

Cisco Secure Client ThousandEyes Endpoint Agent Module

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About Cisco Secure Client ThousandEyes Endpoint Agent Module

The Endpoint Agent is an application that collects network- and application-layer performance data when users access specific websites from within monitored networks. It enhances a customers' ability to get a complete picture of their application health, allowing them to make better-informed decisions and to resolve issues quicker. With the installation of ThousandEyes in Secure Client, its version is displayed in the Secure Client About box upon its detection.

Once an Endpoint Agent is installed, it attempts to register with the ThousandEyes service using a secret key and a unique machine ID. Upon successful registration, the Endpoint Agent downloads the latest configuration. When the configuration is up-to-date, the data collection begins with browser-based data and periodic local network probes. The endpoint agent can then measure application performance with scheduled tests, automated session tests, browser sessions, or network access. All of the collected data and metrics are displayed in one expansive view.

Older ThousandEyes versions without the Secure Client presentation plugin cannot be detected.The installer will detect if an Enterprise version of ThousandEyes is installed and will not allow installation while that is present.

The ThousandEyes Endpoint Agent Module is available in Secure Client for Windows 10 and 11 and macOS 10.10 (or later). The module is not supported on Windows ARM64 devices; and on macOS ARM64 devices, Rosetta is required for installation to complete successfully. The current Endpoint Agent version supported is 1.175.3 (or later).

Refer to the Cisco Secure Client ThousandEyes Endpoint Agent Module Integration Guide for additional information.

ThousandEyes Endpoint Agent Module Deployment

As part of the Secure Client zip file contents, a ThousandEyes Module is available with a Windows installer (cisco-secure-client-win-version-thousandeyes-predeploy-k9.msi) or a macOS installer (Cisco Secure Client - ThousandEyes Endpoint Agent-x64-<vers>.pkg). For Windows, you can either extract the installer from the predeploy package or run with the predeploy setup.exe utility. For macOS, refer to Install and Uninstall Cisco Secure Client on macOS.

(Windows only) You can deploy the ThousandEyes json profile (C:\ProgramData\Cisco\Cisco Secure Client\ThousandEyes Endpoint Agent\ThousandEyes Endpoint Agent Configuration.json) with Downloader from VPN or ISE headends.

Installation of AnyConnect VPN is not required for the ThousandEyes Module with Secure Client. Refer to the Deploy Cisco Secure Client chapter and Cisco Secure Client ThousandEyes Endpoint Agent Modulefor additional deployment details.