Ensure end-to-end performance of complex distributed applications

Distributed web applications often contain frustrating blind spots and mysterious, recurring problems. Only AppDynamics APM delivers the simplicity, visibility, and deep diagnostics that Ops and Dev teams require.

The new world of distributed web applications has created a whole new set of challenges for those tasked with ensuring application health and performance. Modern application architectures, new technologies, and a rapid rate of change have created a perfect storm of complexity in today's applications. 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.

Introducing AppDynamics APM

The AppDynamics Application Performance Management 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.

KEY BENEFITS

– Visualize your entire application, from browser and mobile app to backend database

– Monitor hybrid environments with Java, .NET, PHP, Node.js, Python and C++

– Troubleshoot bottlenecks 90% faster with deep code-level diagnostics

– Automate common fixes with Application Run Book Automation

– Improve situational awareness and DevOps collaboration with single pane of glass for cross-tier monitoring, role based views, virtual war room

"Easy set up, no overhead, and can be used in production."

*Muthu Shanmugam
Solution Architect, AAA*

What makes AppDynamics different?

Auto-discover and monitor end-to-end business transaction performance, with Transaction Tag and Follow

– Automatically discover application topology and interdependencies including external web services, and trace key business transactions based on production application behavior

– Visualize and prioritize the business transactions performance and not just the health of the application and infrastructure nodes

Dynamically baseline performance to alert and address emerging issues in context of Business Transactions

– Know your performance in the context of auto-generated dynamic baselines

– Integrated with incidents and alerting systems ServiceNow, PagerDuty, and Jira

Quickly isolate and resolve production java application performance issues at code-level depth with minimal overhead

– Leverage Smart Code Instrumentation to enable in-depth monitoring of production apps without making configuration changes

– Monitor every transaction but intelligently capture details of only the anomalous transactions, making the platform scale to meet the demands of large enterprises

Enhance Dev & Ops collaboration with role-based views and Virtual War Room

– Leverage the DevOps Virtual War Room capability to enable everyone to collaborate and troubleshoot while sharing the same performance data

– Avoid tedious manual steps with Runbook Automation by automatically capturing snapshots and resolving performance issues as they are developing

See everything with the industry's broadest coverage of languages and technologies

– Covers all popular programming languages and frameworks including Java, .NET, Node.js, PHP, Python and C/C++

– Covers most complex enterprise platforms and solutions such as JMS, queuing technologies, TIBCO, WebMethods, etc.

– Leverage platform extensibility for wider application monitoring coverage

Maximize the visibility and control of cloud application with deep support for key IaaS/PaaS platforms

– Complete visibility into applications deployed in cloud and on-premises and monitor the business transactions across the distributed applications

– Quick time to value by monitoring Java applications developed and deployed in key IaaS/PaaS platforms, including, Amazon Web Services, Pivotal Cloud Foundry and Redhat OpenShift

Monitor any production app within minutes

– Minimal configuration to monitor any app

– Monitor the app even when you don't have its source code

Flexible deployment options: Saas, on-premises or hybrid deployments

Try it FREE at appdynamics.com

WHO IS IT FOR?

– IT Operations

– Production support

– Developers

– Architects

– Anyone whose phone rings when the application is having problems

PROBLEMS SOLVED

– Uptime & availability

– Slow response time

– Memory leaks & thrash

– Stalls

– Deadlocks

– Slow database response

– Database connection pool areas

– End-User monitoring

– Mobile APM

SUPPORTED ENVIRONMENTS

Supported run-time environments

Java 1.5 and above (both 32-bit and 64-bit)

Microsoft .NET CLR 2.0 and above (both 32-bit and 64-bit)

Node.js 0.8 and above

PHP 5.2 and above

Python 2.6 and above

Supported frameworks

AppDynamics supports all common Java, .NET, C/C++, PHP, Python and Node.js frameworks (e.g. JavaEE, Spring, ASP. NET, ADO.NET, WCF)

Supported application servers

Weblogic

Apache Tomcat

JBoss

IBM Websphere

Glassfish

Jetty

Resin

Solr

Webmethods

Microsoft IIS

Microsoft Windows Service and Console (.NET Standalone)

Supported transport protocols

AppDynamics supports all common transport protocols (e.g. HTTP, JMS, RMI, JDBC, and SOAP along with web services implementations such as Axis).

Supported OS

Solaris, Linux, AIX, HP-UX, Microsoft Windows 2003, 2008, 2012 (32-bit and 64-bit)