

Data Security Overview

DATA COLLECTION

ProdPerfect analyzes your existing web site traffic metadata and user flows to create a statistical simulation of that same traffic for browser automated regression testing.

WHAT DATA IS COLLECTED?

WE DO COLLECT:	WE DO NOT COLLECT:
Basic page information, including page title, description, URL, and HTTP referrer	Email addresses, passwords, or other personally identifying information (PII)
Time spent on each page	Credit card or other payment information from users
HTML elements that the user interacts with on the page, as well as their HTML and CSS attributes (minus blacklisted data types as below)	Any submitted form data, including names, addresses, hidden fields, or other content
City-level, IP-based geographical information of the user	IP address, anonymized or otherwise
Browser information, including: <ul style="list-style-type: none"> • The specific browser instance used, based on a random identifier in a tracking cookie, anonymized such that re-identification is not possible • Browser type (e.g. Chrome, Firefox, Edge) • User-specified browser language • Screen resolution • Platform (laptop, mobile phone) • Operating system of the user 	Uploaded file content
Optional collection of any customized data you explicitly request - custom collection will be reviewed by the ProdPerfect team.	

These data types may be collected if placed in the URL, page title, or HTML element attributes. Please do not place your users' credit card numbers in your page titles! In keeping with best web application best practices, no sensitive data should be placed in any URL parameters or HTML element attributes.

HOW DATA IS COLLECTED

Much like Heap, or Google Analytics, our snippet passively collects data from each of your web pages and sends them to our secure server. This comes with the caveat that JavaScript snippets like this are sometimes caught by ad-blockers, JavaScript blockers, and anti-tracking browser extensions. Depending on your users' predilection for ad-blocking, a purely custom JavaScript solution for data collection typically avoids such interactions.

We typically request that our customers run the script for five business days to collect a representative data sample. We can also configure our data collection to collect from a subset of your visitors, if a representative sample can be found.

SECURITY MEASURES OVERVIEW

Customer data is always encrypted

In transit: Up to TLS 1.2 (HTTPS)

At rest: AES-256

Hardening

ProdPerfect uses AWS-hardened system images
IAM Security groups

Vulnerability Management

Patches applied at least twice per month
for all servers

Critical security patches applied ASAP

Hosting Security

Entirely hosted within AWS data centers
Multiple regions and availability zones
Data center SOC 2 Type II and ISO 27001
audit reports available upon request

Workstation Security

Full Disk Encryption (FDE)
Automatic screen locking

Training

All staff receive security awareness training

Developers receive secure development training

Logging

Complete audit logs sent to AWS CloudWatch,
continuously monitored and retained indefinitely
Test suites are managed in git version control with
full history and audit logs

Access Control

We follow the principle of least privilege with
regard to access

Only employees with a business need are
authorized to access any portion of the
infrastructure

The list of people with privileged access is
reviewed periodically by management -
several times per year

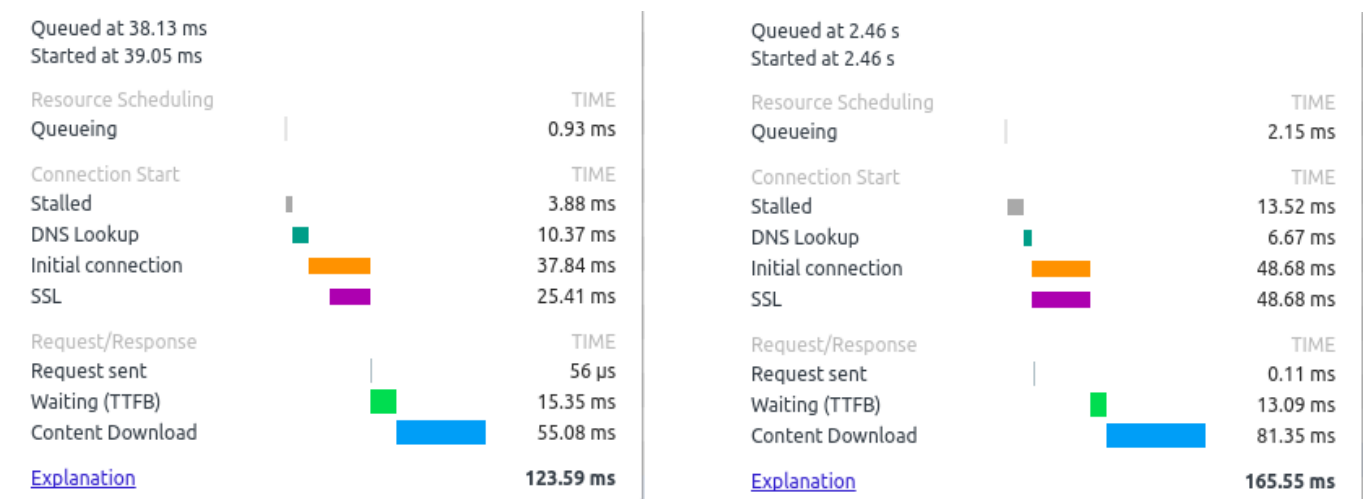
Relevant policy and procedures and artifacts of compliance supporting the security measures described above are available upon request.

GDPR

Our current default policy is to avoid collecting any personal information about your users (including IP addresses), and therefore to avoid being a Data Processor. For cases in which we must collect personal information about your users, we have a Data Processing Agreement (DPA) we can use. We are Privacy Shield certified and have an Independent Recourse Mechanism through PrivacyTrust to resolve any disputes.

SNIPPET IMPACT

The ProdPerfect snippet is less than 12kb and will typically load with other javascript on the page in a non-blocking fashion¹ in under 140ms, meaning your page load time should remain unaffected by the addition of this script. By comparison, the google analytics script is 17kb and loads, also in a non-blocking fashion, in 160ms. We use navigator beacons to send data asynchronously to minimize application impact.



FULL SNIPPET

The full snippet (and resulting data) can be provided upon request for examination by your development and testing team. The open source tracking libraries for our snippet can be found [here](#).

For additional questions please contact your sales rep and [CC security@prodperfect.com](mailto:CC_security@prodperfect.com)

¹That is, other scripts and features are loaded concurrently.

About ProdPerfect

ProdPerfect is the first autonomous, end-to-end (E2E) regression testing solution that continuously builds, maintains, and evolves E2E test suites via data-driven, machine-led analysis of live user behavior data.

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