

Cisco Catalyst SD-WAN Analytics

Contents

Product overview	3
Prominent feature	4
Licensing	4
Ordering information	4
Cisco Capital	5
Document history	6

Cisco Catalyst SD-WAN Analytics enables enterprises to take total control of the user experience by offering enhanced visibility into their network and application performance, helping with understanding historical behavior trends for expedited root-cause analysis, and transforming network operations from a reactive model to a predictive model.

Product overview

SD-WAN Analytics is a SaaS product that revolutionizes how organizations monitor and operate their networks by providing actionable insights in a highly visualized and intuitive manner and by automating network operations under a highly predictive model. It aggregates large volumes of telemetry data and correlates application performance with underlying network behavior. As SD-WAN has evolved to connect users across multi-cloud, branch, data center, and the hybrid workforce, enterprises and other organizations are constantly challenged to deliver reliable connectivity, application experience, and security over networks and services they don't own or directly control. SD-WAN Analytics addresses the growing need of enterprises for enhanced visibility and diagnostics to allow them to take control over such a dynamic environment.

SD-WAN Analytics enhances network and application visibility, establishes historical benchmarks, and expedites root-cause isolation, ultimately enabling enterprises to take the necessary corrective actions and gain total control of the user experience. SD-WAN Analytics is software as a service built on a scalable and cloud-first architecture.

Table 1. Features and benefits

Feature	Benefit
Summary dashboard	Quickly evaluate the overall health of the entire network.
Applications dashboard	Review how your applications are performing and assess trends over time.
Application 360 view	Assess application health and identify if issues are localized or widespread across sites and regions. Gain visibility into circuits used and usage across those circuits. Drill down to discover the underlay path on a hop-by-hop basis for traffic over SD-WAN tunnels.
Predictive Networks: Predictive Path Recommendations	Deliver superior and consistent user experience by recommending optimal paths using advanced data modeling powered by ThousandEyes WAN Insights and applying these recommendations in an automated manner.
Bandwidth Forecast	Enhance organizational capacity planning capabilities by forecasting future circuit usage by analyzing historical usage patterns
Cloud OnRamp for SaaS Optimization	Gain visibility and receive insights into the network and application performance of Cloud OnRamp for SaaS through enhanced optimization metrics such as traffic volume, path selections, and overall site details. Optimize user experience for SaaS applications such as Microsoft M365.
Circuit dashboard	Quickly evaluate the health of all circuits across the network including availability trends and bandwidth use.
Circuit 360 view	Monitor individual circuit bandwidth use, top applications on the circuit, and granular flow details.
Site dashboard	Quickly evaluate the health of sites across the network.
Site 360 view	Monitor site and device health.

Feature	Benefit
Automated reporting	Schedule periodic reports (pdf and csv) for offline review.
Ease of access	With Single Sign-On, effortlessly launch vAnalytics from vManage and seamlessly navigate between the two dashboards

Prominent feature

Enhanced visibility and diagnostics are growing needs for enterprise networks in a highly dynamic environment involving multi-cloud, branches, data centers, and a hybrid workforce. SD-WAN Analytics not only enhances network and application visibility, and expedites root-cause isolation, but also helps transform network operations from a reactive model to a predictive model ultimately enabling enterprises to take the necessary corrective actions and gain total control of the user experience. SD-WAN Analytics offers operational insights in a highly intuitive manner with various features such as:

- **Predictive Networks:** Predictive Path Recommendations powered by ThousandEyes WAN Insights delivers superior and consistent application experience for end users by forecasting issues in network paths and allowing users to proactively apply policy recommendations with persistently optimal paths. Bandwidth Forecast enhances circuit capacity planning by forecasting future circuit usage based on historical usage.
- **Multilayer application insights:** Provides enhanced visibility into application and network performance. Compare application performance over time to identify trends and top clients and applications at a global and site level.
- **Diagnose network health:** Reduce OpEx by reducing Mean Time To Identify (MTTI) and Mean Time To Resolve (MTTR). Quickly troubleshoot chronic issues such as changes in the availability and performance of business-critical applications. Evaluate site availability, circuit availability, and circuit bandwidth consumption.

Licensing

SD-WAN Analytics is available with a Cisco DNA Advantage license. The entitlement for monitoring up to 6 application lists with Predictive Path Recommendations (powered by ThousandEyes WAN Insights) is embedded with Cisco DNA Advantage license.

Ordering information

SD-WAN Analytics is software as a service available to Cisco DNA Advantage customers. Customers can onboard SD-WAN Analytics for their SD-WAN fabric from SD-WAN Manager or from Cisco Catalyst SD-WAN Portal during fabric creation. For more details please refer to: [SD-WAN Analytics User Guide](#).

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Document history

Table 2. Document history

New or Revised Topic	Described In	Date
vAnalytics		April 1, 2022
vAnalytics		December 1, 2022
vAnalytics		May 11, 2023

Americas Headquarters
Cisco Systems, Inc.
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