IEEE 802.1x support, and IEEE MACSec wired encryption.

AnyConnect Posture (HostScan Application):

- o Provides ability to identify OS, Antivirus, AntiSpyWare, & firewall currently installed on host.
- o Information is used along with policy to determine whether the host will be able to connect.

AnyConnect Telemetry:

- o This module sending information about the origin of malicious content to the WSA.
- o The Web Security Appliance will then react based on the collected information.

AnyConnect Web Security:

- o This module works in conjunction with the Cisco Cloud Web Security proxy.
- o HTTP traffic is sent through this proxy & evaluated based on a number of elements.
- o including HTTP content and Flash and Java elements.
- o Each of these is independently analyzed and malicious content is dropped.

Posture:

- o AnyConnect Secure Mobility Client offers VPN Posture Module and an ISE Posture Module.
- o Both provide AnyConnect with the ability to assess an endpoint's compliance for things.
- o like antivirus, antispyware, and firewall software installed on the host or Endpoint.
- o You can then restrict network access until the endpoint or end device is in compliance.
- o The Cisco ISE Posture deploys one client when accessing Cisco ISE-controlled networks.

AMP Enabler:

- o AMP is used as a medium for deploying Advanced Malware Protection for endpoints.

