PRAKTIKUM JARINGAN KOMPUTER (Computer Networking)

LAPORAN TUGAS Ujian Akhir Semester IV



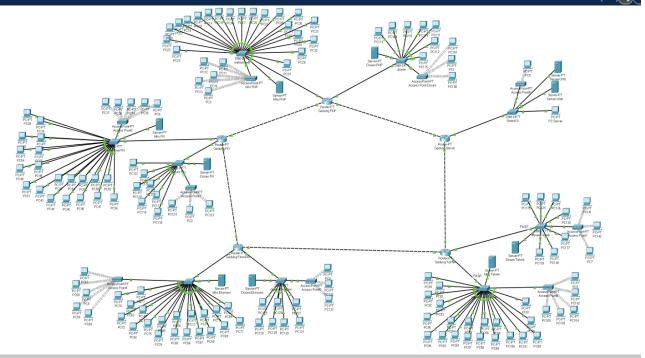
Nama : Shafa Bani Saputra

NIM : L200190151

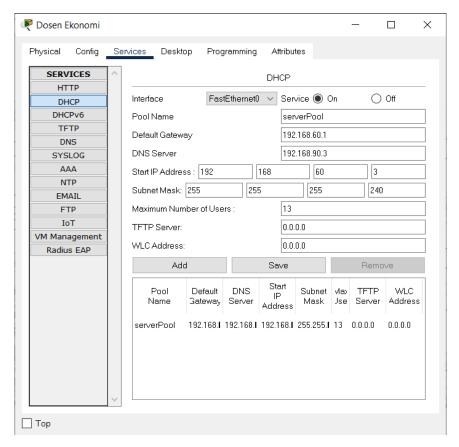
Kelas : D

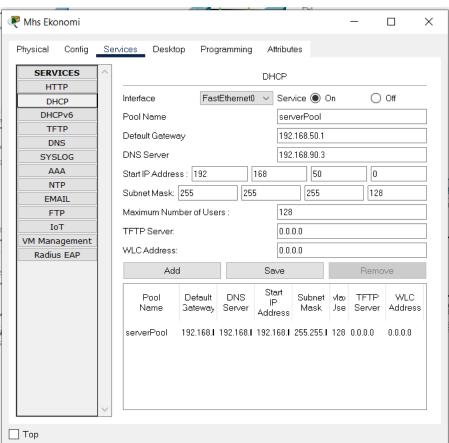
PROGRAM STUDI INFORMATIKA FAKULTAS KOMUNIKASI DAN INFORMATIKA UNIVERSITAS MUHAMMADIYAH SURAKARTA



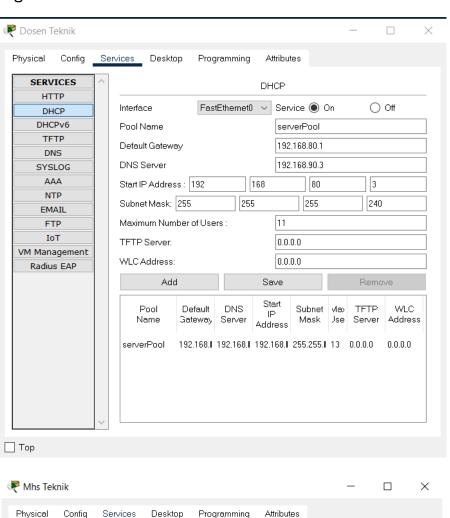


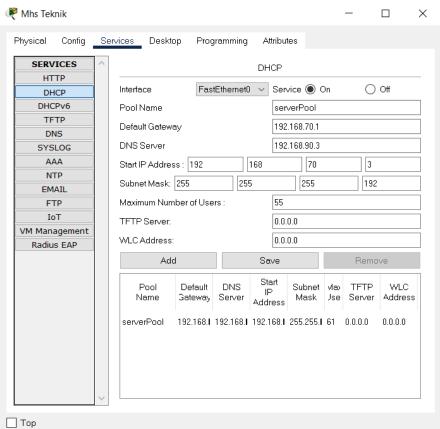
DHCP Gedung Ekonomi



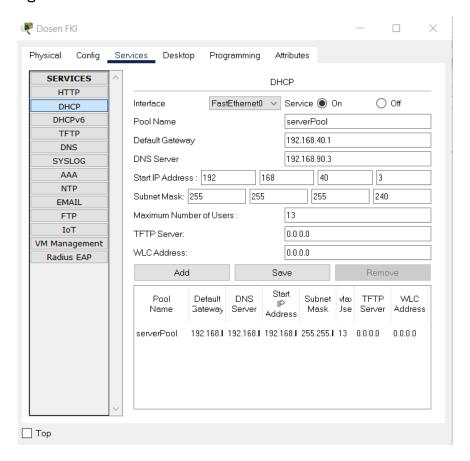


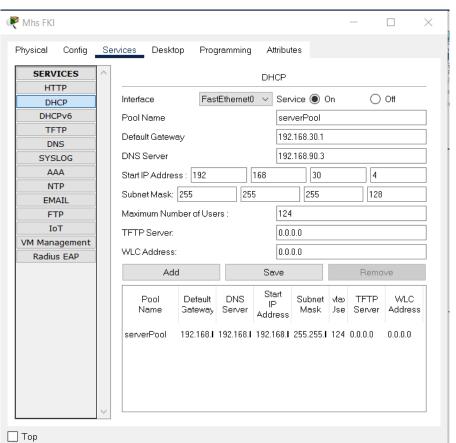
DHCP Gedung Teknik



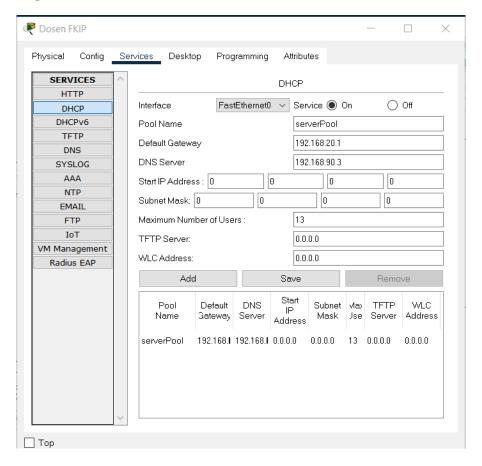


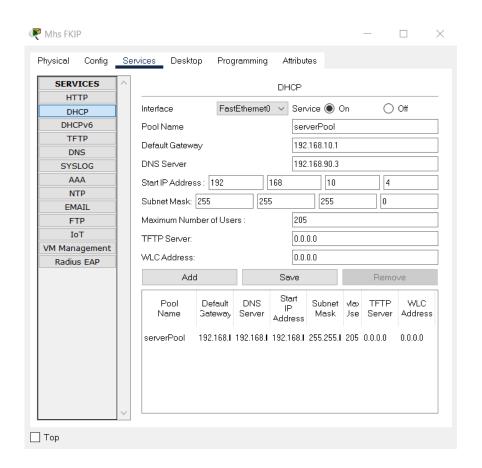
DHCP Gedung FKI



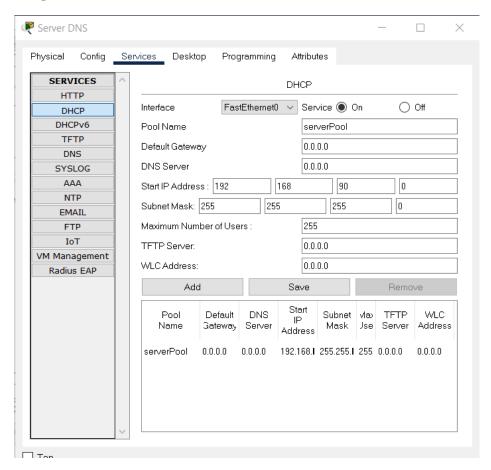


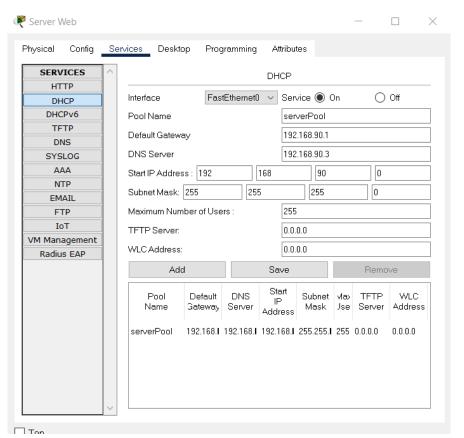
DHCP Gedung FKIP



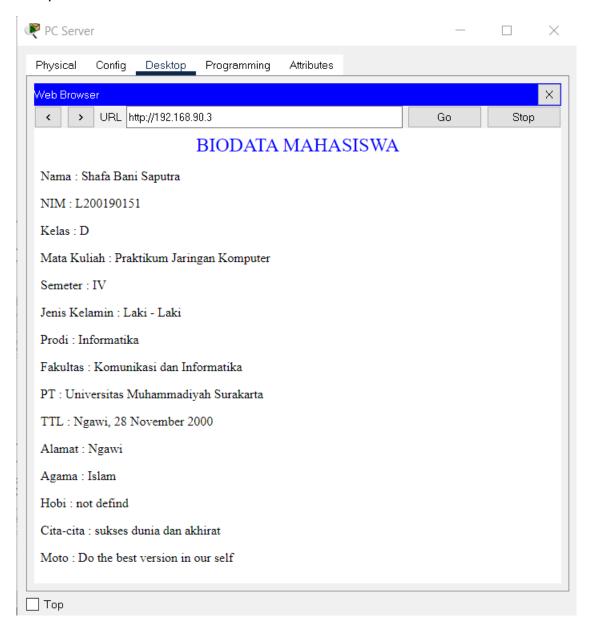


DHCP Gedung Server





Biodata pada Server Web



Nim pada Server DNS



Ping pada Gedung ekonomi

```
C:\>ipconfig
FastEthernet0 Connection: (default port)
    Connection-specific DNS Suffix..:
Link-local IPv6 Address...... FE80::260:70FF:FE63:7A6B
    IPv6 Address....::::
    IPv4 Address..... 192.168.50.11
     Subnet Mask..... 255.255.255.128
    Default Gateway....::::
                                                   192,168,50,1
Bluetooth Connection:
    Connection-specific DNS Suffix..:
Link-local IPv6 Address....:::
    IPv6 Address....: ::
    IPv4 Address...... 0.0.0.0
Subnet Mask...... 0.0.0.0
    Default Gateway....::
                                                   0.0.0.0
C:\>ping 192.168.50.22
Pinging 192.168.50.22 with 32 bytes of data:
Reply from 192.168.50.22: bytes=32 time=100ms TTL=128
Reply from 192.168.50.22: bytes=32 time=145ms TTL=128
Reply from 192.168.50.22: bytes=32 time=47ms TTL=128
Reply from 192.168.50.22: bytes=32 time=6ms TTL=128
Ping statistics for 192.168.50.22:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 6ms, Maximum = 145ms, Average = 74ms
```

Ping pada Gedung Fki

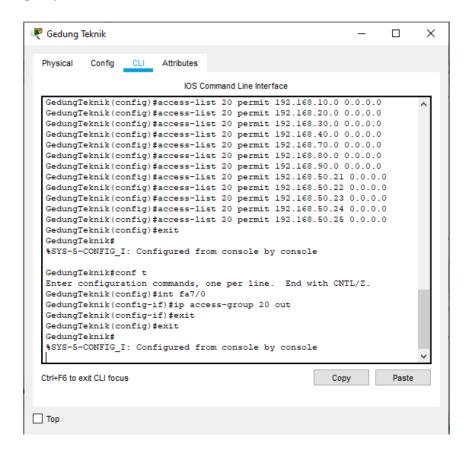
Ping pada Gedung FKIP

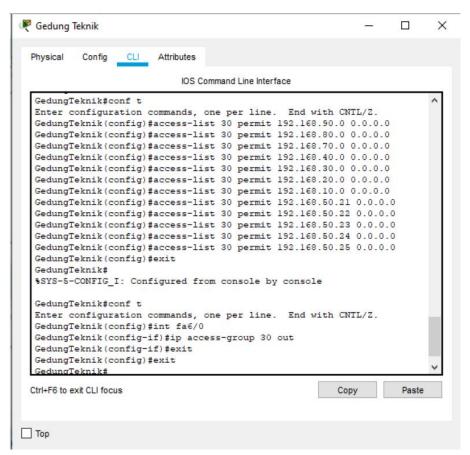
```
Packet Tracer PC Command Line 1.0
C:\>ipconfig
FastEthernet0 Connection: (default port)
   Connection-specific DNS Suffix..:
   Link-local IPv6 Address.....: FE80::202:17FF:FE61:E537
   IPv6 Address....: ::
   IPv4 Address..... 192.168.10.9
   Subnet Mask..... 255.255.255.0
   Default Gateway....::::
                                   192.168.10.1
Bluetooth Connection:
   Connection-specific DNS Suffix..:
   Link-local IPv6 Address....::
   IPv6 Address....: ::
   IPv4 Address..... 0.0.0.0
   Subnet Mask..... 0.0.0.0
   Default Gateway....::
                                   0.0.0.0
C:\>ping 192.168.10.17
Pinging 192.168.10.17 with 32 bytes of data:
Reply from 192.168.10.17: bytes=32 time=10ms TTL=128
Reply from 192.168.10.17: bytes=32 time=11ms TTL=128
Reply from 192.168.10.17: bytes=32 time<1ms TTL=128
Reply from 192.168.10.17: bytes=32 time=1ms TTL=128
Ping statistics for 192.168.10.17:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
   Minimum = 0ms, Maximum = 11ms, Average = 5ms
C:\>
```

Ping pada Gedung Teknik

```
Packet Tracer PC Command Line 1.0
C:\>ipconfig
FastEthernet0 Connection: (default port)
   Connection-specific DNS Suffix..:
    Link-local IPv6 Address.....: FE80::260:3EFF:FEAC:29D3
    IPv6 Address....::
   IPv4 Address : 192.168.70.21
Subnet Mask : 255.255.255.192
   Subnet Mask....::
Default Gateway...::
192.168.70.1
Bluetooth Connection:
    Connection-specific DNS Suffix..:
    Link-local IPv6 Address....::
    IPv6 Address....: ::
   IPv4 Address... 0.0.0.0
    Subnet Mask..... 0.0.0.0
   Default Gateway....::
C:\>ping 192.168.70.24
Pinging 192.168.70.24 with 32 bytes of data:
Reply from 192.168.70.24: bytes=32 time<lms TTL=128 Reply from 192.168.70.24: bytes=32 time<lms TTL=128 Reply from 192.168.70.24: bytes=32 time=244ms TTL=128 Reply from 192.168.70.24: bytes=32 time=lms TTL=128
Ping statistics for 192.168.70.24:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = Oms, Maximum = 244ms, Average = 61ms
```

Access nim ganjil





Konfigurasi NAT pada Server WEB

