Cisco N9000 Series ThousandEyes Integration

Product overview

ThousandEyes, the network intelligence SaaS platform, is now integrated into the Cisco N®9000 Series data center switches with Cisco® NX-OS / Data Center Network Manager (DCNM) and being integrated into Cisco ACI fabrics. The Cisco ThousandEyes Enterprise Agent (TEA) allows users to run a variety of tests using global vantage points to monitor routing (BGP), DNS resolution, browser response characteristics, detailed aspects of network pathing and connectivity, the status of network routing, and VoIP streaming-connection quality.

The integration is across Cisco NX-OS10.2(x), and first supported in Cisco NX-OS 10.2(1) with Cisco DCNM Release 11.5(3).

The following use cases are supported:

- **Data center to branches and cloud**
  - Measure bidirectional network throughput, performance, latency, and loss and evaluate network connections for specific applications.
  - Path visualization within the WAN and internet for data-center traffic going to branch offices and cloud.
- **Data-center interconnect**
  - Deploying the agent on the data center edge device (Cisco N9000 Series Switches) to communicate with other agents.
  - Path visualization, latency, loss, and jitter information within the IP network connecting two or more data centers.

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Learn more

If you are interested in installing enterpriseagents on Cisco N9000 SeriesSwitches – ThousandEyes Enterprise Agent.

Additional information and resources areavailable at Cisco ThousandEyes, Cisco N9000 Series Switches, Cisco ACI, Cisco NX-OS, and Cisco DCNM.

Cisco ThousandEyes Network Analytics support a wide variety of agents and tests. For this integration into Cisco N9000 switches, the main focus will be on WAN and internet monitoring, and application evaluation. All visualization of the test results will be achieved using the Cisco ThousandEyes dashboard.

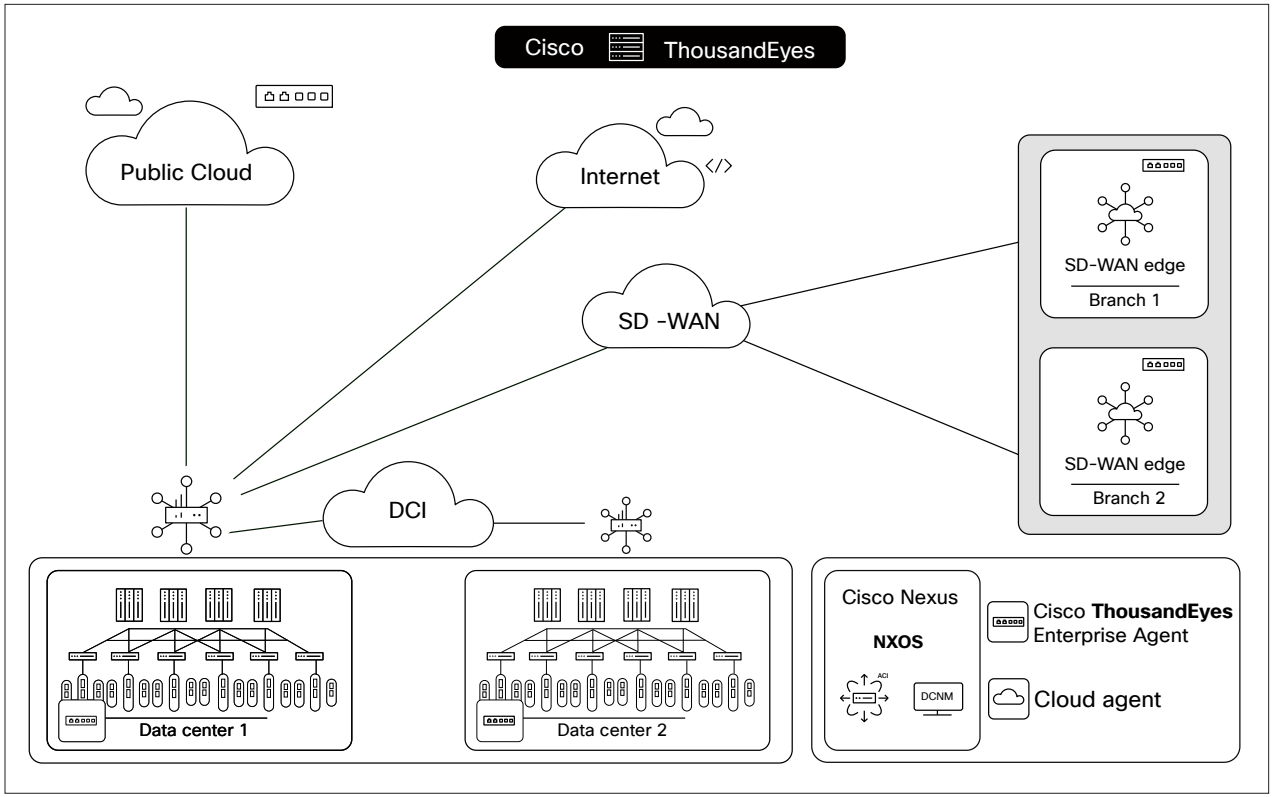


Figure 1. Illustration of the use cases supported

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