**Write UP**

Executing your jmeter script on multiple server

When to do:

Suppose we have many scripts and we want to execute them on different machine

Suppose we have requirement to do performance testing for set of servers in a region

Performance testing on different OS

In distribute setup we will have

  > 1 Master node

 > multiple Remote host server

On the main server -> we will write the script

We will sue our current laptop to act like a

Master node and also as a Remote host server

Installation requirements:

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Master node:

 Java >= 8

 Jemter 5.6.3

Remote server:

 Java >= 8

 Jemter 5.6.3

All the nodes should have same java and same jmeter.

Step1 : decide which server will your remote server

Get the ip address of current laptop

> open command prompt > execute command -> ipconfig

Execute the command-> from the output -> copy the IPV4 address

Mine is:

 IPv4 Address. . . . . . . . . . . : 192.146.67.89

Step 2:

We need update Jmeter about our remote servers ip address

> Go to jmeter/bin folder

> find a file with name jmeter -> type is properties file

Step 4: Opent he file

And scroll down till you see the section

#---------------------------------------------------------------------------

# Remote hosts and RMI configuration

#---------------------------------------------------------------------------

In this section we have to add remote \_hosts field with our ipaddress

Next scroll up to the top and search for below entry

server.rmi.ssl.disable=false

And remove the hash(#) before  server.rmi.ssl.disable=false

Change the value of false to true

Savethe file and close it.

Also close the jmeter and restart it.

You will be able to see remote hosts in the Run options of jmeter

Step 4:  This step is not required with the latest version of jenkins

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Generate rmi keys for jemter to send requests to remote servers

> go to jmeter → bin folder

> search for a file with name

create-rmi-keystore -> type windows batch file

Double click on the file → it will execute and open the command prompt

Press enter and in few seconds, the command prompt will close.

You will able to see a file with name

> rmi\_keystore.jks  in the bin folder

Step 5: master connects to remote server

In the bin folder

Search for a file with name as jmeter-server  -> type should be windows batch file

Double click on the above file -> it will open a command prompt and connect to remote server by itself

Key the command prompt open. Dont close it

Stop the jmeter and restart

Add a script and go Run options → run start → select your server

Record the script using blaze meter for simplilearn webpage

Add listeners, timers on the test and run it on the remete server