

## Application-centric Server Monitoring

To succeed in today's hyper-competitive and fast-changing marketplace, enterprises must pursue digital transformation leveraging software to deliver and support their products and services, — with the goal of creating an ideal user experience and maximizing business agility and efficiency. In order to to deliver excellent end-user experience, enterprises need to manage their applications end-to-end including their dependencies on the underlying server infrastructure. AppDynamics Server Visibility, a key module of AppDynamics Application Intelligence platform, complement end-user, application, and database monitoring to provide a comprehensive, end-to-end view of the entire application ecosystem.

The new world of distributed software 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 these applications become increasingly critical to the business, it's more important than ever to have a simple yet fast way to monitor, understand the dependencies on the underlying server infrastructure, diagnose, and resolve application problems before they affect revenue.

Today's server monitoring solutions mostly use a bottoms up infrastructure focused approach that offers minimal understanding of the supported application. These monitoring solutions also have no business context or intelligence to understand the business impact of a server performance issue or failure in order to prioritize it appropriately.

### Introducing AppDynamics Server Visibility Module

AppDynamics Server Visibility module provides application-centric monitoring of servers in context of business transactions to proactively isolate and resolve application performance issues faster with actionable, correlated application-server metrics. As a key module of AppDynamics Application Intelligence Platform, server monitoring complements the application and database monitoring solution to improve end-user experience and reduce monitoring complexity.

#### KEY FEATURES

- Collect comprehensive metrics for CPU, disk, volume, network and running processes and report them to the AppDynamics Controller
- Server dashboard with key performance metrics and top ten processes consuming memory and CPUs
- Detailed metrics for disks, network and running processes in separate tabs
- Ability to drill down from Application flow map, transaction snapshots to detailed server metrics
- Run free custom extensions available in the AppDynamics Community or custom extensions that you create to monitor other systems and platforms
- Enhanced health rules & runbook automation for server metrics
- Availability and basic performance metrics for HTTP services running on servers not monitored via an AppDynamics agent
- Proactively monitor availability of HTTP services



## SUPPORTED ENVIRONMENTS

### Supported OS

- Linux and Microsoft Windows 2003 and 2008 (32-bit and 64-bit)

### WHO IS IT FOR?

- Server Admin
- IT Operations
- Production Support

## Key Benefits

- **Gain in-context server metrics visibility:** Quick drill-down from application using business transaction context
  - Business transaction centric server monitoring ensures focus on business outcomes
  - Comprehensive Linux and Windows metrics
- **Troubleshoot server issues faster:** Resolve server bottlenecks quickly with actionable and correlated application and server metrics
  - Troubleshoot application issues with a clear view into the supporting server metrics
  - Automatically capture server snapshots in context with business transaction when performance degrades
- **Get immediate server visibility:** Monitor any server within minutes
  - Minimal configuration to monitor any server
  - Low overhead
- **Smart Alerts:** Never get another false alarm
  - Know your performance in the context of auto-generated dynamic baselines
  - Integrated with incidents and alerting systems ServiceNow, PagerDuty, and Jira
- **Proactively Monitor availability of HTTP services**
  - Check availability and response time of HTTP Services
  - Inside out view of HTTP services that are not natively monitored by AppDynamics
- **Application and Infrastructure Extensions:** Leverage platform extensibility to support additional application and infrastructure
  - Monitor every element of your infrastructure including mainframes, load balancers, containers, VM's
- **Eliminate Silos:** Eliminate siloed monitoring tools and standardize on unified monitoring solution with one UI and one data platform
  - Standardize on a single platform with one unified UI that monitors aggregated and fine-grained historical and real-time data
  - Monitor a variety of servers running Linux and Windows
- **Flexible deployment:** On premise, Cloud, Hybrid

*“Bringing server monitoring and APM together into one live, real-time dashboard within the same tool helps us rapidly troubleshoot application performance issues.”*

*Marcel Lichter, Team Lead Data Centre Management, RWE Supply & Trading*



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