

SOLUTION BRIEF

Netskope and Tanium

Companies use Tanium to manage and configure endpoint assets for continuous near real-time enforcement. Tanium leverages rich telemetry about endpoint security posture to determine whether a device meets company policy and then responds accordingly. Netskope uses the Tanium endpoint status in adaptive policy controls to then protect users and data.

KEY USE CASES

- **Ensure Netskope is on the Endpoint.** Tanium can ensure the Netskope client is running on an endpoint
- **Determine Device Posture.** Leverage Tanium's many features and unlimited custom detectors to ascertain if an endpoint is satisfactorily configured.
- **Continuous Device Classification.** In near real-time, Tanium continuously ascertains and signals endpoint security posture to update the device status for Netskope adaptive policy controls.

“In the early days of the pandemic, 87% of DoD employees and civilian contractors shifted overnight to work from home. What impact has that had on endpoint security?”

ASH CARTER, FORMER U.S. SECRETARY OF DEFENSE
ENDPOINT - NOVEMBER 9, 2021

THE CHALLENGE

IT teams struggle to gain full visibility into their network and endpoints, a problem intensified by increased remote working. This can lead to undiscovered vulnerabilities and misconfigurations, turning risk assessments into guesswork, which makes a breach more likely. New threats expose vulnerabilities that can force companies to be reactive—a complex and costly prospect.

Companies need accurate, near real-time data on systems and endpoints with adaptive policies based on satisfactory endpoint security posture. Security operations of all sizes can benefit from an holistic, adaptive policy approach. The best strategies offer visibility into what's happening across the business with real-time adaptive policy controls for the context of the endpoint, app, data, and activity.

NETSKOPE AND TANIMUM

Companies use Tanium to manage and configure their endpoint IT assets in real time. Tanium leverages rich telemetry about endpoint security posture to make near real-time decisions about whether or not a device is satisfactory and to take actions as needed. Netskope and Tanium work together within this continuous endpoint enforcement architecture also ensuring that the Netskope client is properly present and running. If it's not running on a designated endpoint, the Netskope client will be deployed and installed.

CAPABILITIES

ENSURING ENDPOINT COMPLIANCE

Tanium Comply conducts vulnerability and compliance assessments against endpoint operating systems, applications, and security configurations and policies. While the Netskope Cloud Security Platform provides unrivaled visibility and real-time data and threat protection when accessing cloud services, websites, and apps from anywhere, on any device.

Tanium Comply and Netskope work together to scan locally to check the status of endpoints as satisfactory and ensure that Netskope is installed and running. If an endpoint is compliant, the Windows registry key is set or the MacOS file is created, as appropriate. If Netskope is not installed or running, Netskope and Tanium resolve the problem by installing Netskope or by ensuring that the endpoint does not have access to potentially harmful outside sites. Netskope offers adaptive access control, so IT administrators can choose the right real-time response:

- **Least privileges:** Ensure admin privileges across all services with role-based access controls and gain visibility and control over ecosystem services connected to managed services that are used by employees
- **Trusted access:** Ensure only trusted devices access your corporate services and data. For example, set a policy that allows full access to Office 365 webmail from corporate devices while giving read-only permissions to BYOD or unmanaged devices.
- **Governance:** Selectively grant access or govern activities based on context. With Netskope companies can do things like prevent sensitive data from being downloaded onto personal devices or restrict access to an app or cloud service.

Netskope offers adaptive access control, so Tanium administrators can choose the right real-time response.

VISIBILITY, CONTROL AND RESPONSE

Tanium is enriched with near real-time data from the endpoints in a company's environment and provides a status to Netskope for use in adaptive policy controls. IT organizations can use the powerful combination of Netskope and Tanium to manage, inventory, monitor, contextualize and remediate end user, server and cloud endpoints with ultimate visibility and control at scale to keep everything current and secure in a continuous near real-time endpoint enforcement process.

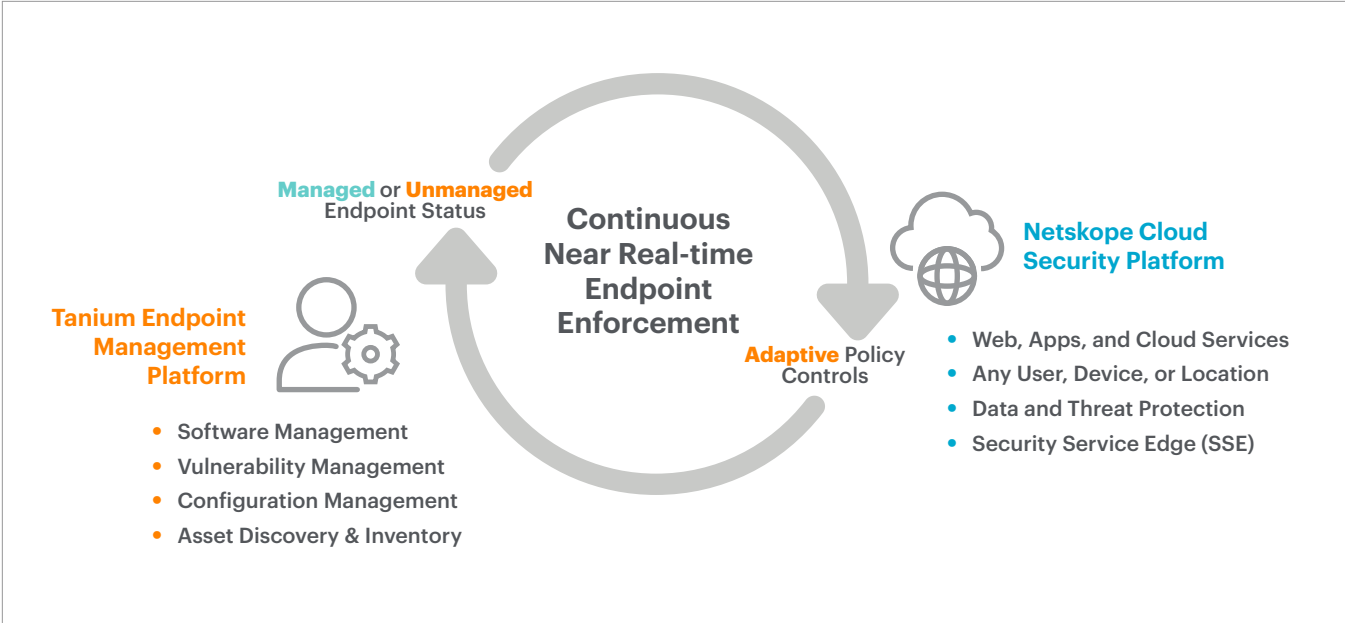
Use Tanium Interact to create a dashboard so you can see Netskope client counts and trends, including all Windows devices or all Mac devices, all computers running Netskope, and all machines that are satisfactory.

The dashboard offers many benefits:

- **Gain Real-Time Visibility:** Get a comprehensive, accurate and real-time understanding of your IT environment at any scale, wherever endpoints exist
- **Reduce Lateral Movement Risk:** Minimize risk with real-time data visualizations that help companies prioritize and remediate overly permissive admin rights.
- **Strengthen Zero Trust Initiatives:** Connect to select identity providers to further strengthen access control with Tanium's rich telemetry.

- **Make Data-Driven Decisions:** Enable continuous measurement and reporting on key security and operations metrics, such as patches and vulnerabilities.
- **Respond Rapidly:** Outrun breaches when traditional safeguards fail with a platform that provides the near real-time data you need to quickly scope incidents and stop threats.

Tanium leverages rich telemetry about endpoint security posture to determine whether or not a device is safe and act accordingly with the status provided to Netskope.



ABOUT TANIUM

Tanium is the platform that organizations trust to gain visibility and control across all endpoints in on-premises, cloud and hybrid environments. Our approach addresses today’s increasing IT challenges by delivering accurate, complete and up-to-date endpoint data — giving IT operations, security and risk teams confidence to quickly manage, secure and protect their networks at scale. Tanium’s mission is to help see and control every endpoint, everywhere. That’s the power of certainty.



Netskope, the SASE leader, safely and quickly connects users directly to the internet, any application, and their infrastructure from any device, on or off the network. With CASB, SWG, and ZTNA built natively in a single platform, Netskope is fast everywhere, data-centric, and cloud-smart, all while enabling good digital citizenship and providing a lower total-cost-of-ownership. **To learn more, visit [netskope.com](https://www.netskope.com)**