

Configuring Load Distribution

The number of VUs emulated by a Load Agent is proportionate to its VU weight.

1. Enter the desired **VU weight** for each agent. To disable a Load Agent, set its **VU weight** to zero.
2. To verify how the controller is going to distribute VUs, click **Test connections to the Load Agents with non-zero VU weights**. This operation will re-test the connections as well.
3. The expected number of VUs will be displayed in the property grid.

Test connections to the Load Agents with non-zero VU weights

MyAgent-1 (weight: 1, VUs: 25)

Agent Name	MyAgent-1
Host / IP Address	10.0.2.121
Mix Weight	1
Starting thread count	1
Start VUs	5
Step VU Increase	5
Max VUs	25

Mix Weight
Relative number of VUs (in units or percents) emulated on the Load Agent. To disable the Load Agents, set its mix weight to zero.

Note: If you set the Local agent's mix weight to 0 then it will not create any VUs, and will act solely as a Controller.

Distribution w/ multiple test cases

If a test has more than a one load generator and more than one test case, then the question becomes, how many VUs will execute a given test case.

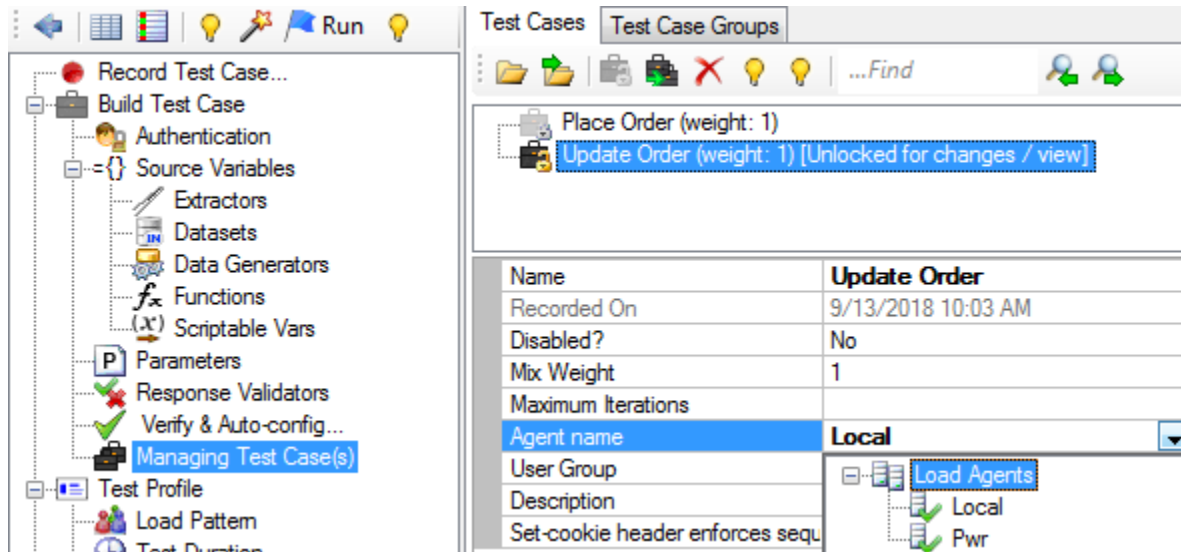
1. First, the VUs are distributed between all load generators.

2. Then each load generator distributes test cases by their mix weights as described [here](#) or TC Group as described [here](#).

Isolating test cases to specific agents

If you wish to have a test case (or TCGroup) execute only on a specific agent then in Managing Test Cases(s) node, select the test case and set the **Agent name** property to the desired agent.

If the Agent name property is empty, then the test case will execute on all agents.




The screenshot displays the JMeter GUI. On the left, the 'Managing Test Case(s)' node is selected. The main panel shows a list of test cases: 'Place Order (weight: 1)' and 'Update Order (weight: 1) [Unlocked for changes / view]'. Below this list is a table of properties for the selected test case.

Name	Update Order
Recorded On	9/13/2018 10:03 AM
Disabled?	No
Mix Weight	1
Maximum Iterations	
Agent name	Local
User Group	
Description	
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Below the table, the 'Load Agents' tree is visible, showing 'Local' and 'Pwr' agents. The 'Local' agent is selected.

Note

 For more information on how the VUs will be distributed using agent designation click [here](#).