

CA Application Delivery Analysis



At a Glance

As application environments continue to grow more dynamic and complex, it continues to get more difficult to manage application availability and performance. CA Application Delivery Analysis (CA ADA) provides the end-to-end response time monitoring capabilities that your team needs to track and optimize the end user experience. With CA ADA, you can quickly identify the domain in which issues arise, so you can do faster incident triage and resolution. The solution helps you mitigate risks associated with planned changes or unexpected events. In addition, if your organization is leveraging WAN optimization tools, CA ADA enables you to accurately measure and report on the performance of WAN-optimized transactions.

Key Benefits/Results

- **Faster problem triage.** Intuitive visual queues, such as graphs and charts, make it easier to quickly identify the fault domain.
- **Better root-cause determination.** Leverage simple workflows, automated investigations and comprehensive diagnostics that facilitate fast verification and root cause analysis.
- **Improve change management.** Before-and-after metrics help you validate and mitigate the risks of planned and unplanned changes to your application delivery infrastructure.
- **Boost service levels.** SLA reporting and alarms can foster improved service levels and proactive SLA compliance.

Key Features

- **Streamlined implementation.** Track real application response times—without desktop- or server-based agents.
- **Intuitive visuals.** Graphs, charts and reports are designed for faster fault domain determination, and feature drill-down capabilities that enable better root cause analysis.
- **Automated investigations.** Set schedules to collect more detailed diagnostics, or run on-demand reports as problems occur, so you can improve problem troubleshooting and resolution.

Business Challenges

For today's business users, it's critical that applications deliver high levels of responsiveness and availability—at all times. However, for the IT teams tasked with managing application performance, the job grows increasingly challenging.

Computing environments continue to grow more dynamic and complex, incorporating multiple delivery models. The array of applications running in an enterprise continues to expand, as does the diversity of characteristics and requirements that need to be addressed.

Consequently, it can be difficult to track what levels of service end users are actually experiencing, and even more challenging to determine how to improve that experience. Furthermore, when issues arise, identifying the cause and resolving the issue takes too long, so application performance—and the end-user experience—suffer.

Solution Overview

CA ADA provides the end-to-end response time monitoring capabilities that you need to measure and report on the performance of applications, quickly isolate and fix performance bottlenecks and optimize the end-user experience. The solution is efficient to deploy and manage, delivering performance and availability measurements that are based on real application response times, without requiring synthetic tests, probes or agents.

CA ADA can continually collect performance metrics, automatically establish intelligent baselines, and instantly generate alerts when performance starts to deteriorate. CA ADA provides rapid insight into the duration, frequency, pervasiveness and severity of problems. Convenient application scorecards provide an at-a-glance view of critical application performance, while SLA reporting summarizes both performance and availability of applications.

CA ADA provides the visibility and insights you need to mitigate the risks associated with planned changes or unexpected events. You can measure the before-and-after impact of infrastructure changes on application performance as well as validate the effectiveness of such efforts as an MPLS migration, VoIP deployment, WAN optimization, QoS policy changes and server upgrades.

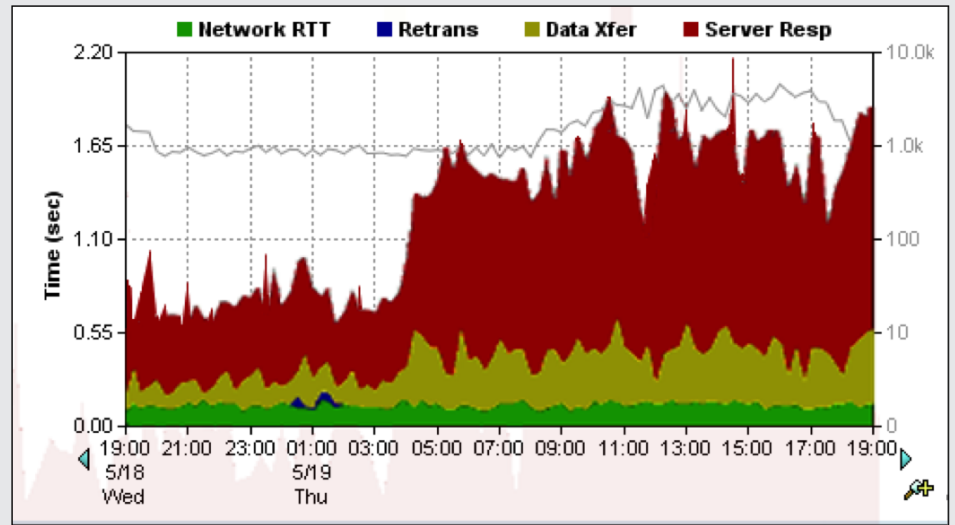
Critical Differentiators

Faster triage and troubleshooting. Reduce the time you spend responding to finger-pointing and complaints. The solution helps your team identify the tasks that help reduce the issues that can adversely affect the end-user experience. When issues do arise, CA ADA helps you quickly localize a problem so the right resource can be put on the case. By breaking down response time into its network, server and application components, the solution can help your team definitively identify where the cause of an issue is originating, and avoid the blame game. Your team gains credibility by delivering objective, timely insights that help troubleshoot and resolve performance issues.

CA ADA delivers a wide range of capabilities that help speed the identification and response to performance issues. The product:

- Provides graphical views of the infrastructure, highlighting which components are experiencing performance degradations and offering click-through capabilities to speed resolution.
- Offers simple workflows for incident identification, verification and escalation.
- Delivers summary views of application, server and network performance with bubble-up rankings for the most pervasive performance issues.
- Provides more detailed network diagnostics through investigations that can be accessed on-demand or automatically run when application performance issues arise.

Through its intuitive, graphical views of the infrastructure, CA ADA helps enable faster fault domain isolation and problem triage.



Better leverage your existing infrastructure investments. CA ADA helps you make informed decisions as to whether a costly infrastructure upgrade is the right answer or just a temporary fix that fails to address the true root cause of recurrent issues. The solution helps you validate the impact of IT infrastructure changes. With insights from CA ADA, you may identify a QoS policy that can more intelligently prioritize and improve response time for critical applications. Instead of doing a costly network upgrade, you may discover a server memory upgrade is all that's necessary.

CA ADA features embedded instrumentation and exclusive integration with Cisco and Riverbed Steelhead environments. With the solution, you get a complete view into network and application performance, so you can optimize application delivery and

do more effective troubleshooting, capacity planning and management reporting.

CA ADA provides before-and-after performance metrics for Cisco Wide Area Application Services (WAAS). The product delivers insights into the effects of load balancing and WAN optimization. Using Cisco Application Control Engine (ACE) metrics, CA ADA provides detailed performance, health and connection diagnostics.

Efficient, flexible integration. CA ADA offers several deployment options, featuring multiple methods for collecting data and measuring response times across the infrastructure. The solution requires minimal hardware resources, and is efficient to deploy and maintain.

For more information, please visit ca.com/us/opscenter/ca-application-delivery-analysis.aspx

CA Technologies (NASDAQ: CA) creates software that fuels transformation for companies and enables them to seize the opportunities of the application economy. Software is at the heart of every business, in every industry. From planning to development to management and security, CA is working with companies worldwide to change the way we live, transact and communicate – across mobile, private and public cloud, distributed and mainframe environments. Learn more at ca.com.