

Page Timeout

Timeout is the maximum amount of time for receiving any response to an HTTP request. Like in physical browsers, a virtual user will stop sending new requests after the number of its pending requests reaches a certain browser-specific limit. The VU will resume sending requests only after some responses are received, so the number of open connections does not exceed the limit. If the server stops responding, the load test will halt. To avoid this situation, StresStimulus has a timeout mechanism allowing tests with very slow responses to complete faster. Any request which does not receive a response after the timeout will be aborted and marked as a Timeout, so the load test can continue without waiting for such very slow responses. All timeout occurrences are reported in the test error log. The timeout HTTP requests are excluded from response time calculations.

To set or change request timeout use the following information:

1. Default timeout

- The initial default timeout value is 60 seconds for all requests.
- If you change the test case **Default Timeout(s)** property (a), then the timeout of every request for which the **timeout (s)** property was not modified, will be equal to the new default timeout.

The screenshot shows the StresStimulus interface with the 'EStore' test case selected. The 'Workflow Tree' on the left lists various components like Authentication, Source Variables, Extractors, Datasets, Data Generators, Functions, Scriptable Vars, Parameters, Response Validators, Verify & Auto-config..., Managing Test Case(s), Test Profile, Other Options, Run and Monitor Test..., and Analyze Results. The main panel displays the 'EStore' test case details in a table:

Object type	Test Case
Name	EStore
Description	
Recorded On	6/2/2017 9:58 AM
URLs	7
Request Size (KB)	4
Response Size (KB)	34.9
Duration (s)	60.526
Default Goal (s)	15
Request Timeout	Enabled
Default Timeout (s)	60
Ignore Schema Change?	No
Think Times Between Pages	Constant
Page Think Time (s)	2
Think Times Between Transactions	Constant
Transaction Think Time (s)	2
Delay after the test case	Zero
Cache Control	Disabled
VU restarting browsers %	100

Below the table, the 'Default Timeout (s)' property is defined: 'The default timeout for all requests in the test case'.

- ## 2. Individual request timeout.
- To override the request default timeout value, change its **Timeout(s)** property in the property grid of the **Request object**.

The screenshot shows the StresStimulus interface with the 'Books' request selected. The 'Workflow Tree' on the left is the same as in the previous screenshot. The main panel displays the 'Books' request details in a table:

Object type	Session
Host	estore-sample.stresstimulus.com
Path	/
Query	
Timeout (s)	60
Caching Rules	Not Cached
Ignore warnings/errors?	No

Below the table, the 'Timeout (s)' property is defined: 'The maximum amount of time for receiving the request. A timeout error is triggered if the session's response time exceeds the Timeout.'



Note: You can disable Timeouts for certain test cases. To do so, in the test case property grid, change the **Request Timeout** property to **Disabled**. Use **Disabled** for determining response times of slow requests. However, this may cause long or indefinite wait times during the test run.