APPDYNAMICS

DATASHEET
Apache Web Server APM

The next generation of application performance management for your Apache Web Server

Get to the root cause of performance bottlenecks in your application environment running Apache Web Server with the AppDynamics Application Intelligence Platform. With AppDynamics, you can drill down into Apache web server, including the modules installed into the web server, to diagnose performance bottlenecks in your mission-critical application environment – all while running in a live production environment.

The new world of distributed web applications has created a whole new set of challenges for those tasked with ensuring application performance. With the shift toward service-oriented architectures (SOA), applications now operate in rapidly changing environments. As a result, performance problems surface that are often difficult to identify, diagnose, and fix.

As these applications become increasingly critical to the business, it's more important than ever to have a simple yet fast way to monitor, diagnose, and resolve application problems before they affect revenue.

The AppDynamics Application Performance Management solution provides business transaction-centric management of most complex and distributed applications. The solution is extremely easy to configure and deploy, automatically discovers business transaction, consumes little production overhead, monitors every line of code, and dynamically baselines performance to proactively identify and resolve application performance issues before they impact customers and the business.

With Apache web server APM module for AppDynamics Application Intelligence platform, you can monitor your Apache Web Server in real-time, drill down into call stacks, correlate transactions traversing across your distributed environment, and diagnose performance bottlenecks while running in a live production or development environment.

KEY BENEFITS

- Auto-discover and monitor end-to-end business transaction performance starting from Apache Web Server
- Business Transaction snapshots including the troubleshooting info from Apache web server and installed Apache modules allows you to dive deep into the code execution so you can find the root cause of slow code-execution in minutes
- Correlate your Apache Web Server performance with underlying server infrastructure
- Automatically captures three KPIs - Load, Response Time and Errors – and baselines them

Key Features

Auto-discover and monitor end-to-end business transaction performance starting from Apache Web Server

- Automatically discover application topology starting from Apache Web Server, and trace key business transactions based on production application behavior
- Visualize and prioritize the end to end business transactions performance and not just the health of the application and infrastructure nodes

Never get another false alarm with automated baselining and alerting

- Automatically captures three Apache server KPIs - load, average response time, and errors.
- Calculates normal baseline values for these KPIs so that outliers instantly stand out and eliminate the false alarm

Troubleshoot and resolve application performance issues with deep diagnostics

- Collect business transaction snapshots with detailed code level diagnostics in case of performance problems
- Application support teams can quickly identify problem area with highlighted top potential issues in the snapshot

Drill down to the Apache modules and the application components connected to them

- Troubleshoot using the details on Apache modules, for example, Mod_Proxy in this screenshot, can expedite the problem resolution
- Drill down to the downstream application components following the exit calls into Apache modules.

Minimize application downtime with with real-time detection of errors and exceptions

- Detect the errors and exceptions thrown by the Apache web server in real time
- Fix the errors and proactively address the exceptions with policy-based actions with Runbook Automation

Correlate your Apache Web Server performance with underlying server infrastructure

- Understand and server resource (CPU, Memory, Disk I/O , Network I/O etc.) consumption in the context of web server performance.
- Capture and record apache server metrics (Apache CPU consumption, Data transferred / second, Data transferred / request, Busy/Idle Workers) using Apache Server extension and correlate with the metrics server metrics

SUPPORT MATRIX

Apache Web Server

- Apache HTTP Server 2.2.x (32-bit and 64-bit)
- Apache HTTP Server 2.4.x (32-bit and 64-bit)

Operating Systems

- Ubuntu 11+ (32-bit and 64-bit)
- Cent OS 5+ (32-bit and 64-bit)
- Red Hat 5+ (32-bit and 64-bit)

Try it FREE at appdynamics.com