

Data Collection and Processing

Browser Real User Monitoring (BRUM)

Product Overview

At Cisco 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 Real User Monitoring software (BRUM Software), one of our end user monitoring (EUM) products, monitors the performance of our customers' browser-based applications through the lens of a user's journey and interaction with the monitored applications.

The BRUM 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 BRUM Software; for fully on-premise installations, we do not have access to the data collected by the BRUM Software.

What data does the BRUM Software collect?

Our BRUM Software is designed to collect the types of performance data about our customers' browser-based application(s) listed below. The data types set out below are actually collected and processed by a customer's unique instance of our BRUM Software depends on how the customer chooses to configure their BRUM Software and the nature of their monitored browser-based application(s).

IP address for user device

By default, the BRUM Software collects the geographic location of a user device at the time the device makes a connection to the monitored application. To resolve the location data, the user device IP address is combined with geo-location data. The resolved geo-location data is sent to our SaaS infrastructure. By default, the IP address of the relevant user device is discarded by our SaaS infrastructure and not retained. The customer's BRUM Software administrator can choose to change the default setting and configure their BRUM Software settings to retain the user device IP address from the data beacon that is sent to our SaaS infrastructure for processing.

Application infrastructure usage data

The BRUM Software can be enabled 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 the relevant web page.

Resource timing aggregation data

This data class includes: webpage element load times, URL of asset loaded to the page, and timing of response from the application to relevant web servers.

Metrics related to the session

The BRUM Software can be configured to collect the following session metrics: length of browsing session and calculated time on a specific URL during a session.

Error reports

The BRUM Software administrator can enable the collection of call stacks of crashes and errors within the application code.

Custom data collection

The customer's BRUM Software administrator may choose to enable the collection of customer parameter and/or payload information from within the browser-based application using the role-based access controlled data collector settings within the BRUM Software user interface or by writing javascript using our SDK that instruct the BRUM Software to collect any data that is accessible by the javascript within the customer's application code.

Data processed in end user's browser

BRUM Software uses short-lived cookies and local storage objects to enable calculating performance metrics, correlating browser events with business transactions, and keeping track of data sources.

The data objects processed by BRUM Software do not include personal data; any identifiers used are randomly generated.

For comprehensive information please refer to EUM Data documentation at <https://docs.appdynamics.com/latest/en/end-user-monitoring/eum-data>.

Personal data collection and processing

Cisco AppDynamics adheres to Cisco Online Privacy Statement. To learn more about the Cisco Online Privacy statement and how we process our customers' personal data, please visit <https://www.cisco.com/c/en/us/about/legal/privacy-full.html>

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 is data retained?

Information about data retention is set out in the relevant License Entitlement located at: <https://docs.appdynamics.com/latest/en/appdynamics-licensing/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 opening a ticket with our support teams.

AppDynamics 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. Customers can submit deletion requests for inaccurate data.

Is 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/trust-center/security>.

Third parties

We engage third-party service providers to help us provide our products and related services. More information about our third parties and a description of their activities is available at <https://www.appdynamics.com/trust-center/privacy#subprocessors>.