



# HPE StormRunner Load

## Key benefits

- Scale from 1 to 1M+ users instantly
- Simple test execution in less than 10 mins
- Smart analytics for quick problem isolation

## At a glance

HPE StormRunner Load is a Software as a Service (SaaS) solution for Web and mobile application performance and cloud testing, for both internal and external applications. HPE StormRunner Load has self-service administration and enables project and agile teams to plan and execute agile performance testing and analysis of Web and mobile applications. Its capabilities include: performance test script authoring and editing at the user interface (UI) and application programming interface (API) layers of a Web or mobile application, test planning, system monitoring of the application under test, test execution and management of the cloud-based test infrastructure, and both real time and historical performance analysis of the application under test.

## SaaS description

The HPE StormRunner Load SaaS offering is an on-demand solution implementing cloud performance testing on Web and mobile applications. HPE StormRunner Load SaaS is hosted in HPE data center facilities with 24x7 remote support and includes the following:

- A dedicated HPE StormRunner Load tenant operated in the HPE data center to support your enterprise Web and mobile apps.
- HPE StormRunner Load SaaS includes HPE-provided compiled libraries, documentation, and materials (collectively “HPE StormRunner Load SaaS materials”) used to enable HPE’s provision of the HPE StormRunner Load service. These include HPE-provided compiled libraries, like HPE TruClient, when installed by you in your Firefox browser enable you to create performance test scripts quickly for use in HPE StormRunner Load.

## SaaS benefits

- Available immediately
- On demand
- Pay as you go
- Self-service administration
- Multi-tenant architecture
- Enterprise SaaS



### Increased agility

- Enable project teams to complete cloud performance testing earlier in the development lifecycle.
- Integrate with continuous integration platforms to automate cloud performance testing as part of the build process.
- Simplified realistic scripting with HPE TruClient graphical scripting technology.



### Enhanced insight

- Real-time analytics provides testers with visibility into system performance while the test is executing.
- Cloud testing with offline analysis helps to identify performance issues.
- Service-level agreement (SLA) parameters establish thresholds for successful test completion.



### Cloud-based scale

- Generate realistic load conditions from cloud-based load generators without any management overhead.
- Recreate massive load conditions from one virtual user to one million virtual users.
- Extend and re-use Web HTTP and TruClient scripts created using HPE LoadRunner and HPE Performance Center.

## Solution brief

### SaaS contact

HPE Software as a Service

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## SaaS offerings and terms

This SaaS offering includes a package of virtual user hours (VUHs) as purchased by the customer and an access to the application for test planning, test execution, and test analysis.

### Definitions

Virtual user (VU) means a software process emulating users executing a use case interaction against an application under test (AUT).

VUH means a single VU executing in a run against a single AUT for a one-hour period. The consumption of VUH is based on the combination of virtual users in a test and the test duration (rounded up to the next whole VUH).

**For purposes of this data sheet all references to VUH include API VUH or UI VUH.**

- Examples:
  - 1 VU running for 20 minutes = 1 VUH (rounds up to 1 VUH)
  - 2 VUs running for 20 minutes = 1 VUH (rounds up to 1 VUH)
  - 3 VUs running for 20 minutes = 1 VUH
  - 4 VUs running for 20 minutes = 2 VUHs
  - 10 VUs running for 1 hour = 10 VUHs
  - 10 VUs running for 2 hours = 20 VUHs
  - 10 VUs running for 30 minutes = 5 VUHs (30 minutes x 10 VUs = 300 minutes or 5 VUHs)
  - 10 VUs running for 35 minutes = 6 VUHs (35 minutes x 10 VUs = 350 minutes or 6 VUHs—rounded up)
  - 20,000 VUs running for 30 minutes = 10,000 VUHs

- An API VUH is limited to access at the network API level. For example, HTTP requests and responses without rendering the UI. The API VUH is only able to execute HTTP and the TruAPI scripts.
- The developer VUH allows running open source scripts such as JMeter.
- A UI VUH is limited to UI level. For example, a user clicking a button. Since the UI has to be rendered for each VUs, these VUs consume significant more processing resources. The UI VUH is only able to execute TruClient scripts.

Access to the service and the associated test result data will be available for 30 days following the termination of a month-to-month or term subscription.

- VUH will be rounded to a full hour upon consumption. For example,
  - One VU running for 40 minutes will be charged for one hour.
  - 10 VUs running for 10 minutes will be charged for two hours (100 minutes rounded up).
- Tests that were not executed due to a system error will not be charged.
- Aborted tests will be charged for the duration of the actual run.

The SaaS is only to be used to conduct performance testing of applications and sites that the customer is authorized to test.

Learn more at  
[\*\*hpe.com/software/stormrunnerload\*\*](http://hpe.com/software/stormrunnerload)



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