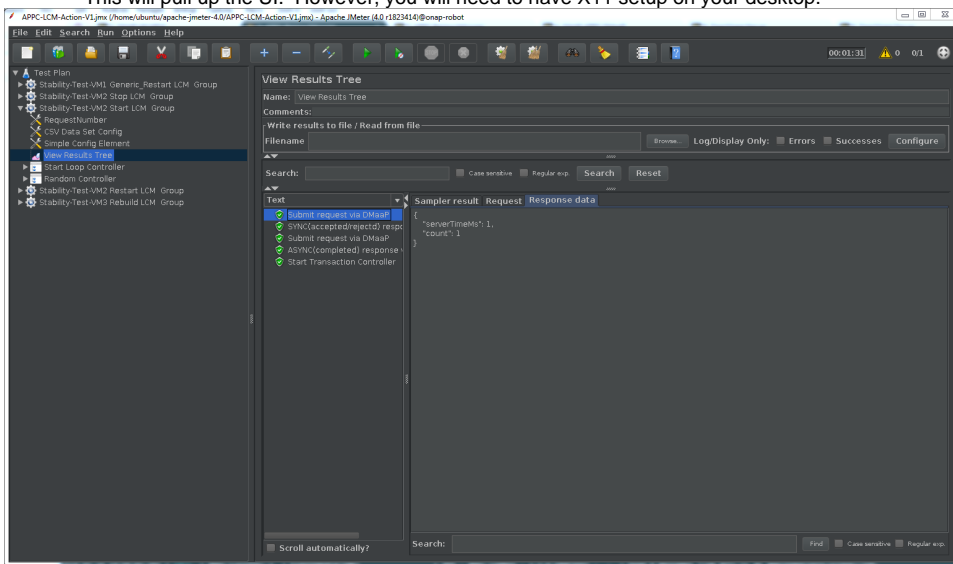


Testing with JMeter

apache-jmeter-4.0

The APPC Test Client VM (robot VM) 10.12.5.54 contains a folder "apache-jmeter-4.0" which is home to APACHE JMeter along with APPC-Tests. The APPC-Tests subfolder contains jmx files that can be utilized to run specific APPC LCM Actions. The tests can be executed either command line or via the UI.

- Beijing JMeter code can be found [here](#).
 - APPC-LCM-Action-V1.jmx
 - appc-lcm-test.csv, appc-lcm-test-Stability-Test-VM2.csv, appc-lcm-test-Stability-Test-VM3.csv
 - The csv files are utilized by the JMeter APPC-LCM-Action-V1.jmx to identify "DMaaP IP,DMaaP READ Topic,DMaaP WRITE Topic, vnf-id,vm-id"
- Command Line (The example below is executing the test from the testing->apache-jmeter-4.0->APPC-Tests folder):
 - `./bin/jmeter.sh -n -L DEBUG -t APPC-LCM-Action-V1.jmx l APPC-LCM-Action-V1.jtl`
 - The jmx file actually contains the test "script" and the jtl file is the formatted test results file.
 - Check out the jtl file to see the results of your tests.
- Executing JMeter from the UI:
 - `/home/ubuntu/testing/apache-jmeter-4.0/jmeter`
 - This will pull up the UI. However, you will need to have X11 setup on your desktop.



- Clicking on the "View Results Tree" will display the results tree.
 - Submit request - Actual request submitted
 - SYNC response - DMaaP Accept/Failure response
 - ASYNC Response - APPC Response on whether the action was a SUCCESS or FAILURE
 - Start (Or whichever action is being tested) Transaction Controller - Transaction result (Green for success and Red for failure)