

Data Collection and Processing

Browser Synthetic Monitoring

Product Overview

At AppDynamics, we offer enterprise-grade software that enables our customers to monitor and analyze the performance of their business applications and supporting infrastructure. Our Browser Synthetic Monitoring software (Synthetic Monitoring Software), one of our end user monitoring (EUM) products, allows our customers to use synthetic traffic as a proxy to understand and analyze the performance of their browser-based applications. With our Synthetic Monitoring Software, our customers can see how a real user experiences the performance of a web application vis-a-vis synthetic traffic that simulates a real user's device during a browsing session with the monitored application.

The Synthetic Monitoring Software can be deployed to our customers as a fully on-premise installation, consumed by our customers as software-as-a-service (SaaS), or made available as a "hybrid deployment" where the customer's on-premise AppDynamics software controller instance leverages our SaaS-based EUM Collector and EUM Cloud services (both discussed below) for temporary data processing.

The information below addresses SaaS and "hybrid deployment" versions of the Synthetic Monitoring Software; for fully on-premise installations, we do not have access to the data collected by the Synthetic Monitoring Software.

What data does the Synthetic Monitoring Software collect?

The Synthetic Monitoring Software generates simulated user traffic from geographic locations selected by our customer and then makes requests to the monitored application. This traffic-request simulation emulates the traffic load that a real user from the same geographic location would place on the monitored application. The Synthetic Monitoring Software then collects and processes metric performance data related to the relevant traffic-request simulation.

Our Synthetic Monitoring Software is designed to collect the types of performance data about the monitored application listed below. Which data types set out below are actually collected and processed by a customer's unique instance of our Synthetic Monitoring Software depends on how the customer chooses to configure their Synthetic Monitoring Software and the nature of their monitored application.

Application infrastructure usage data The Synthetic Monitoring Software can be configured to collect information regarding the performance of infrastructure components that support the monitored application during a user session. These performance data may include: web browser information (type, version), title of page visited, URL of page visited, and URLs of assets loaded on page.

Resource timing aggregation data This data class includes: webpage element load times, and timing of response from the application to relevant web servers.

Metrics related to the session The Synthetic Monitoring Software can be configured to collect the following session metrics: length of browsing session, time on a specific URL during session.

Script crash logs & error reports The Synthetic Monitoring Software administrator can enable the collection of script crashes and scripting errors executed within the synthetic agent for the monitored application.

Monitored application screenshots A screenshot of the viewable area is captured for each URL test or page within a synthetic session.

Personal data collection and processing

The Synthetic Monitoring Software does not involve, collect, or process personal data.

Where are data processed?

Data are collected by the AppDynamics Synthetic Monitoring Software agents, which are hosted in Amazon Web Services (AWS) and in IBM's Softlayer cloud infrastructure located around the world to enable a customer to see the impact of geographic traffic patterns on the monitored application. The data are then sent to the AppDynamics EUM software collector service (EUM Collector). The EUM Collector is hosted in Amazon Web Services (AWS) in AWS edge regions around the world in order to provide low latency connections to each customer device. The performance data are sent from the EUM Collector to the "EUM Cloud" where the data from worldwide EUM Collectors are aggregated. The AppDynamics controller downloads the aggregated data from the EUM Cloud once every minute for final processing, storage, and viewing by the customer.

For SaaS deployments, the the AppDynamics controller resides in our co-located data center located in Chicago, IL, United States, and leverages Amazon Web Services regions located in the United States as well as our EUM Collector and EUM Cloud services. For customers based in Europe, we offer a version of the Synthetic Monitoring Software that utilizes Amazon Web Services located entirely within the European Union and the EUM Collector and EUM Cloud services.

For "hybrid deployments," the AppDynamics controller resides in the customer's datacenter and leverages our EUM Collector and EUM Cloud services.

How is access to data controlled?

We use industry-standard techniques designed to restrict access to and to prevent unauthorized use of our information systems. We require the use of individual user accounts to maintain the integrity of audit trails. User and group management is centralized using single-sign-on systems and access to systems is subject to management approval. Access to all systems that process or store customer data are reviewed and re-approval is required periodically.

How long are data retained?

Information about data retention for the Synthetic Monitoring Software is set out in the relevant License Entitlement located at <https://docs.appdynamics.com/display/latest/License+Entitlements+and+Restrictions> .

Can I delete or rectify data?

Our customers may request information regarding the deletion of data, or make specific requests to have certain data deleted from our systems and records, by emailing privacy@appdynamics.com .

The Synthetic Monitoring Software collects data from various sources as described above. If the source data are incorrect then the collected data will be incorrect. It is not possible to correct the data within the product but if the source data are corrected, the next time the product collects the data, it will be accurate. Customers can submit deletion requests for inaccurate data.

Are the data encrypted?

Yes; our SaaS software products support encryption of customer data in transit and at rest, including backups.

How secure is the data?


We are committed at all levels to the security of customer data. We have developed a comprehensive security program and organization that is supported by leadership who are committed to proactively managing cybersecurity risk. By focusing on a secure-by-design approach, we seek to weave security into our development practices early and layer security across our architecture to protect its corporate services, supply chain, software distribution, and customer-facing services.

We implement process, and technical controls designed to manage cybersecurity risks. Controls may be physical, technical or administrative in their operation, and they may be preventative, detective, corrective, deterrent or recovery focused in their intent. Controls may include hardware and software functions, processes, and procedures, as well as organizational and managerial structures. Controls are reviewed periodically to ensure they are still appropriate.

We maintain a SOC 2 Type II certification. For more information, please visit <https://www.appdynamics.com/security> .

Third parties

We engage third-party service providers to help us provide our products and related services. We maintain an up-to-date list of such third parties and a description of their activities at <https://www.appdynamics.com/privacy/subprocessors> .

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