

Configuring a Test

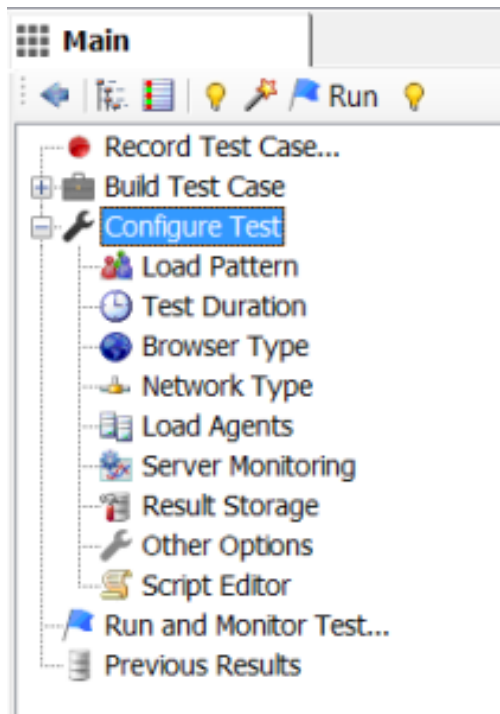
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StresStimulus generates test workload by executing several procedures:

- **Completing test iterations.** StresStimulus replays a test case once per VU. A test iteration is a basic unit of load test.
- **Implementing a load pattern.** StresStimulus instantiates a certain number of VUs at certain moments. Two load patterns are supported: **Steady load** and **Step load** (see [User Interface Reference -> Load Pattern](#)).
- **Emulating a VU load.** After the VU is instantiated, test iteration completes multiple times until test ends.
- **Ending a test.** StresStimulus registers the moment a test completion condition occurs and finalizes the test according to selected test completion method (see [User Interface Reference -> Test Duration](#)).

These procedures are executed independently and concurrently. As a result, multiple VUs may be instantiated at different times, and each of them emulates the load by looping through their respective iterations independently until the test tends. If the test consists of several test cases, then different VUs will loop through different test cases.

All steps of configuring a test are performed on the **Main** tab on the third sections in the Workflow Tree, **Configure Test**.



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