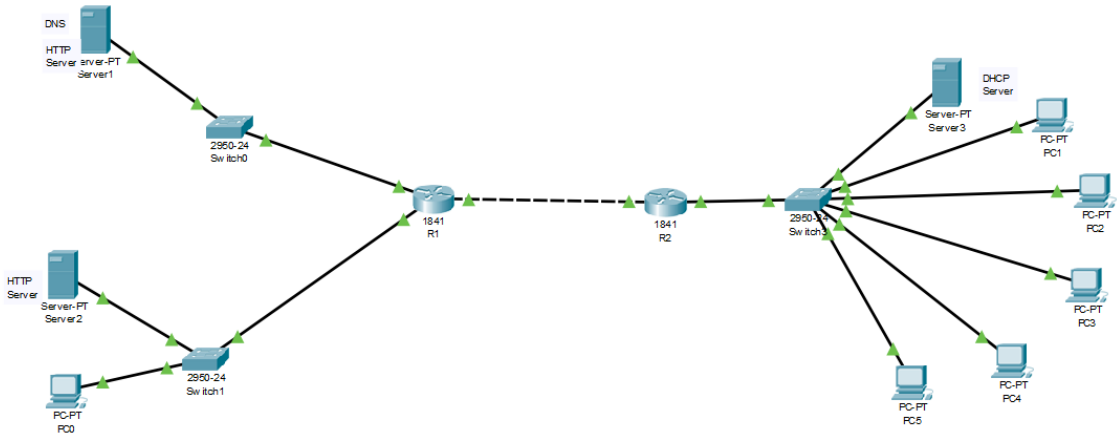
Nama : Listian Prihutomo

NIM : L200170175

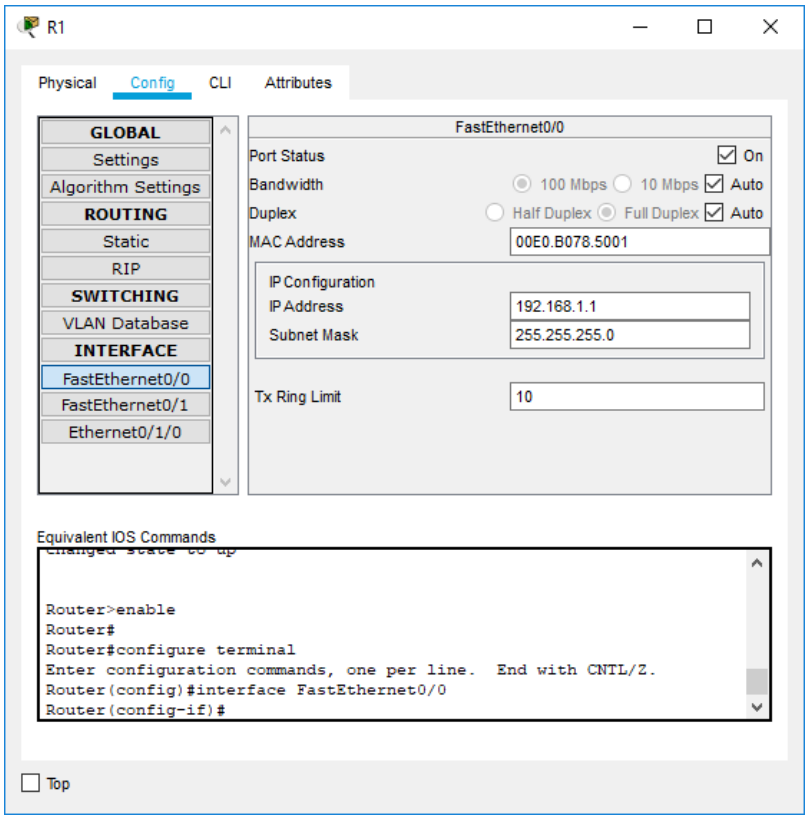
Kelas : D

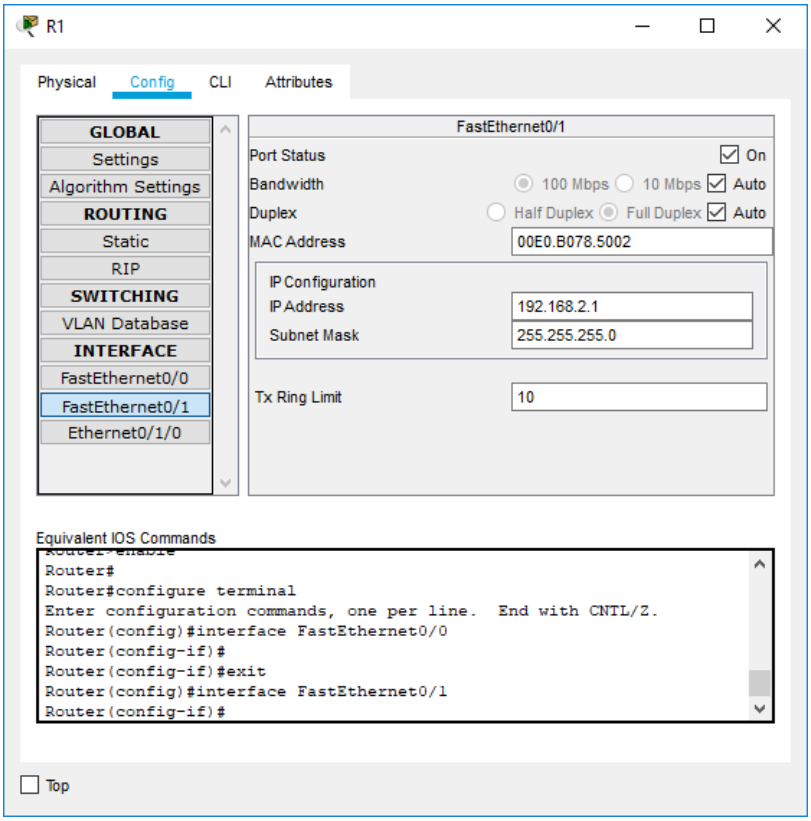
KUIS PRAKTIKUM JARKOM

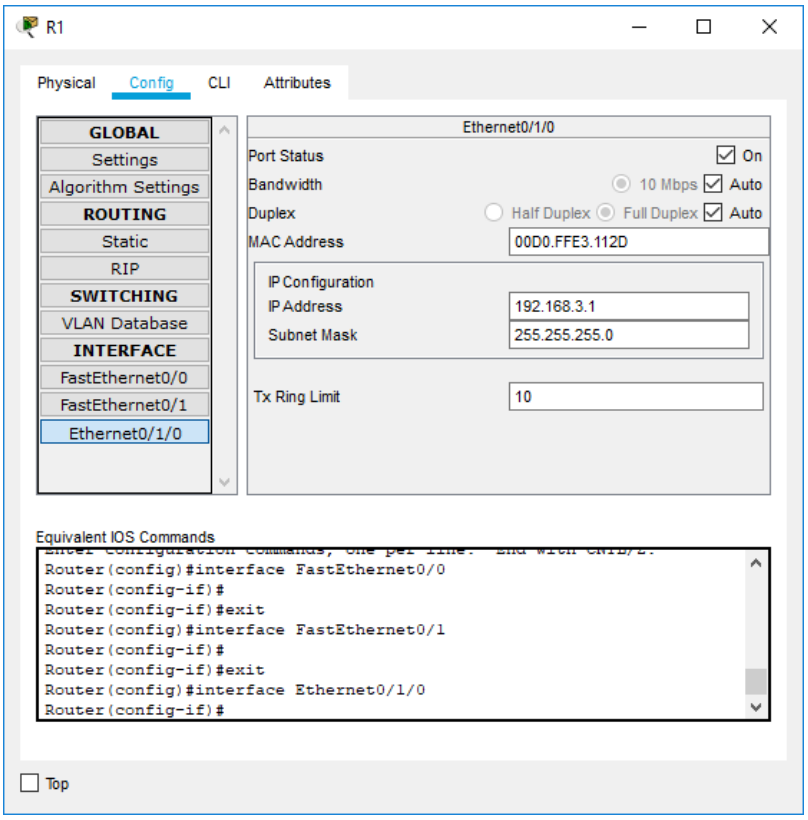
1. Membuat topologi dengan tiga buah jaringan terdiri dari dua buah router, tiga buah server (DHCP, DNS, HTTP Server) dan enam buah PC Workstation



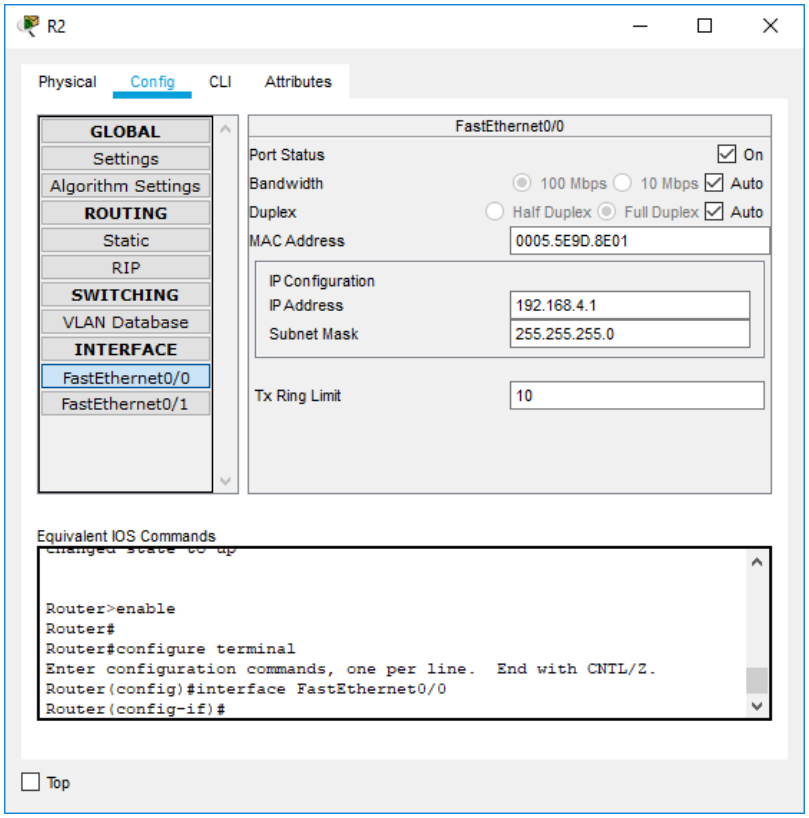
2. Konfigurasi pada Router 1 (R1)

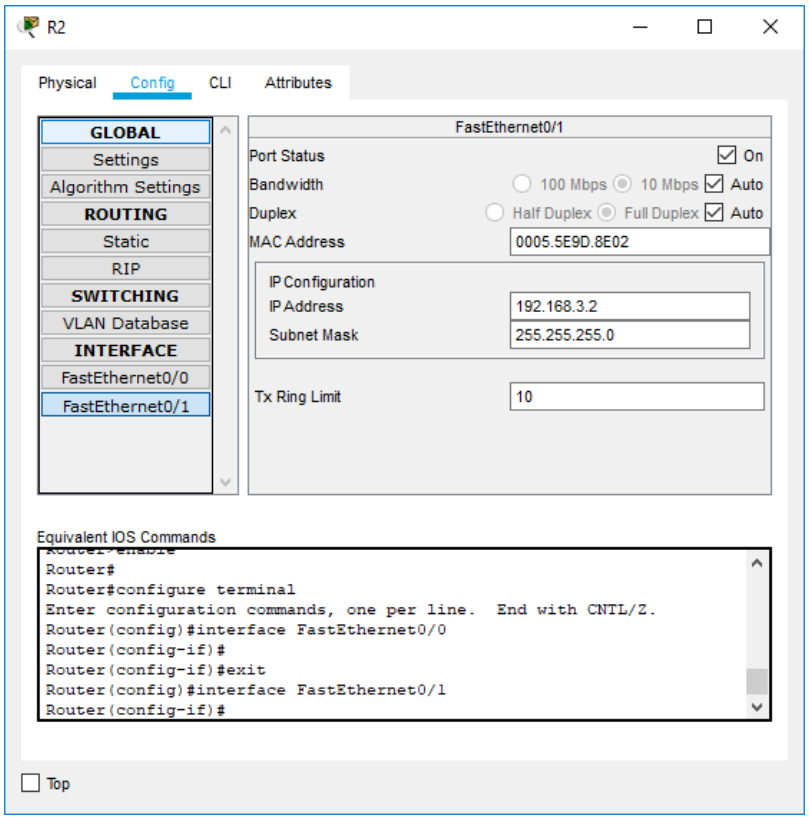



R1
Physical
Config
CLI
Attributes
GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
SWITCHING
VLAN Database
INTERFACE
FastEthernet0/0
FastEthernet0/1
Ethernet0/1/0
FastEthernet0/1
Port Status
On
Bandwidth
100 Mbps
10 Mbps
Auto
Duplex
Half Duplex
Full Duplex
Auto
MAC Address
00E0.B078.5002
IP Configuration
IP Address
192.168.2.1
Subnet Mask
255.255.255.0
Tx Ring Limit
10
Equivalent IOS Commands
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Top

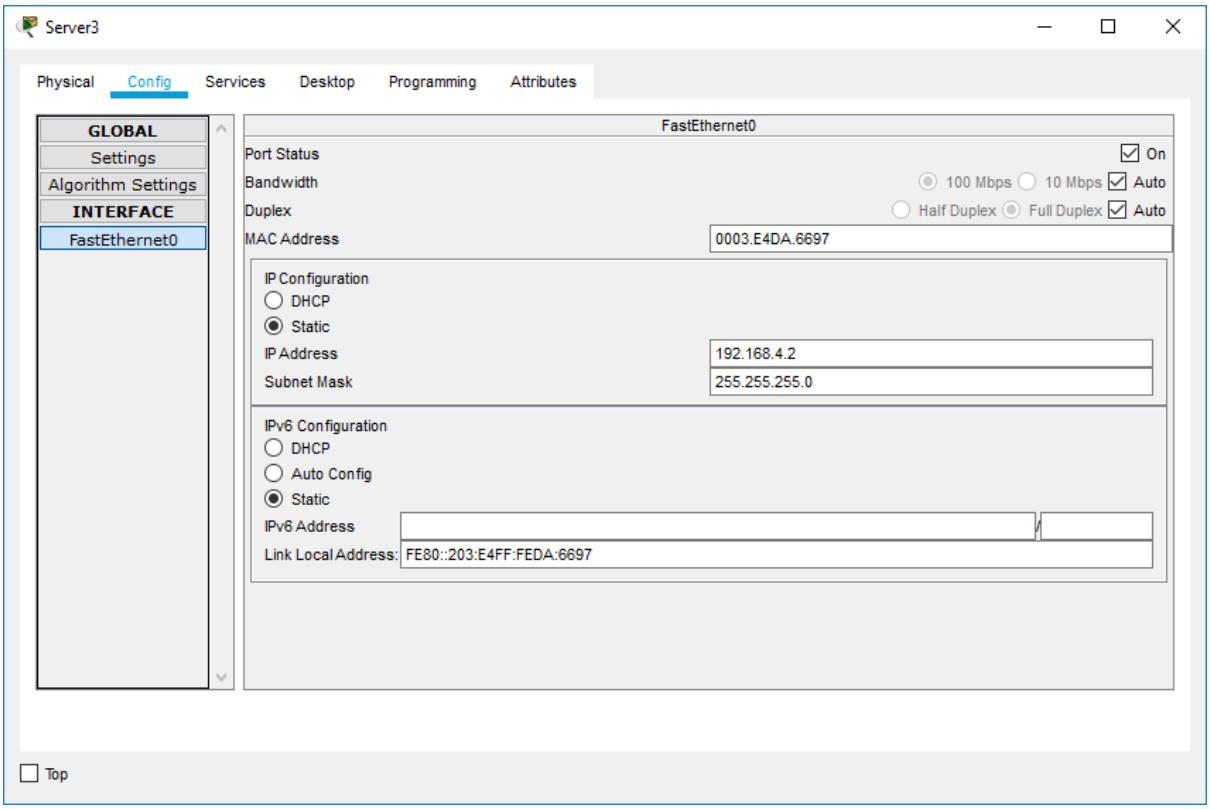

R1
Physical
Config
CLI
Attributes
GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
SWITCHING
VLAN Database
INTERFACE
FastEthernet0/0
FastEthernet0/1
Ethernet0/1/0
Ethernet0/1/0
Port Status
On
Bandwidth
10 Mbps
Auto
Duplex
Half Duplex
Full Duplex
Auto
MAC Address
00D0.FFE3.112D
IP Configuration
IP Address
192.168.3.1
Subnet Mask
255.255.255.0
Tx Ring Limit
10
Equivalent IOS Commands
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Ethernet0/1/0
Router(config-if)#
Top

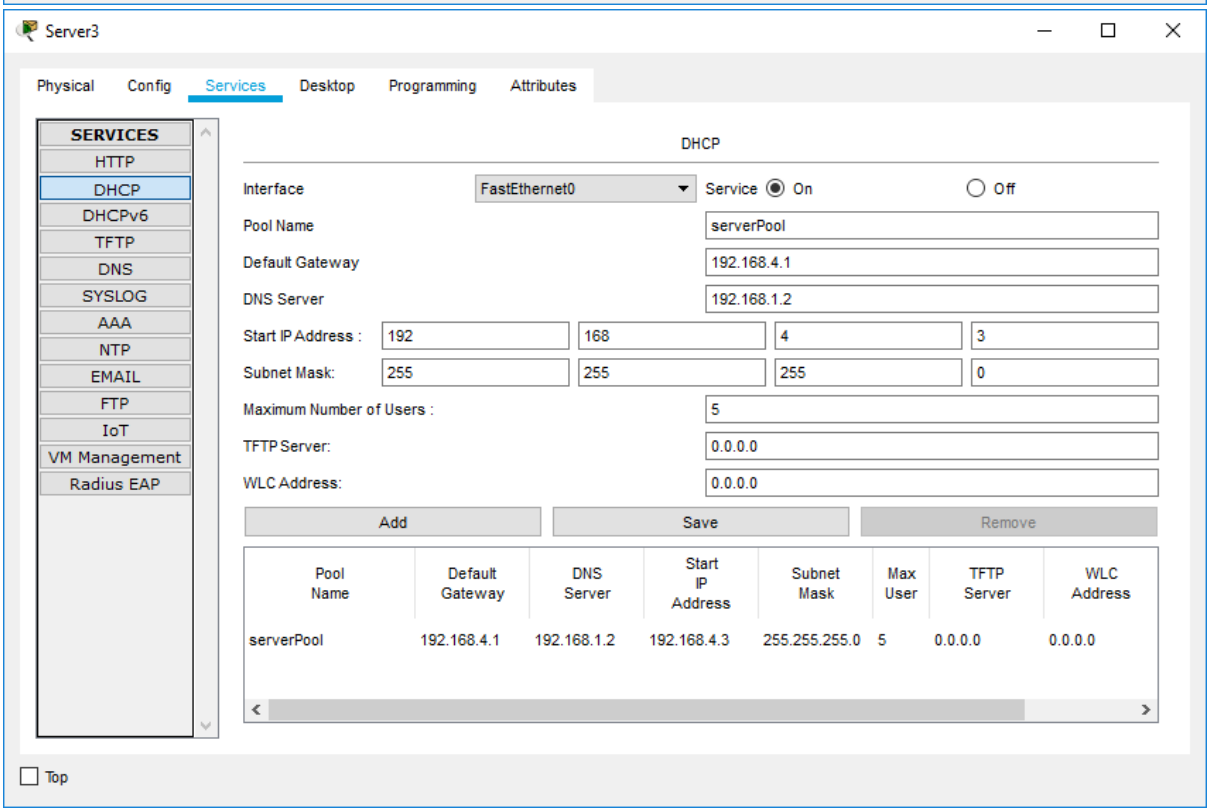
3. Konfigurasi pada router 2 (R2)



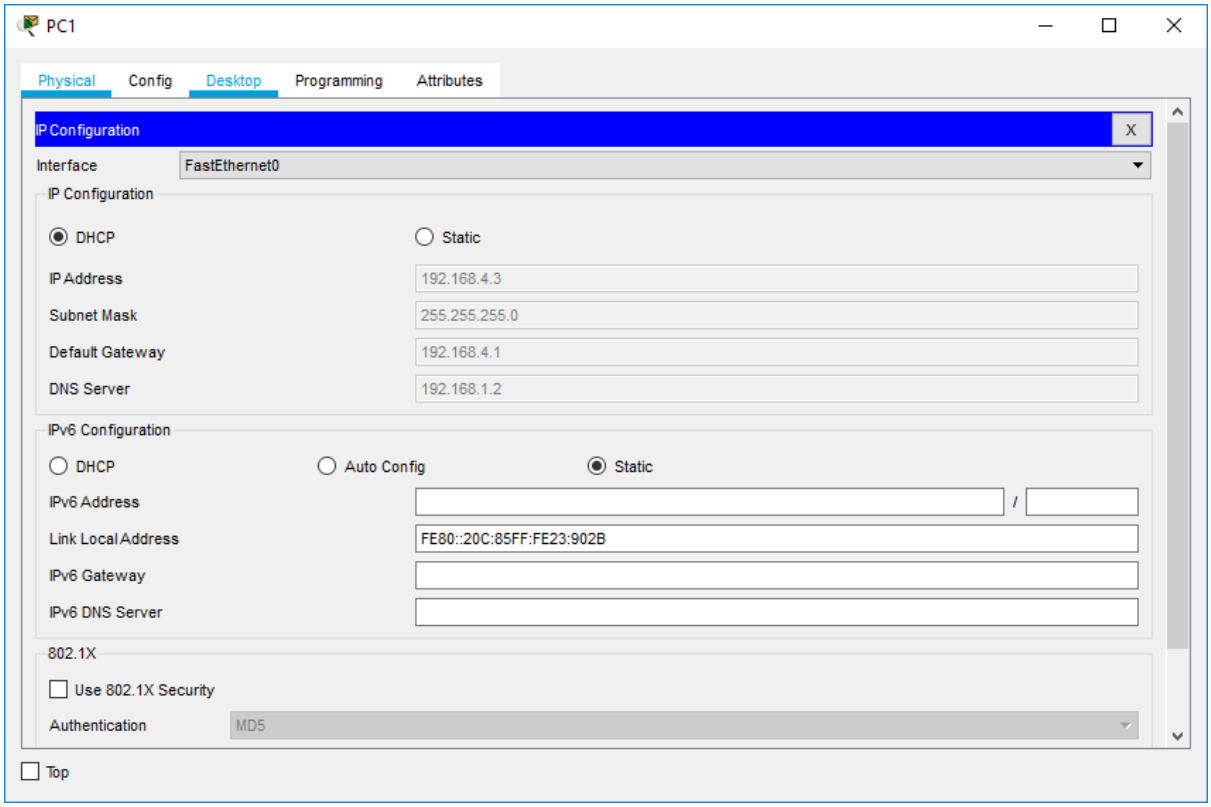


4. Konfigurasi pada server DHCP sehingga 5 buah workstation nanti dapat mendapatkan ip secara otomatis

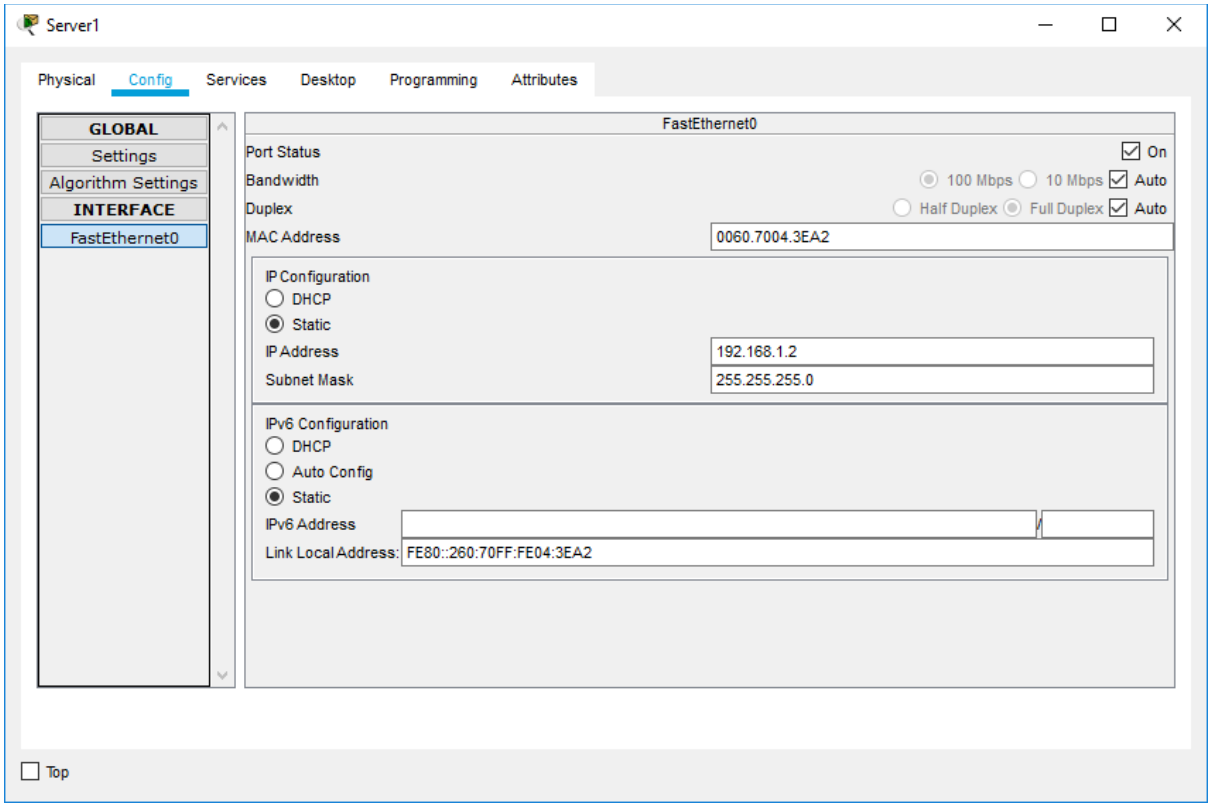


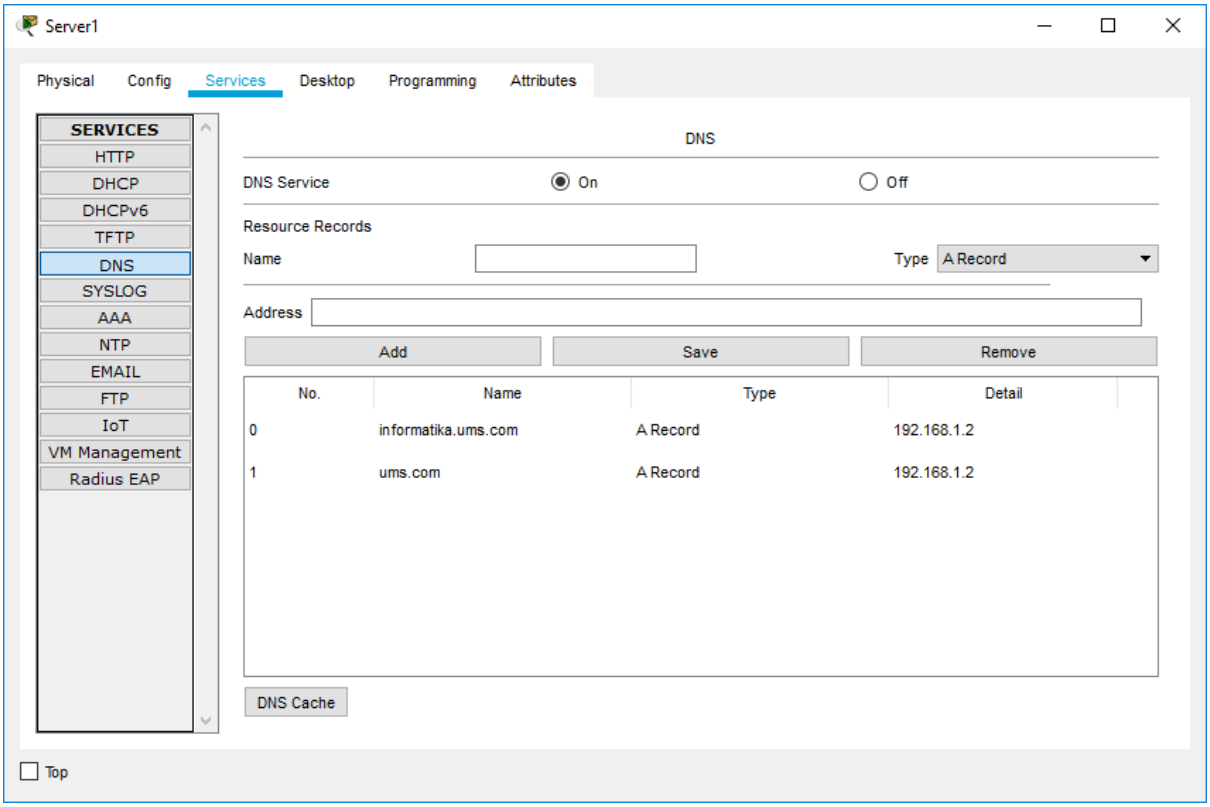


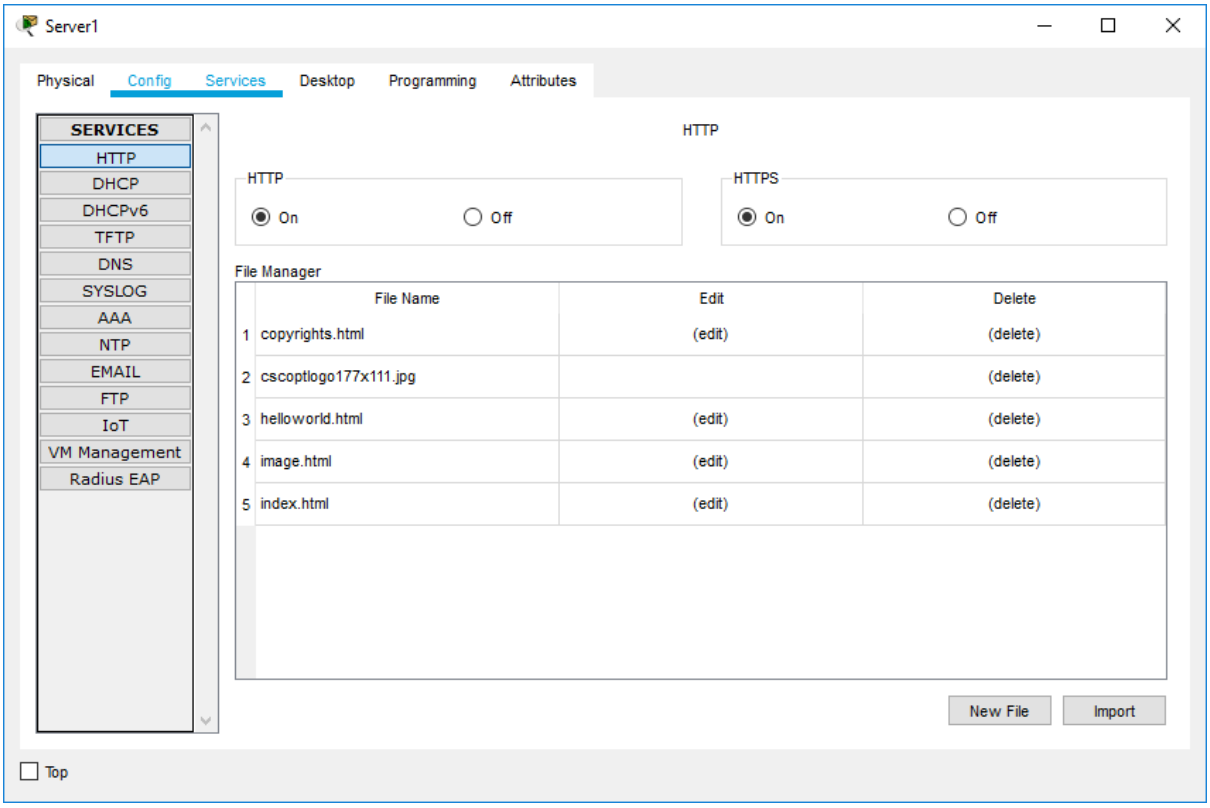
5. Konfigurasi pada 5 workstation agar mendapatkan ip secara otomatis



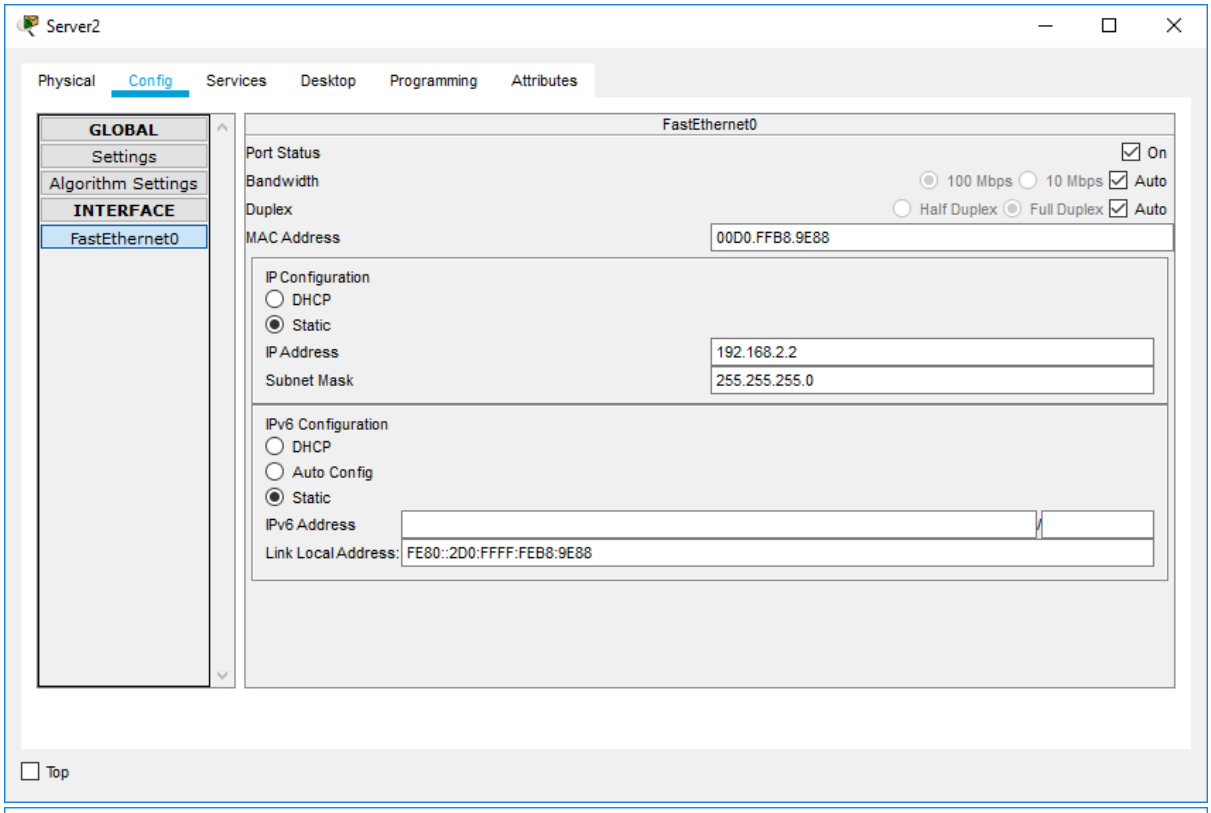
6. Konfigurasi pada Server 1 (DNS dan HTTP Server)

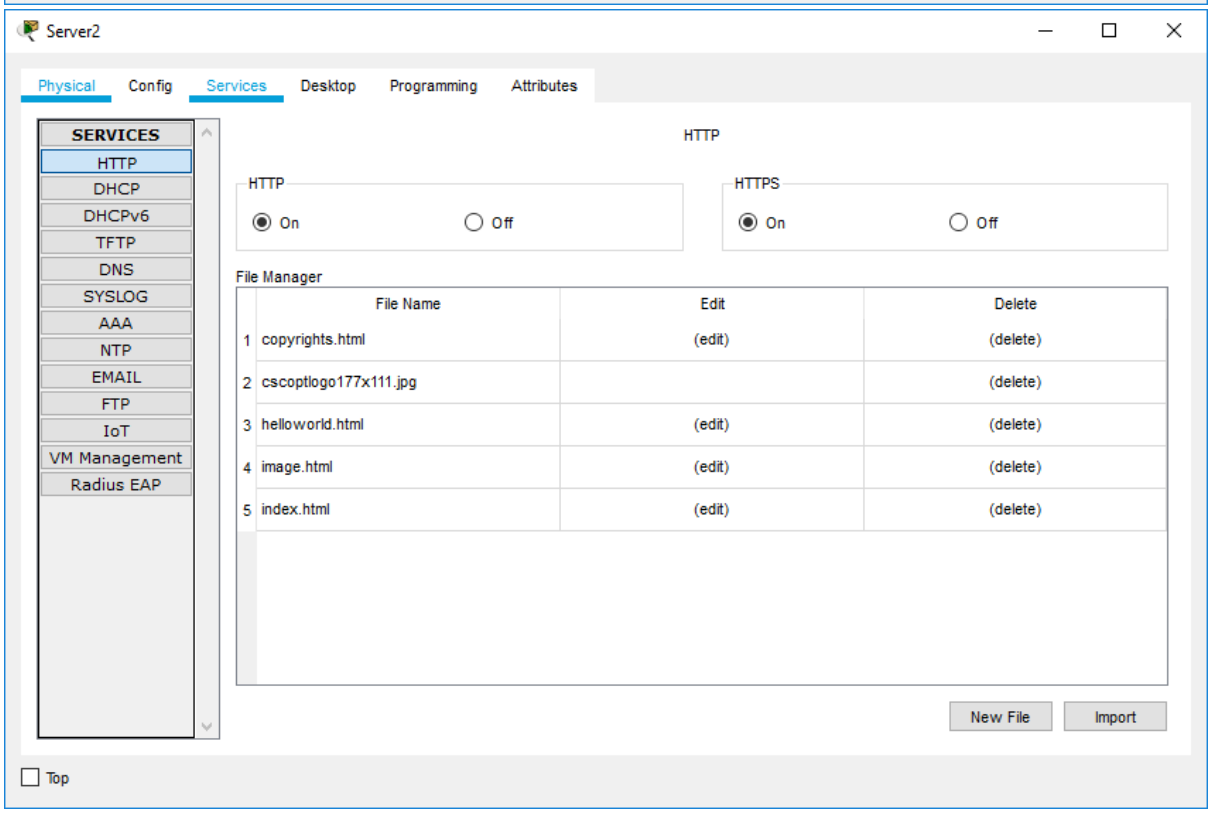



Server1
Physical
Config
Services
Desktop
Programming
Attributes
SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP
DNS
DNS Service
On
Off
Resource Records
Name
Type
A Record
Address
Add
Save
Remove
No.
Name
Type
Detail
0
informatika.ums.com
A Record
192.168.1.2
1
ums.com
A Record
192.168.1.2
DNS Cache
Top

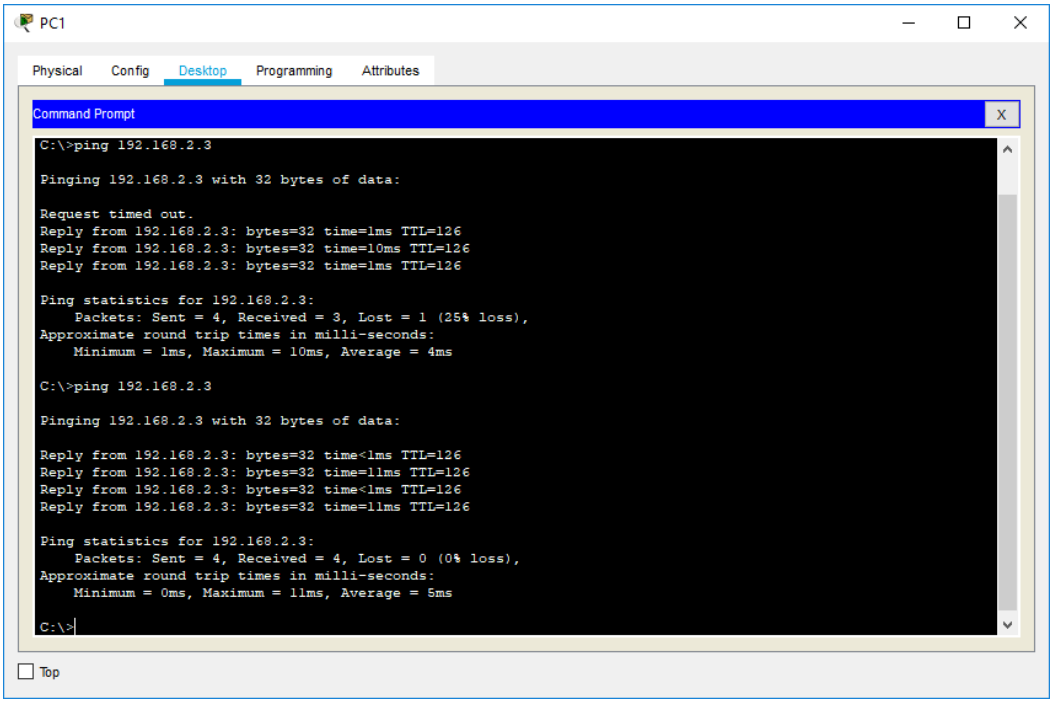

Server1
Physical
Config
Services
Desktop
Programming
Attributes
SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP
HTTP
HTTP
On
Off
HTTPS
On
Off
File Manager
File Name
Edit
Delete
1 copyrights.html (edit) (delete)
2 cscoptlogo177x111.jpg (delete)
3 helloworld.html (edit) (delete)
4 image.html (edit) (delete)
5 index.html (edit) (delete)
New File
Import
Top

7. Konfigurasi pada Server 3 (HTTP Server)

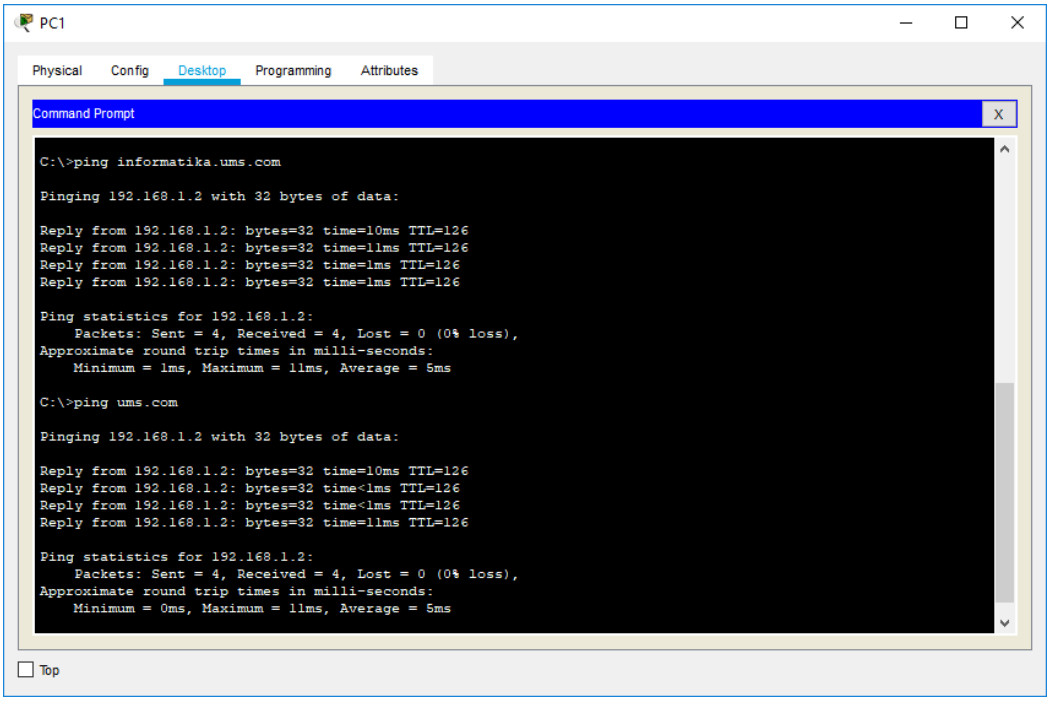




8. Uji jaringan dengan melakukan ping dari PC1 pada jaringan 3 menuju PC0 pada jaringan 2



9. Uji jaringan dengan melakukan ping dari PC1 pada jaringan 3 menuju DNS yang sudah dibuat yaitu informatika.ums.com dan ums.com pada jaringan 1



10. Uji jaringan dengan melakukan web surfing dari PC1 pada jaringan 3 menuju HTTP Server informatika.ums.com dan ums.com pada jaringan 1 dan 2