Bi-directional integration of Cisco AppDynamics and Cisco ThousandEyes

Empower customer digital experience and application dependency monitoring with Cisco Full-Stack Observability

Cisco enhanced its Full-Stack Observability offer with bi-directional integration of application observability and network intelligence, providing end-to-end insights among application, network and data teams. It optimizes joint operations for triage and troubleshooting while helping teams understand how applications, network and multi-cloud affect digital user experience.

Applications are the front door for virtually every business, and customers are under pressure to accelerate their digital transformation projects. Flawless application experience is a top priority, and 84% report that the need to maintain the performance of business applications is now more important than ever.[1]

Yet, the information and experience required to operate these environments is scattered and siloed across different AppOps, DevOps and NetOps tools and teams. This reduces the ability to identify, prioritize and effectively address issues that directly impact user experience and, most likely, the business, its brand and its reputation.

Integrating application performance and network intelligence data uncovers hidden application and network dependencies.

To expand the Cisco Full-Stack Observability capabilities in customer digital experience monitoring, we now offer a bi-directional, out-of-the-box integration of Cisco AppDynamics and Cisco ThousandEyes that brings application observability and network intelligence data together.

For AppOps/DevOps teams:
Within AppDynamics, real-time ingestion of network metrics and embedded network intelligence data from ThousandEyes allows AppOps users to understand how network and internet performance affect user experience. It helps correlate business results with application, network, and internet performance — all in one place.

For NetOps teams:
Within ThousandEyes, real-time application dependency mapping data from Cisco AppDynamics helps streamline network test creation and correlation with actionable test recommendations and pre-configured test templates to help uncover observability gaps. Plus, application health indicators are embedded within ThousandEyes dashboards — helping NetOps teams to prioritize network remediation based on business impact.

For more information on Cisco Full Stack Observability and the Cisco FSO Advantage package visit the Full Stack Observability solution page on Cisco.

This integration is automatically embedded in both products, directly within the troubleshooting workflow, and uses application intelligence to flatten the learning curve by automating test creation and correlation to make it easy for AppOps, DevOps and NetOps to achieve significant results with less effort:

Reduce MTTR by correlating network insights with application insights.

Streamline work-flows by providing actionable recom-mendations with pre-configured test templates.

Prioritize network remediation based on business impact.

This new approach to observability empowers AppOps/DevOps to quickly isolate network impact on user experience issues — enabling them to triage problems more quickly and identify the right resources to drive speedy remediation. Teams can also discover hidden network dependencies, recommend new synthetic tests to monitor those dependencies and automate test creation with preconfigured templates to increase coverage. Thus, enabling an intelligent, simplified experience that closes network observability gaps. Finally, NetOps teams can view application health natively within their network environment to provide valuable context when maintaining network health in the greater context of application health enabling teams to align and focus on what matters most.

With the general availability of this integration, Cisco announced the general availability of Cisco Full-Stack Observability Advantage package. The Full-Stack Observability Advantage package provides full-stack visibility, insights and actions, tied to business context, across application monitoring, network and application security.

In addition to application security, the Full-Stack Observability Advantage bundle provides real-time ingestion of network intelligence metrics into application observability and application dependencies towards network operations, ensuring that the correlated visibility, insights and actions are tied to business context across application monitoring, network and internet.

For more information on Cisco Full Stack Observability and the Cisco FSO Advantage package visit the Full Stack Observability solution page on Cisco.

1.   Agents of Transformation 2022. Cisco AppDynamics.
     https://www.appdynamics.com/resources/reports/agents-of-transformation-2022. Published 2022.