32.Write a program to demonstrate distributed config on JMeter

To demonstrate distributed configuration on JMeter, you will need to have multiple JMeter servers installed and configured. Once you have your servers in place, you can follow these steps:

Create a JMeter test plan and save it to a shared location.
On the master JMeter server, open the test plan and click on the Remote Start button.
Select the slave JMeter servers that you want to use in your distributed test and click on the Start button.
The master JMeter server will now start sending requests to the slave JMeter servers.
You can view the results of your distributed test on the master JMeter server.

Distributed set up

Distribute set up in Jenkins

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> when we have many scripts to eb executed using many users and using many servers

> when you have requirement to do performnace testing a particular region of user

> when testing has to be done on different platform

> indistributed set up we will ahve 1 main jmeter server and jemeter scripts/samplers

> We will have host servers that will act as workers where script will be executed remotely

Distributed Set up:

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master node:

- java version >= 8

- environment variables for java have to be set

- Jmeter 5.6.2

Remote machine:

- java version >= 8

- environment variables for java have to be set

- Jmeter 5.6.2

Distributed set up we will use same machine as master and as slave

Step 1: ipaddress of current laptop:

> open command prompt > execute command ipconfig

 IPv4 Address. . . . . : 192.168.1.7

Step 2:

> go apache jmeter foler/bin

> open the jmeter properties file

> make changed to remote_hosts section

> Add the remote_hosts = 192.168.1.7