

## SOURCE CODE:

### Master node:

Java >= 8

Jemter 5.6.3

### Remote server:

Java >= 8

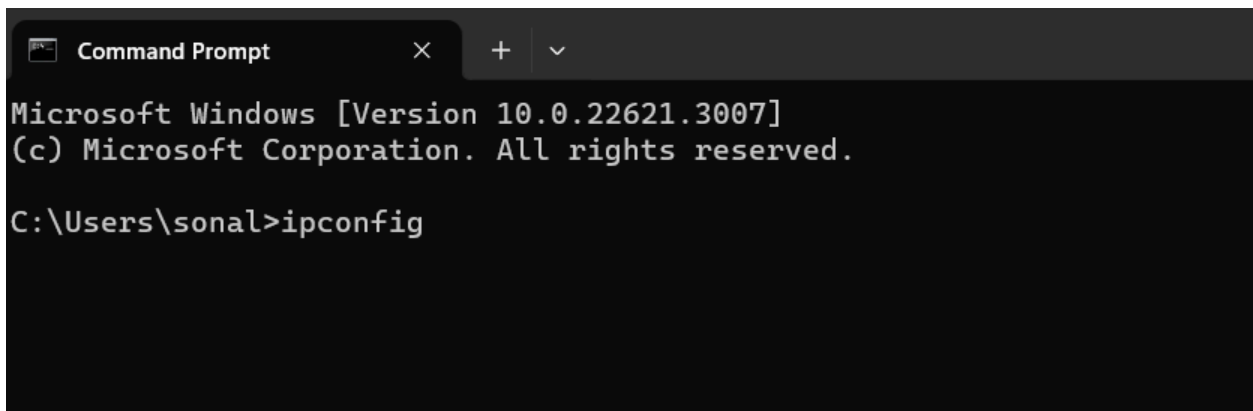
Jemter 5.6.3

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



```
Command Prompt
Microsoft Windows [Version 10.0.22621.3007]
(c) Microsoft Corporation. All rights reserved.

C:\Users\sonal>ipconfig
```

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

Mine is:

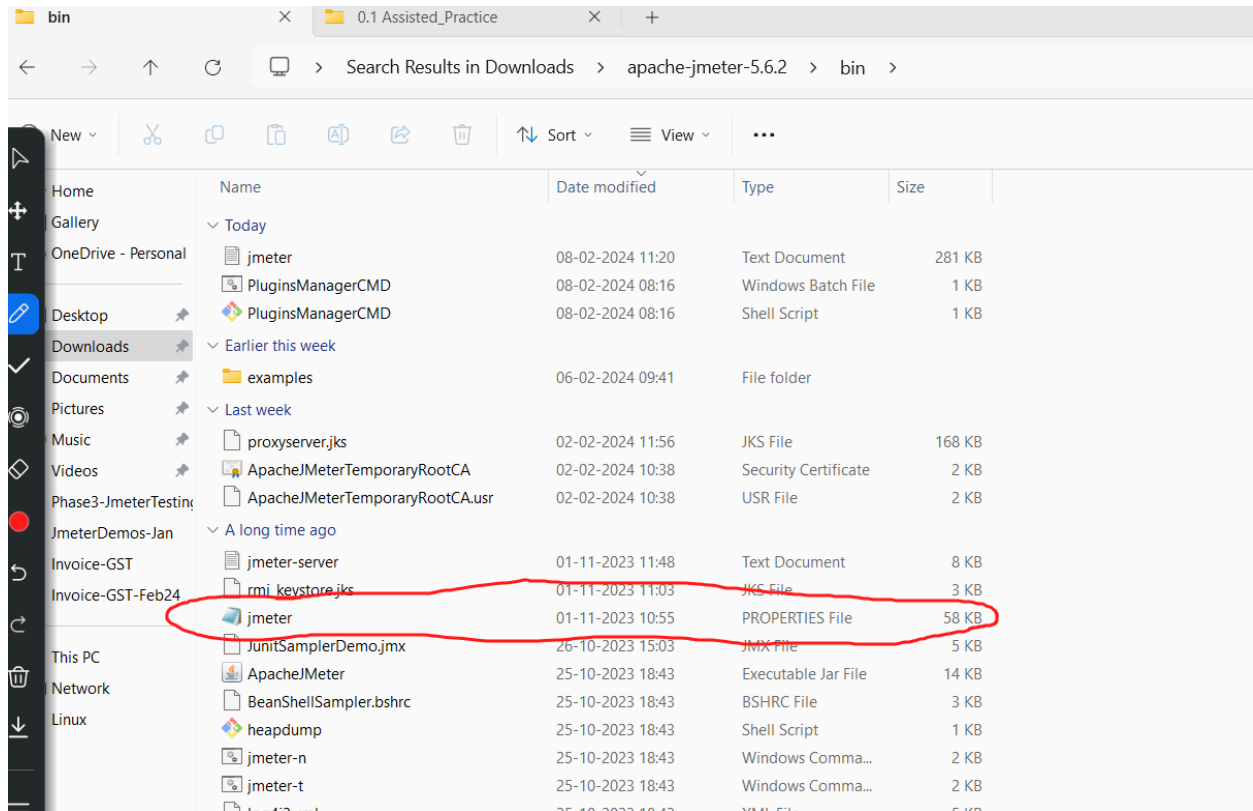
IPv4 Address. . . . . : 192.146.67.89

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**

```
#-----  
# Remote hosts and RMI configuration  
#-----  
  
# Remote Hosts - comma delimited  
#remote_hosts=127.0.0.1  
remote_hosts=192.168.1.7  
#remote_hosts=localhost:1099,localhost:2010  
  
# RMI port to be used by the server (must start rmiregistry with  
#server_port=1099
```

Next scroll up to the top and search for below entry

```
server.rmi.ssl.disable=false
```

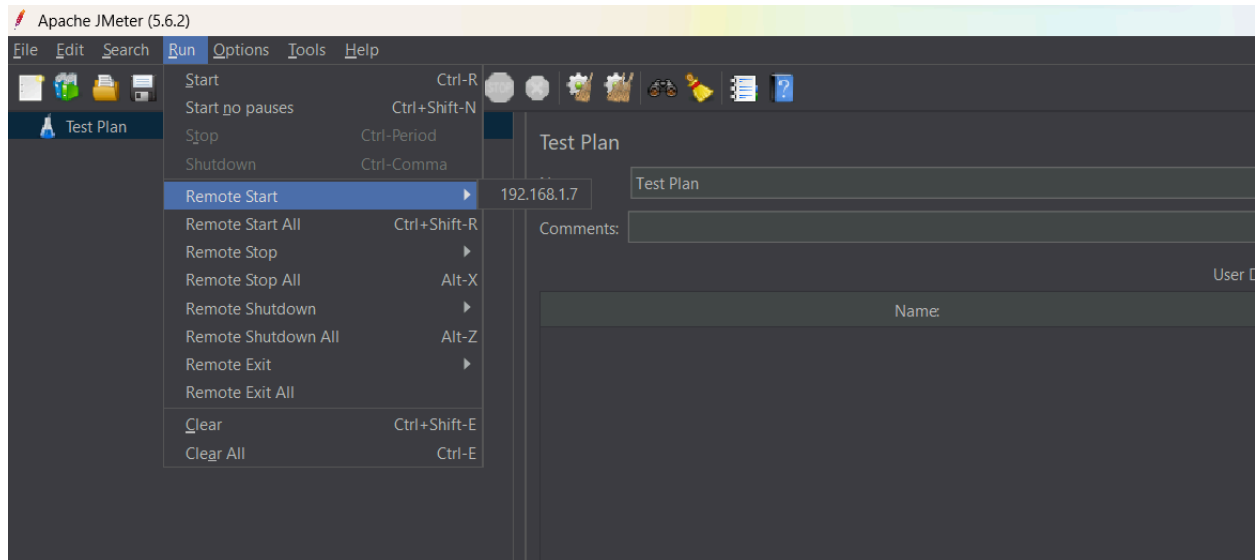
And remove the hash(#) before `server.rmi.ssl.disable=false`  
Change the value of false to true

```
#  
# Set this if you don't want to use SSL for RMI  
server.rmi.ssl.disable=true  
#-----  
# Include Controller  
#-----
```

Save the file and close it.

Also close the jmeter and restart it.

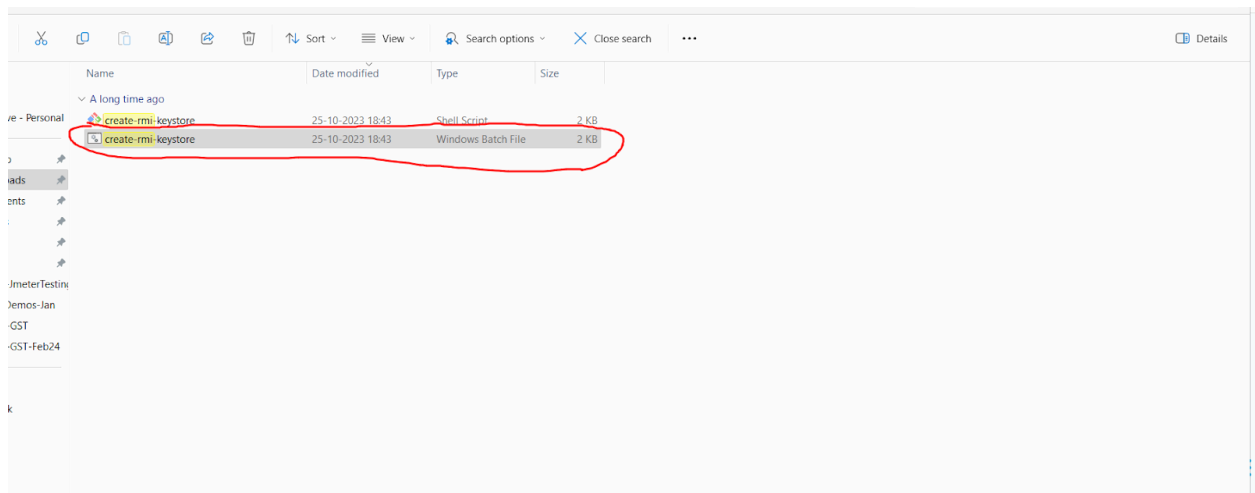
You will be able to see remote hosts in the Run options of jmeter



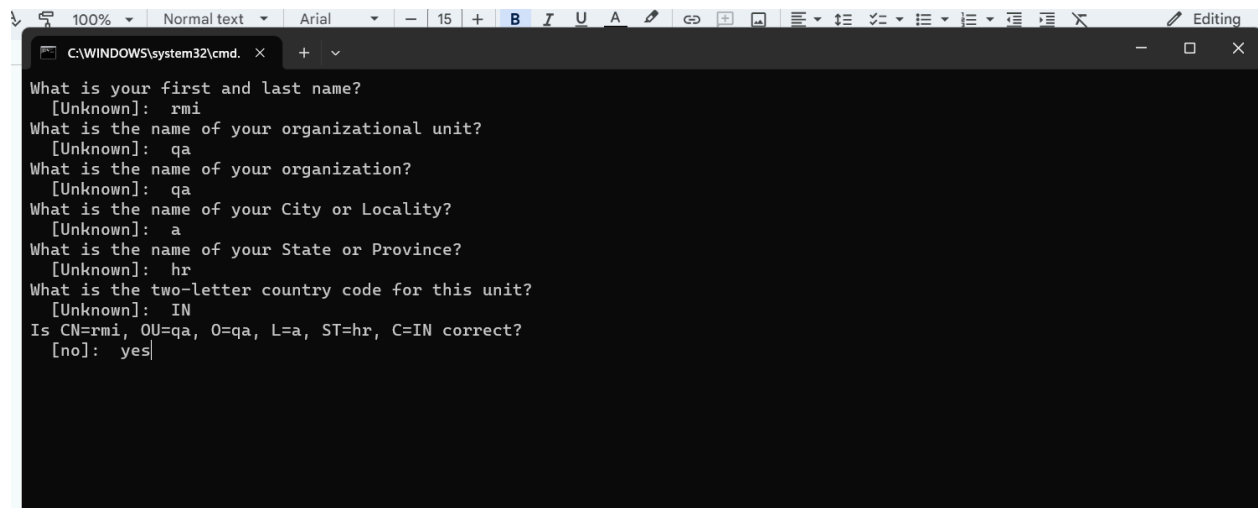
**Step 4: This step is not required with the latest version of jenkins**  
 =====

**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

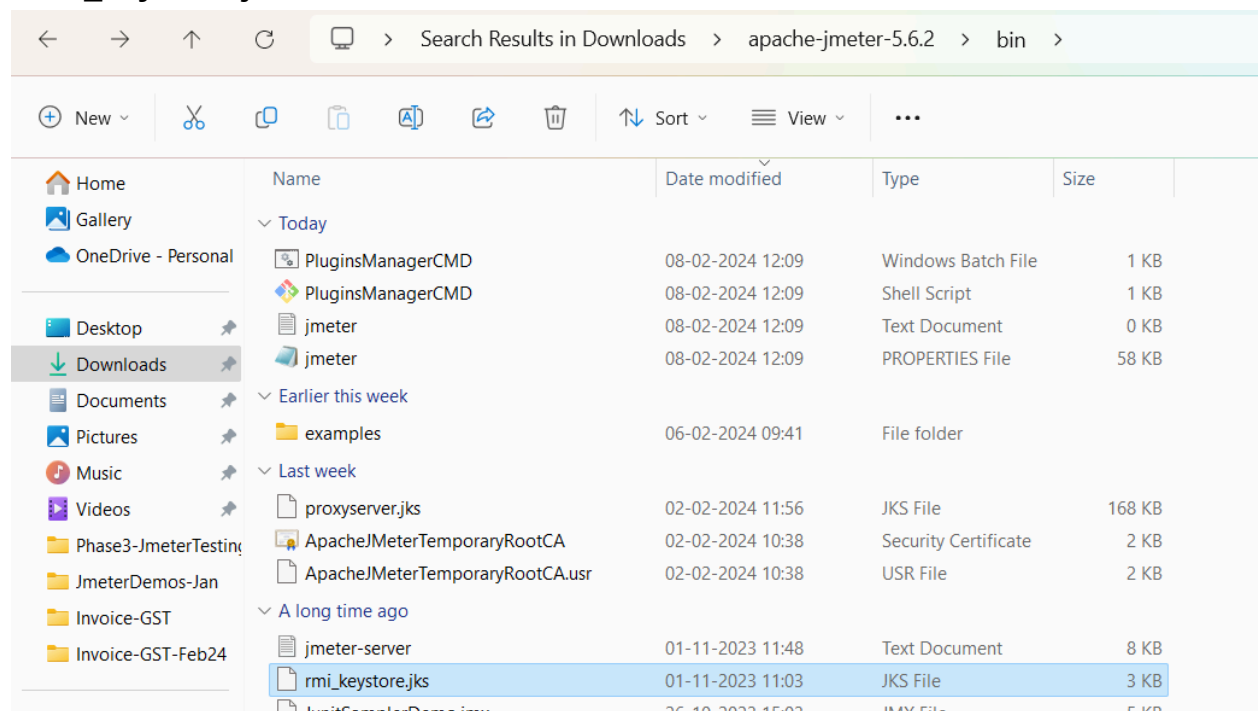


```
C:\WINDOWS\system32\cmd. x
What is your first and last name?
[Unknown]: rmi
What is the name of your organizational unit?
[Unknown]: qa
What is the name of your organization?
[Unknown]: qa
What is the name of your City or Locality?
[Unknown]: a
What is the name of your State or Province?
[Unknown]: hr
What is the two-letter country code for this unit?
[Unknown]: IN
Is CN=rmi, OU=qa, O=qa, L=a, ST=hr, C=IN correct?
[no]: yes
```

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**

jmeter-server	25-10-2023 18:43	Windows Batch File	3 KB
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**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**

```
C:\WINDOWS\system32\cmd. x + v
Changing to JMeter home directory
Could not find ApacheJmeter_core.jar ...
... Trying JMeter_HOME=..
Found ApacheJMeter_core.jar
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
Created remote object: UnicastServerRef2 [liveRef: [endpoint:[192.168.1.7:56740](local),objID:[36ea0d:18d877be348:-7fff,7648946249651085189]]]
```

**Stop the jmeter and restart**

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

