



Cisco AnyConnect Network Visibility Module

The modern enterprise is evolving. The network now has to accommodate more mobile users, more contractors, and more endpoints.

It is critical to know what users and endpoints are doing on your network. When it comes to security, visibility is paramount. Yet potentially high-risk behaviors are often not addressed by current security layers such as web inspection and malware protection.

How the AnyConnect Module Helps You

The Cisco AnyConnect® Network Visibility Module helps you see user and endpoint behavior both on and off premises. It collects standard flows from endpoints (laptops, for example) along with context like user, application, device, location, and destination information. IT administrators can collect and analyze this rich data. They can then better defend the organization against potential security threats as well as address a wide range of network operations challenges.

The Network Visibility Module uses standards-based flow technology. Security teams can use their existing collector platform to monitor and analyze behavior. For example, a security team could see an off-premises user sending large amounts of data to an external storage service, indicating potential data exfiltration. Or they can gain visibility into shadow IT behavior when users access unauthorized applications.

At the same time, networking and application teams can use the information to improve overall network operations, support application capacity planning, and troubleshoot issues. For example, the network operations team can set up VPN split tunneling to save Internet bandwidth charges. At the same time they'll know which traffic needs to be sent to the enterprise and which can go straight to the Internet.

With the release of version 4.3 for AnyConnect, the Network Visibility Module comes with enhanced functionality, which includes cached data throttling, broadcast and multicast suppression, and a more flexible collection policy with new attribute fields. The Network Visibility Module is also being opened for third-party development through APIs offered by [Cisco DevNet](#).

Next Steps

Visit <http://www.cisco.com/go/anyconnect> or talk to your Cisco account manager to learn how you can gain more network visibility.

Please use our [Splunk® App](#) to evaluate the AnyConnect Network Visibility Module in your own environment.

Benefits

- **Gain exceptional visibility** into user and endpoint behavior from endpoint-generated flows both on and off premises
- **Cache information** even when users are disconnected from the enterprise
- **Implement more precise network access policies** across wired, wireless, or VPN connections

“69% of organizations say their biggest challenge in protecting against insider threats is not enough contextual information from security tools.”

Ponemon Institute

Privileged User Abuse & the Insider Threat, 2014