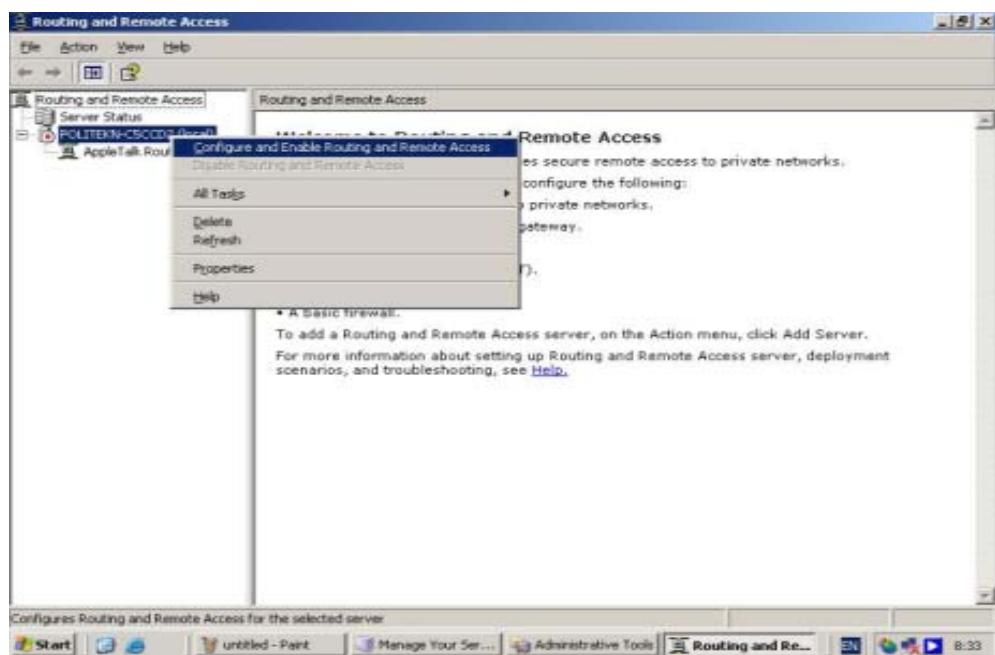
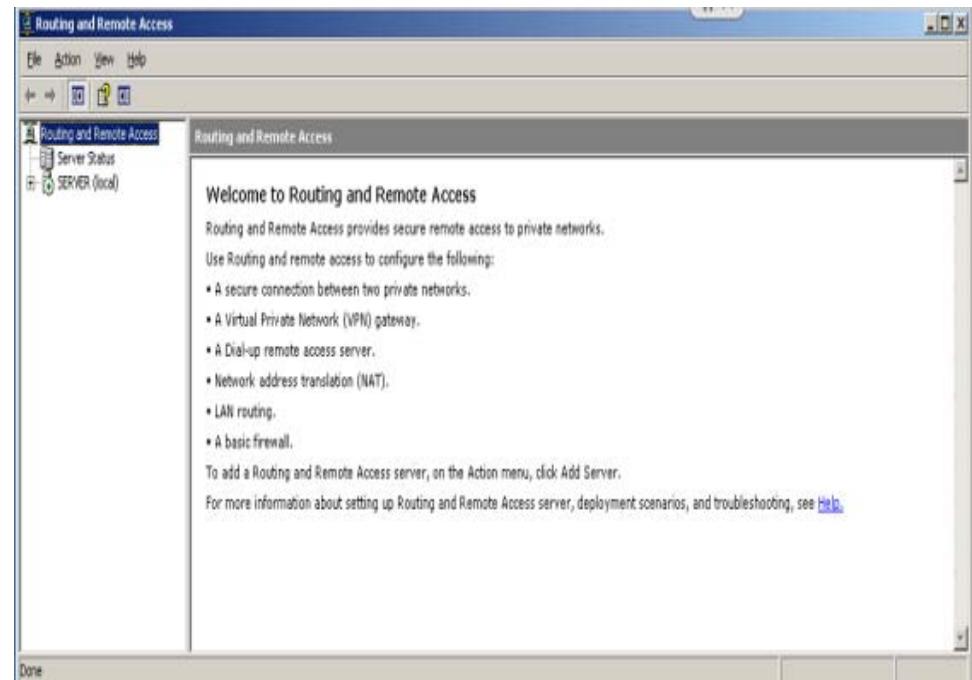


LAMPIRAN

1. Instalasi Routing dan Remote Access Server





Routing and Remote Access

File Action View Help

Routing and Remote Access

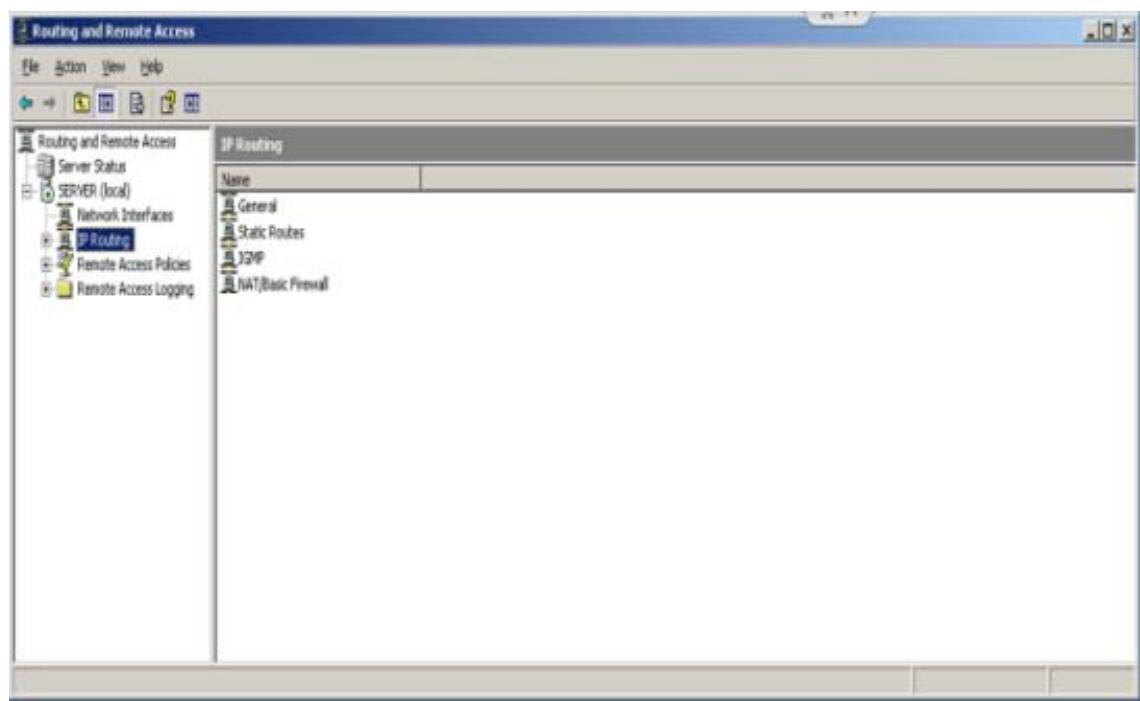
Server Status

SERVER (local)

- Network Interfaces
- IP Routing
 - General**
 - Static Routes
 - DHCP
 - NAT/Basic Firewall
- Remote Access Policies
- Remote Access Logging

General

| Interface | Type | IP Address | Administrative Status | Operational Status | Incoming bytes | Outgoing bytes | Static IP |
|-----------------------------|-----------|---------------|-----------------------|--------------------|----------------|----------------|-----------|
| Wireless Network Connection | Dedicated | 192.168.1.110 | Up | Operational | 81,142,511 | 6,905,568 | Disable |
| Loopback | Loopback | 127.0.0.1 | Up | Operational | 0 | 0 | Disable |
| Local Area Connection 2 | Dedicated | 192.168.0.1 | Up | Operational | 1,984,474 | 8,704,934 | Disable |
| Internal | Internal | Not available | Unknown | Non-operational | - | - | Disable |
| 1394 Connection | Dedicated | Not available | Unknown | Non-operational | - | - | Disable |



The screenshot shows the Windows Routing and Remote Access Management Console. The left pane displays a tree view of the server configuration under 'SERVER (local)'. The 'Static Routes' node is selected. The right pane has two sections: a message 'There are no items to show in this view.' above a table titled 'SERVER - IP Routing Table'.

| Destination | Network mask | Gateway | Interface | Metric | Protocol |
|-----------------|-----------------|---------------|----------------|--------|--------------|
| 0.0.0 | 0.0.0 | 192.168.1.1 | Wireless Net.. | 1 | Network ma.. |
| 127.0.0 | 255.0.0 | 127.0.1 | Loopback | 1 | Local |
| 127.0.1 | 255.255.255.255 | 127.0.1 | Loopback | 1 | Local |
| 192.168.0.0 | 255.255.255.0 | 192.168.0.1 | Local Area C.. | 20 | Local |
| 192.168.0.1 | 255.255.255.255 | 127.0.1 | Loopback | 20 | Local |
| 192.168.0.255 | 255.255.255.255 | 192.168.0.1 | Local Area C.. | 20 | Local |
| 192.168.1.0 | 255.255.255.0 | 192.168.1.110 | Wireless Net.. | 1 | Local |
| 192.168.1.110 | 255.255.255.255 | 127.0.1 | Loopback | 1 | Local |
| 192.168.1.255 | 255.255.255.255 | 192.168.1.110 | Wireless Net.. | 1 | Local |
| 224.0.0.0 | 240.0.0.0 | 192.168.1.110 | Wireless Net.. | 1 | Local |
| 224.0.0.0 | 240.0.0.0 | 192.168.0.1 | Local Area C.. | 20 | Local |
| 255.255.255.255 | 255.255.255.255 | 192.168.1.110 | Wireless Net.. | 1 | Local |
| 255.255.255.255 | 255.255.255.255 | 192.168.0.1 | Local Area C.. | 1 | Local |

Routing and Remote Access

File Action View Help

Routing and Remote Access

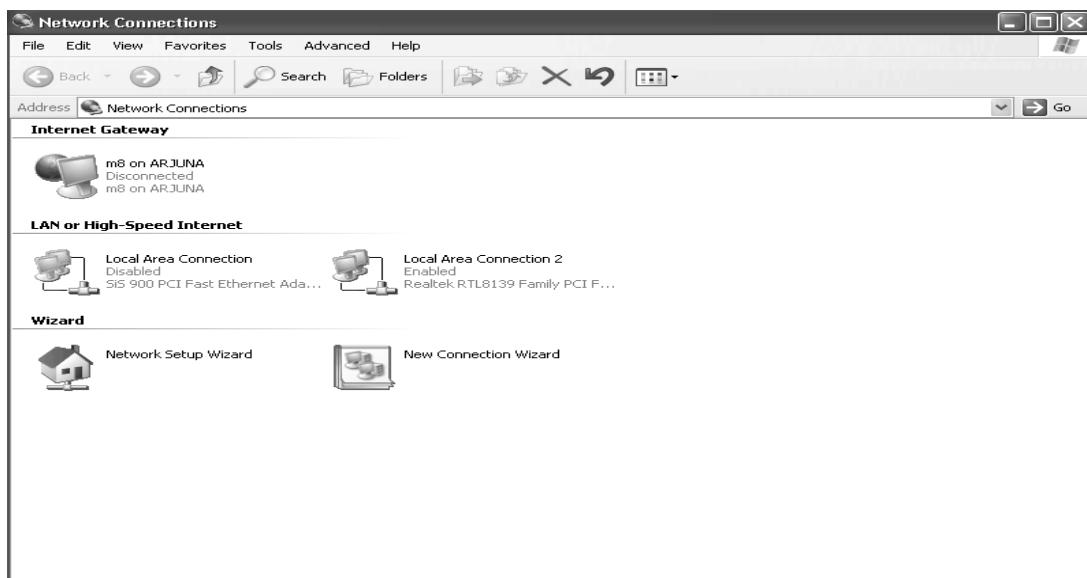
NAT/Basic Firewall

| | Total mappings | Inbound packets translated | Inbound packets rejected | Outbound packets translated | Outbound packets rejected |
|------------|----------------|----------------------------|--------------------------|-----------------------------|---------------------------|
| Connection | 185 | 2,951 | 0 | 2,118 | 0 |

SERVER - Network Address Translation Session Mapping Table

| Protocol | Direction | Private address | Private port | Public Address | Public Port | Remote Address | Remote Port | Idle time |
|----------|-----------|-----------------|--------------|----------------|-------------|----------------|-------------|-----------|
| UDP | Outbound | 192.168.1.110 | 1,035 | 192.168.1.110 | 1,035 | 8.8.8.8 | 53 | 44 |
| UDP | Outbound | 192.168.1.110 | 1,293 | 192.168.1.110 | 1,293 | 8.8.8.8 | 53 | 44 |
| UDP | Outbound | 192.168.1.110 | 1,294 | 192.168.1.110 | 1,294 | 8.8.8.8 | 53 | 40 |
| UDP | Outbound | 192.168.1.110 | 1,356 | 192.168.1.110 | 1,356 | 8.8.8.8 | 53 | 43 |
| UDP | Outbound | 192.168.1.110 | 1,357 | 192.168.1.110 | 1,357 | 8.8.8.8 | 53 | 44 |
| UDP | Outbound | 192.168.1.110 | 1,359 | 192.168.1.110 | 1,359 | 8.8.8.8 | 53 | 44 |
| UDP | Outbound | 192.168.1.110 | 1,358 | 192.168.1.110 | 1,358 | 8.8.8.8 | 53 | 37 |
| UDP | Outbound | 192.168.1.110 | 1,331 | 192.168.1.110 | 1,331 | 8.8.8.8 | 53 | 40 |
| TCP | Outbound | 192.168.1.110 | 1,201 | 192.168.1.110 | 1,201 | 193.33.186.223 | 5,938 | 50 |
| TCP | Outbound | 192.168.1.110 | 1,295 | 192.168.1.110 | 1,295 | 74.125.236.82 | 80 | 41 |
| TCP | Outbound | 192.168.1.110 | 1,296 | 192.168.1.110 | 1,296 | 74.125.236.95 | 80 | 28 |
| TCP | Outbound | 192.168.1.110 | 1,298 | 192.168.1.110 | 1,298 | 74.125.236.98 | 80 | 40 |

2. Konfigurasi TCP/IP pada Windows XP

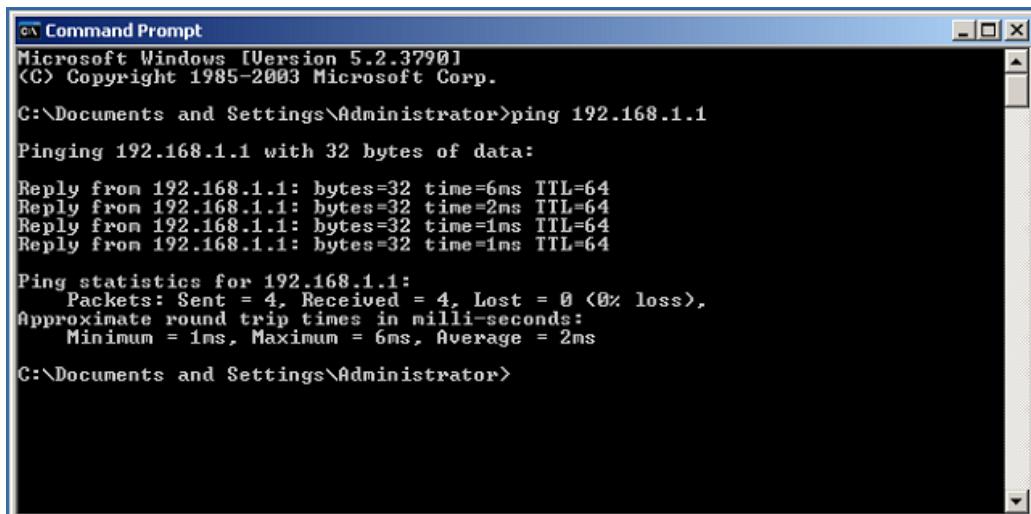


3. Koneksi internet

```
C:\> Command Prompt  
C:\Documents and Settings\Administrator>ping 192.168.1.110  
Pinging 192.168.1.110 with 32 bytes of data:  
Reply from 192.168.1.110: bytes=32 time<1ms TTL=128  
Ping statistics for 192.168.1.110:  
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
    Approximate round trip times in milli-seconds:  
        Minimum = 0ms, Maximum = 0ms, Average = 0ms  
C:\Documents and Settings\Administrator>
```

Koneksi ke *Internet Server*

4. Koneksi 192.168.1.1



```
Command Prompt
Microsoft Windows [Version 5.2.3790]
(C) Copyright 1985-2003 Microsoft Corp.

C:\Documents and Settings\Administrator>ping 192.168.1.1

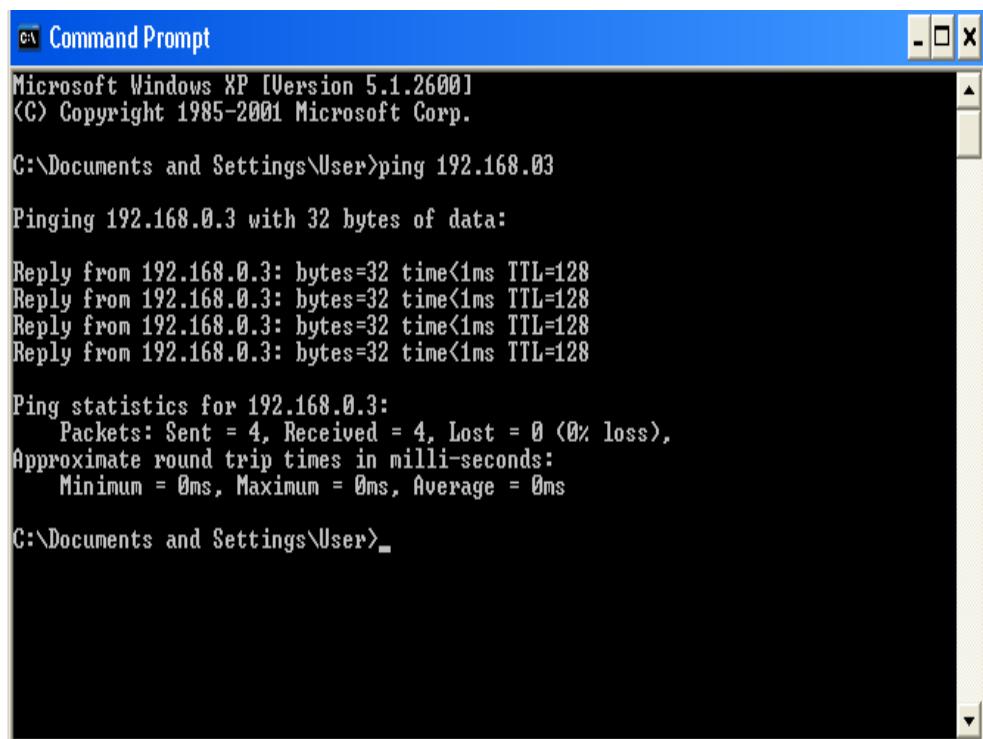
Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time=6ms TTL=64
Reply from 192.168.1.1: bytes=32 time=2ms TTL=64
Reply from 192.168.1.1: bytes=32 time=1ms TTL=64
Reply from 192.168.1.1: bytes=32 time=1ms TTL=64

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 6ms, Average = 2ms

C:\Documents and Settings\Administrator>
```

5. Koneksi 192.168.0.3



```
Command Prompt
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\User>ping 192.168.0.3

Pinging 192.168.0.3 with 32 bytes of data:

Reply from 192.168.0.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.0.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Documents and Settings\User>
```