APP**DYNAMICS**

DATASHEET Browser Synthetic Monitoring

The next generation of browser synthetic monitoring for web sites and web applications

With AppDynamics Browser Synthetic Monitoring you can now get insights into the performance of your web sites and applications, allowing you to ensure the availability, performance, and functionality of your sites at all times via cloud-based geographically distributed agents performing measurements on a flexible schedule and within defined windows optimized for achieving your business goals and service level agreements economically.

AppDynamics Browser Synthetic Monitoring provides you the ability to set up synthetic jobs to monitor your web site from 26 geographically distributed cloudbased locations around the world on a flexible schedule of any interval. These jobs can also be schedule to run in any predefined window of time by day, date, and time of day. Synthetic monitoring jobs provide you with controlled visibility to the detailed performance of individual page performance and a baseline for aggregate behavior of your performance over time, establishing a baseline level for comparison and analysis purposes. Browser Synthetic Monitoring can alert you to problems with the availability or performance of your site even in the absence of real-user load and furthermore can automatically perform immediate re-testing when error conditions are encountered in order to minimize false positives and reduce spurious "3 am" calls.

Furthermore, Browser Synthetic Monitoring uses real browsers (Chrome, Firefox, IE) so that you know that the observed performance is the same as seen by your actual customers, not some simulated proxy. The product is based on the WebPageTest open source project and uses the W3C WebDriver standard for driving the real browsers with the synthetic jobs.

Browser Synthetic Monitoring provides Selenium based scripting for multi-page end-user workflow simulation with form data entry and user action emulation with scripts written in Python.

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KEY BENEFITS

- 24x7 monitoring of availability & performance: Have confidence that your web site is ready and working correctly all the time
 - Independently of real user requests
 - Meeting your SLAs
- Synthetic Scripting: Simulate realuser workflows
 - Multi-page processes
 - Form data submission and user action emulation
 - Synthetic sessions
 - Full waterfall detail on every page
- Flexible monitoring schedules: Set up your own custom schedules for synthetic monitoring jobs
 - Use your quota efficiently
 - When it makes sense for you, not your vendor
 - Monitor the performance results
- Smart alerts: Immediately retest on error conditions to eliminate false positives
 - Avoid the 3 a.m false alert
 - Retest instantly; no waiting for the next scheduled monitoring window
- Geographic distribution: Real users are distributed around the world, so ensure your site availability from all relevant locations
 - Agents are located in 26 data centers distributed around the world for global monitoring

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Data from AppDynamics Browser Real-User and Synthetic Monitoring are fully integrated for comparison purposes and synthetic results are also fully correlated to back-end snapshots which are taken for every synthetic request.

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KEY BENEFITS (continued)

- Real browser response times: Monitor performance using real browsers to truly mimic end-user experience
 - Same browsers as used by your customers
 - Not simulated browsers
 - Shows the actual end user browser experience, not some proxy metric
- Get end-to-end visibility: With AppDynamics APM, discover BT's to provide synthetic browser request to back-end application dependencies
 - Rapidly identify the exact offending line of code, from the web app to the database
 - Reduce blame game between web app/site development and backend app IT Ops teams

SUPPORT MATRIX

- SaaS only
- Chrome, Firefox, IE

Get started with AppDynamics Browser Synthetic Monitoring GA at appdynamics.com