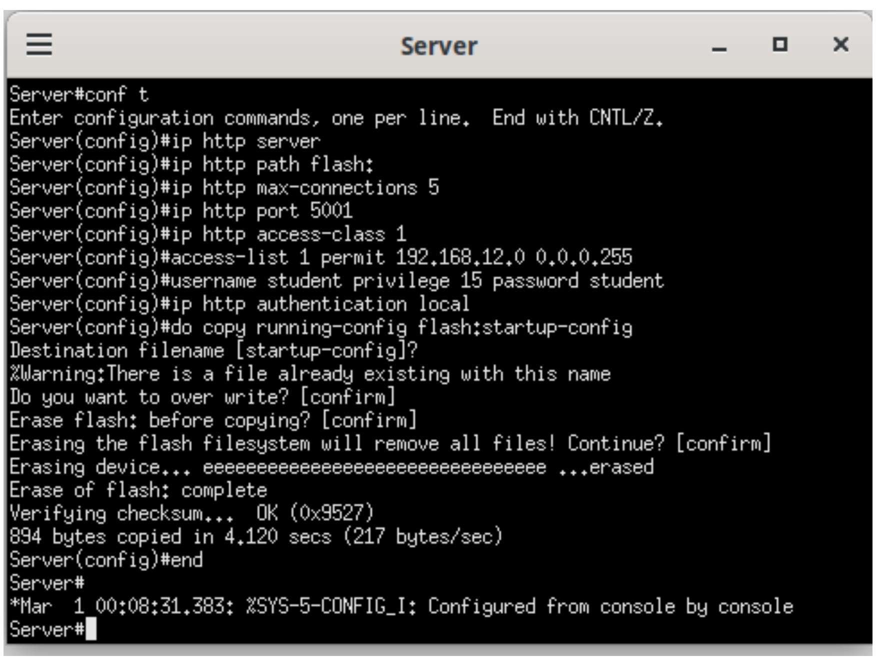
Lab – 3: GNS3 and Cisco Packet Tracer Documentation

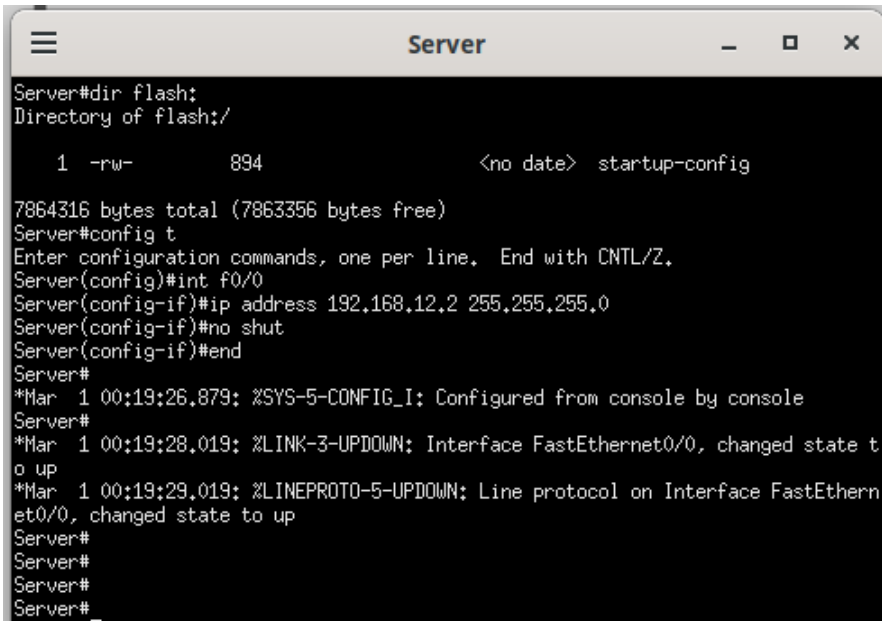
GNS3

Arrangement of Routers as Client and Server:

Configuration of server Part – 1:



Configuration of server Part – 2:

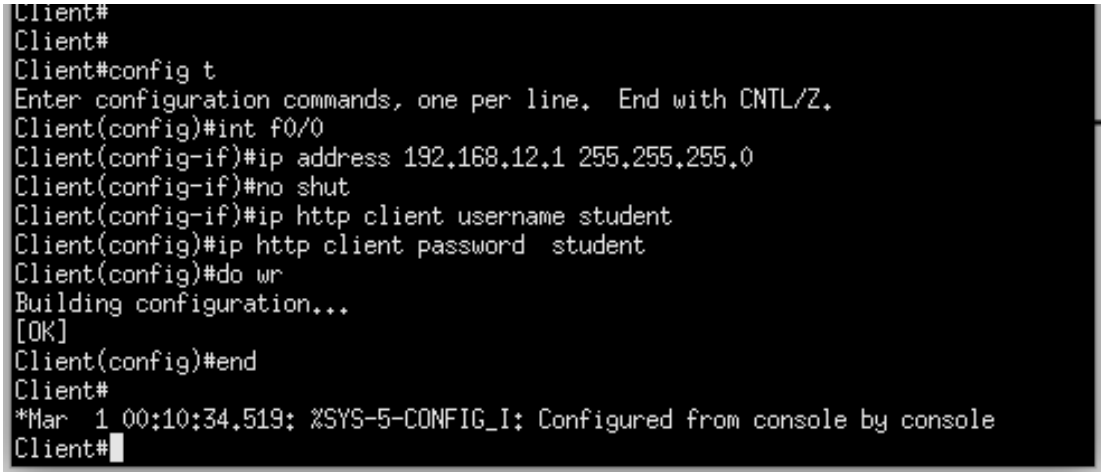


Code (at server):

```
conf t
ip http server
ip http path flash:
ip http max-connections 5
ip http port 5001
ip http access-class 1
access-list 1 permit 192.168.12.0 0.0.0.255
username student privilege 15 password student
ip http authentication local
do copy running-config flash:startup-config
end

# Part 2 – same server
Dir flash:
config t
int f0/0
ip address 192.168.12.2 255.255.255.0
no shut
end
```

Client Configuration:



Code (at client):

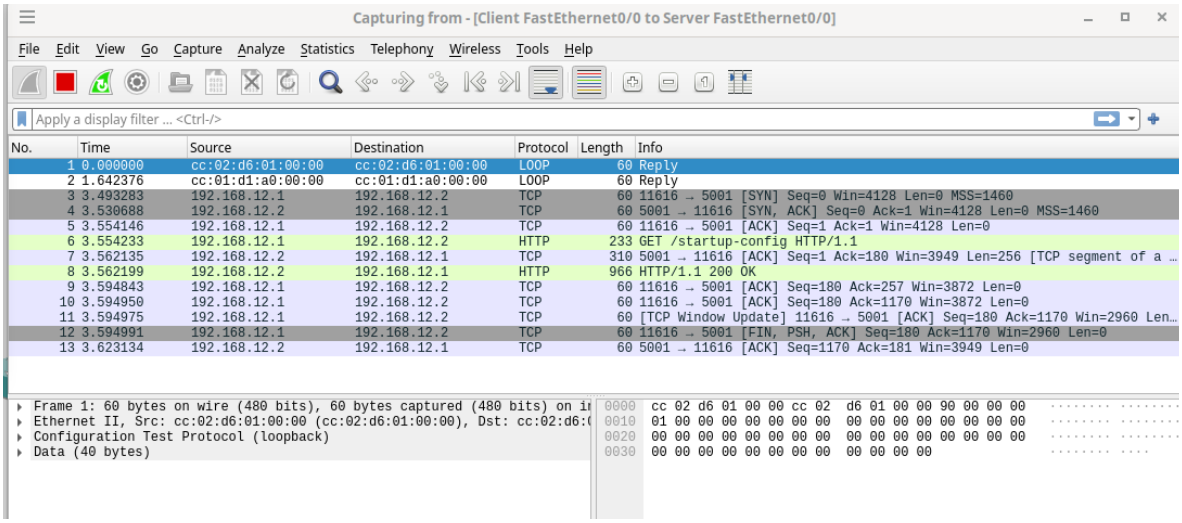
```
# Configuration code
config t
int f0/0
ip address 192.168.2.1 255.255.255.0
no shut
ip http client username student
ip http client password student
do wr
end
```

Code (connecting to server from client end):

```
# Connecting to HTTP server from client end
copy http://192.168.12.2:5001/startup-config null:
```

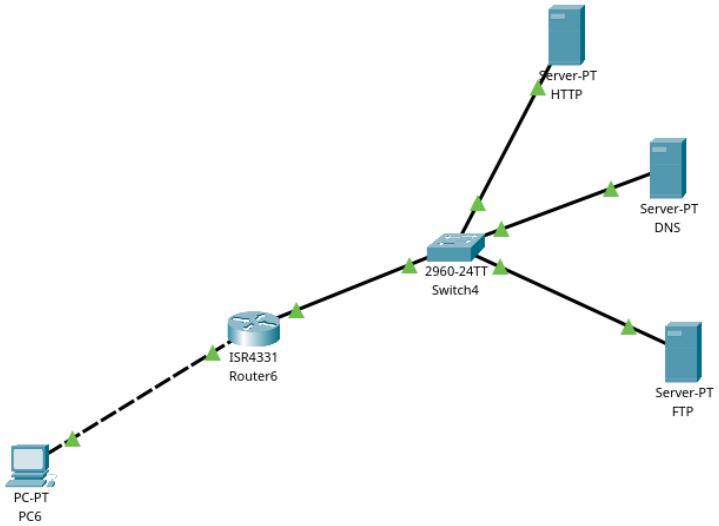
Connecting with the Server from Client:

Captured Packets:

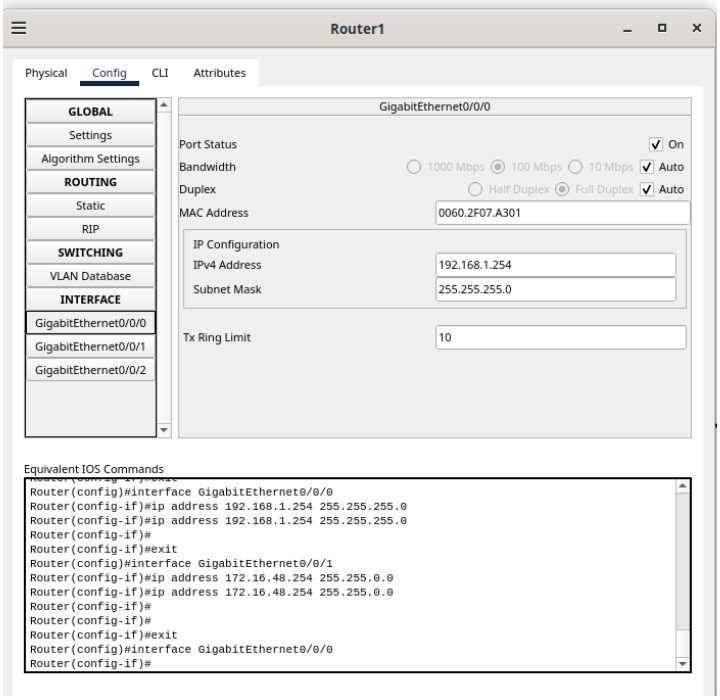


Cisco Packet Tracer

Arrangement of PCs, Routers, Servers and Switches:



Router configuration:
(configuration of other devices as per lab manual)



Connecting to HTTP Server from VPC: