

LAPORAN PRAKTIKUM JARINGAN KOMPUTER

MODUL 12

“STUDI KASUS PERANCANGAN JARINGAN KOMPUTER MELIPUTI PERANCANGAN HTTP SERVER DAN DNS SERVER”

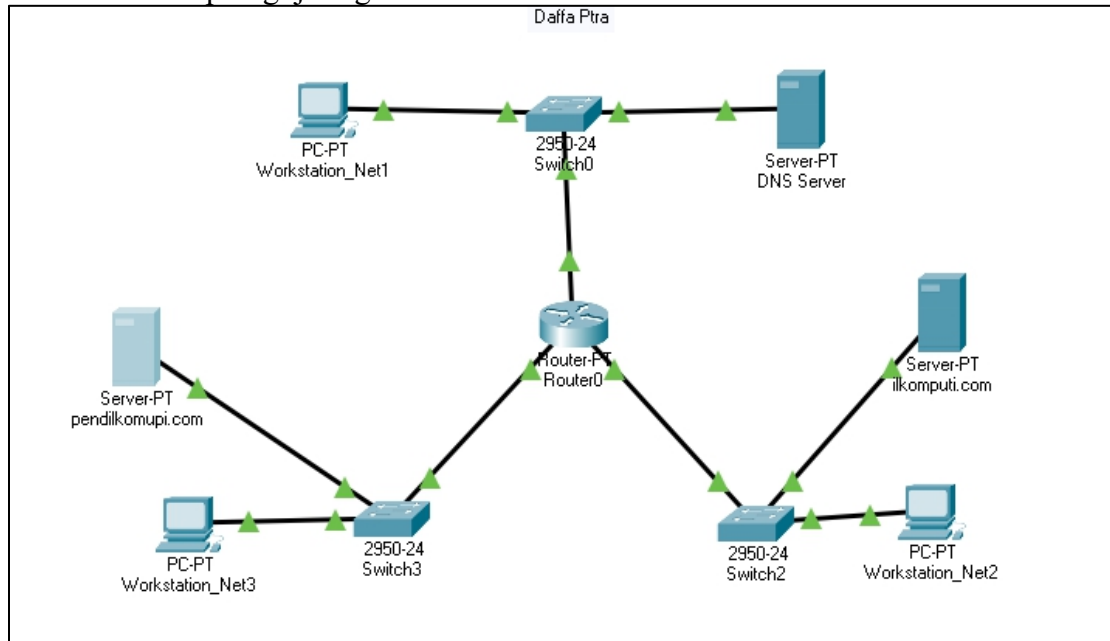


Oleh:

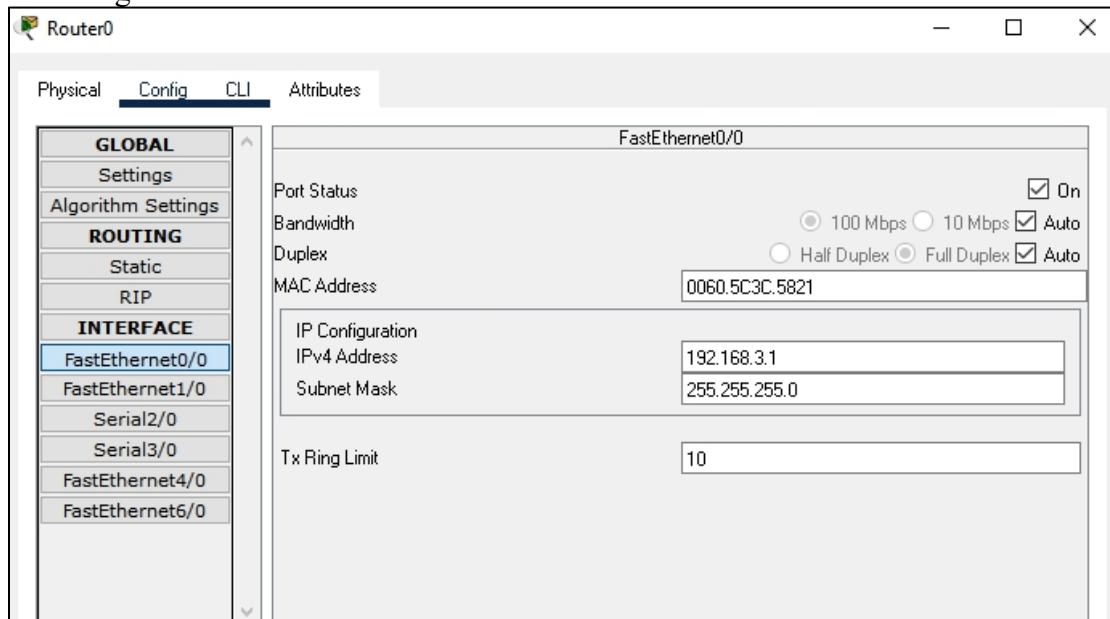
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PRODI : INFORMATIKA

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Muhammadiyah Surakarta**

1. Membuat Topologi jaringan



2. Konfiguasi Router-PT



Router0

PhysicalConfigCLIAttributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet6/0

FastEthernet1/0

Port Status

☒ On

Bandwidth

☒ 100 Mbps☐ 10 Mbps

☒ Auto

Duplex

☐ Half Duplex☒ Full Duplex

☒ Auto

MAC Address

0000.0C87.B1A1

IP Configuration

IPv4 Address

192.168.2.1

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Router0

PhysicalConfigCLIAttributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet6/0

FastEthernet6/0

Port Status

☒ On

Bandwidth

☒ 100 Mbps☐ 10 Mbps

☒ Auto

Duplex

☐ Half Duplex☒ Full Duplex

☒ Auto

MAC Address

0001.4289.C805

IP Configuration

IPv4 Address

192.168.1.1

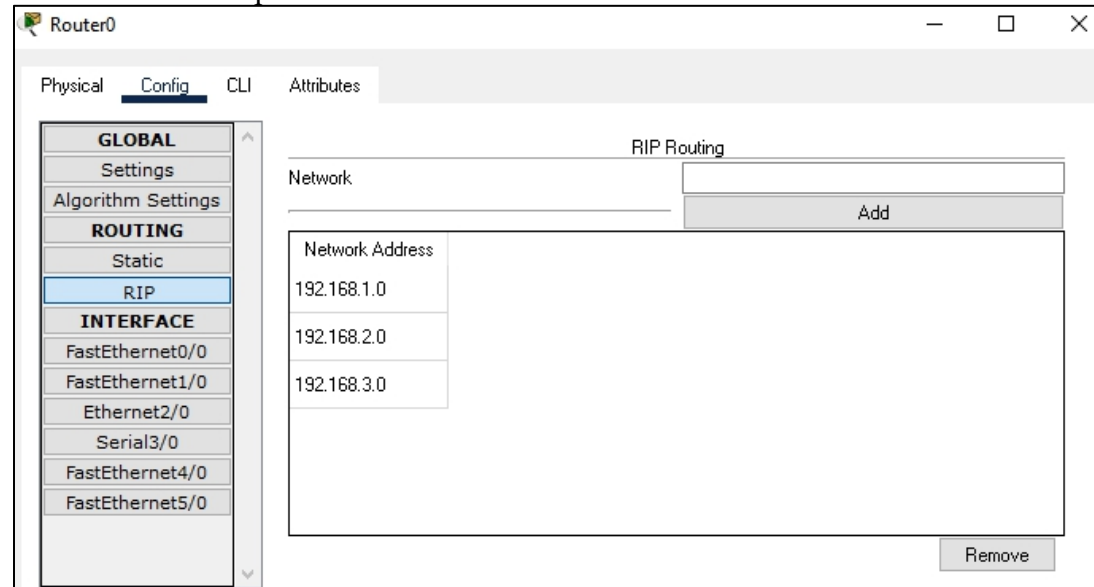
Subnet Mask

255.255.255.0

Tx Ring Limit

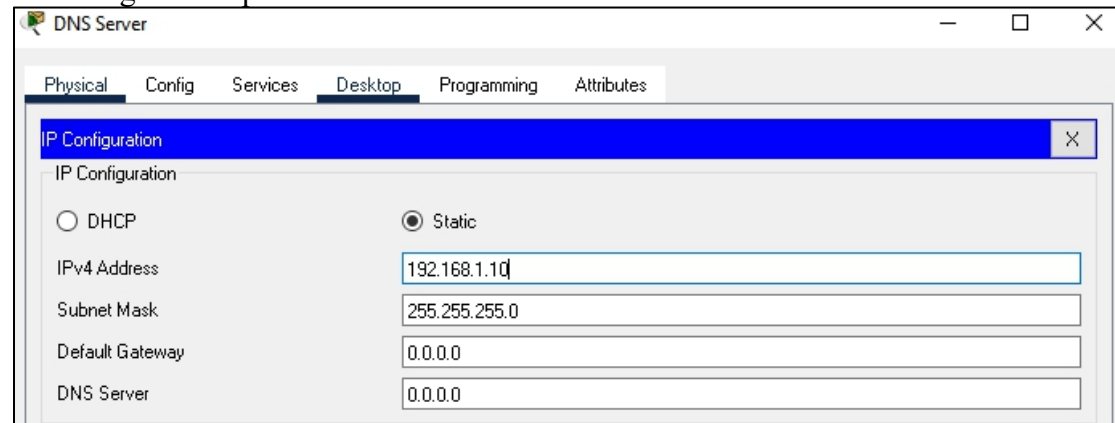
10

3. Melakukan RIP pada Router

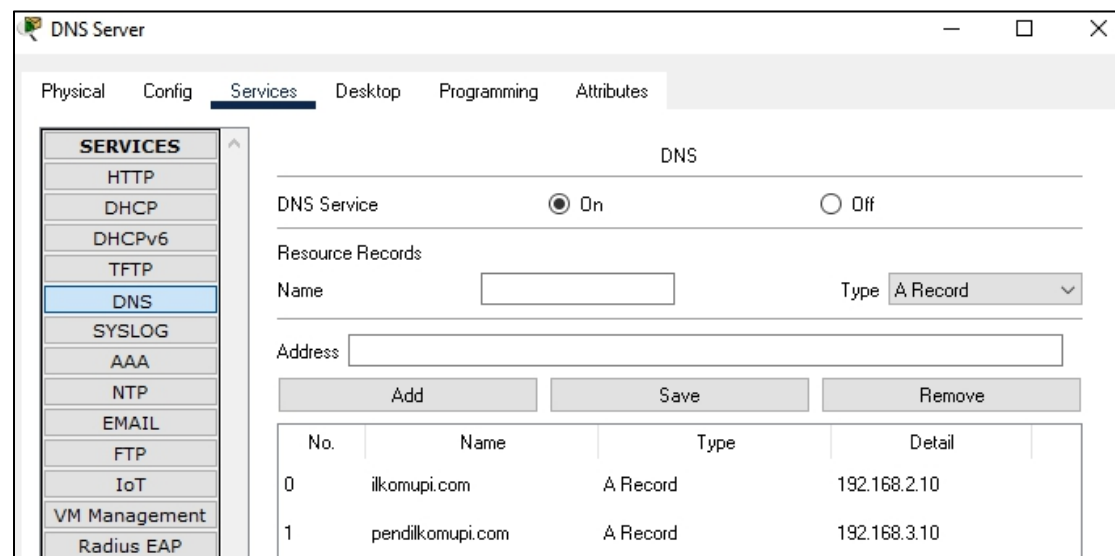


The Router0 configuration window shows the 'Config' tab selected. In the left sidebar, the 'ROUTING' section is expanded, and 'RIP' is selected. The main area is titled 'RIP Routing' and contains a 'Network' section with a list of IP addresses: 192.168.1.0, 192.168.2.0, and 192.168.3.0. An 'Add' button is located to the right of the list, and a 'Remove' button is at the bottom right.

4. Konfigurasi IP pada DNS Server.



The DNS Server configuration window shows the 'Desktop' tab selected. The 'IP Configuration' section is active, displaying a list of IP addresses: 192.168.1.10, 255.255.255.0, 0.0.0.0, and 0.0.0.0. The 'Static' radio button is selected.



The DNS Server configuration window shows the 'Services' tab selected. The 'DNS' service is selected in the left sidebar. The main area is titled 'DNS' and contains a 'DNS Service' section with a 'On' radio button selected. Below this is a 'Resource Records' section with a table of records.

No.	Name	Type	Detail
0	ilkomupi.com	A Record	192.168.2.10
1	pendilkomupi.com	A Record	192.168.3.10

5. Melakukan konfigurasi IP pada masing-masing PC.

Workstation_Net1

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address: 192.168.1.11

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.1

DNS Server: 192.168.1.10

Workstation_Net2

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address: 192.168.2.11

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.2.1

DNS Server: 192.168.1.10

Workstation_Net3

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration

☐ DHCP ☒ Static

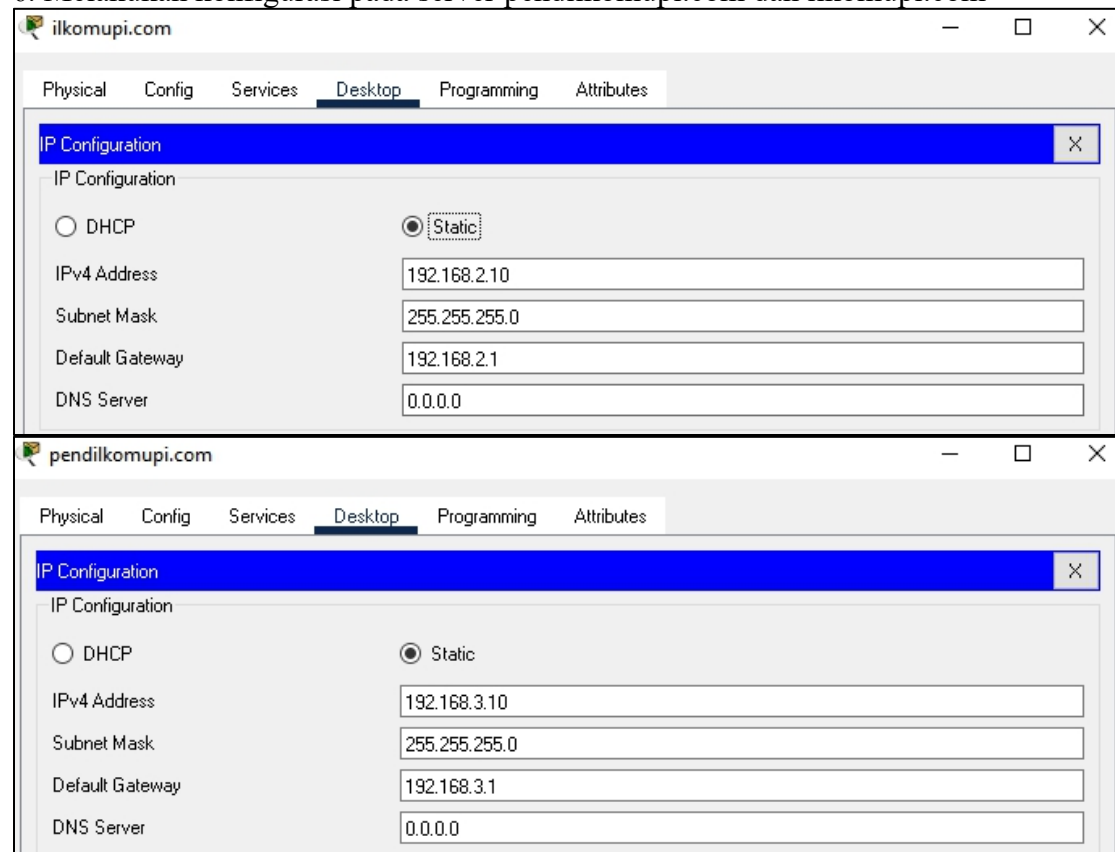
IPv4 Address: 192.168.3.11

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.3.1

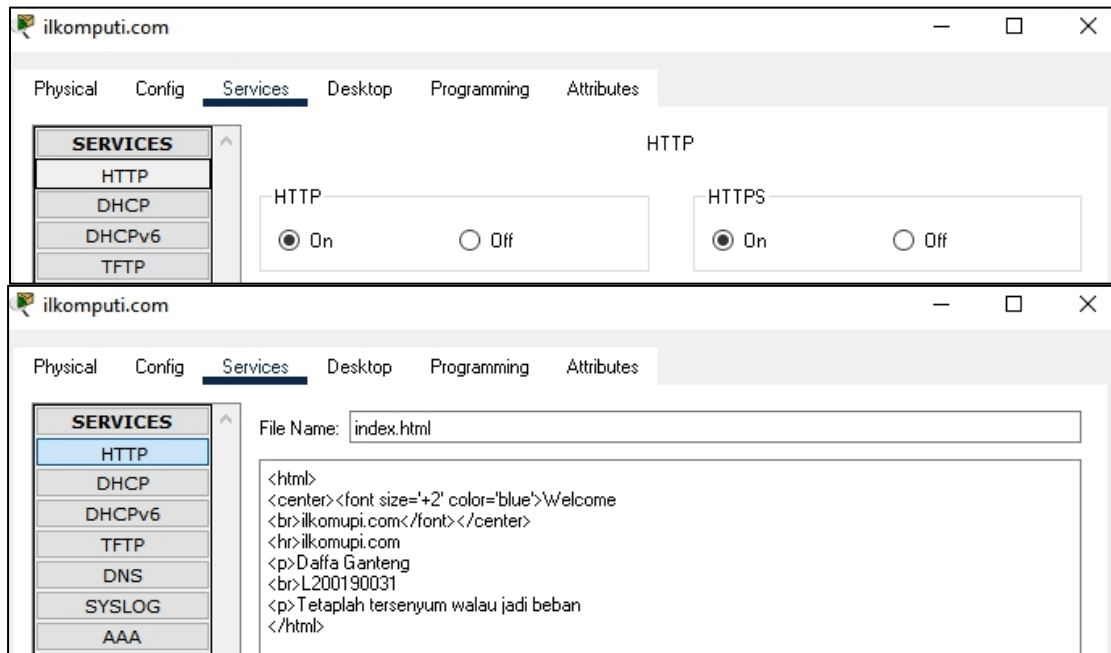
DNS Server: 192.168.1.10

6. Melakukan konfigurasi pada server pendilkomupi.com dan ilkomupi.com



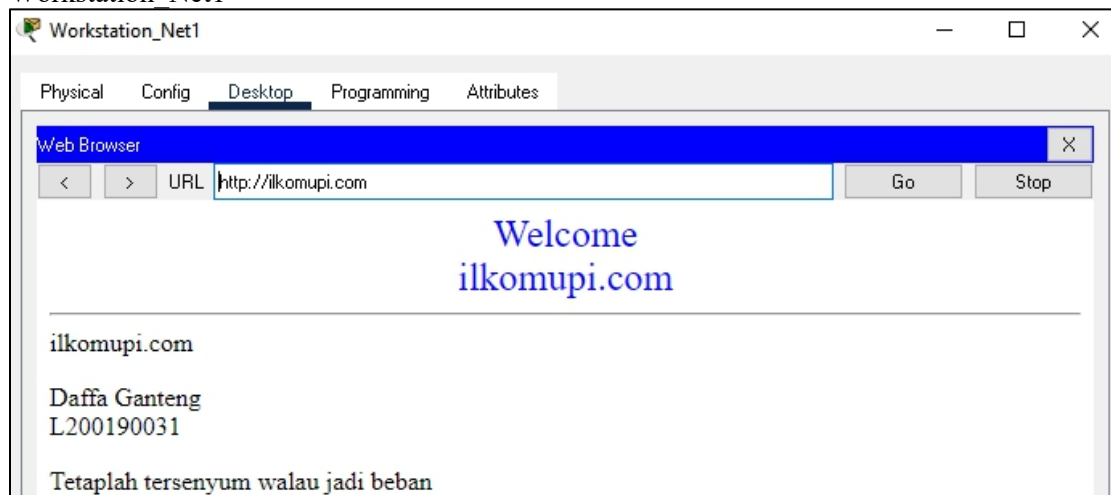
7. Melakukan konfigurasi HTTP pada server pendilkomupi.com dan ilkomupi.com



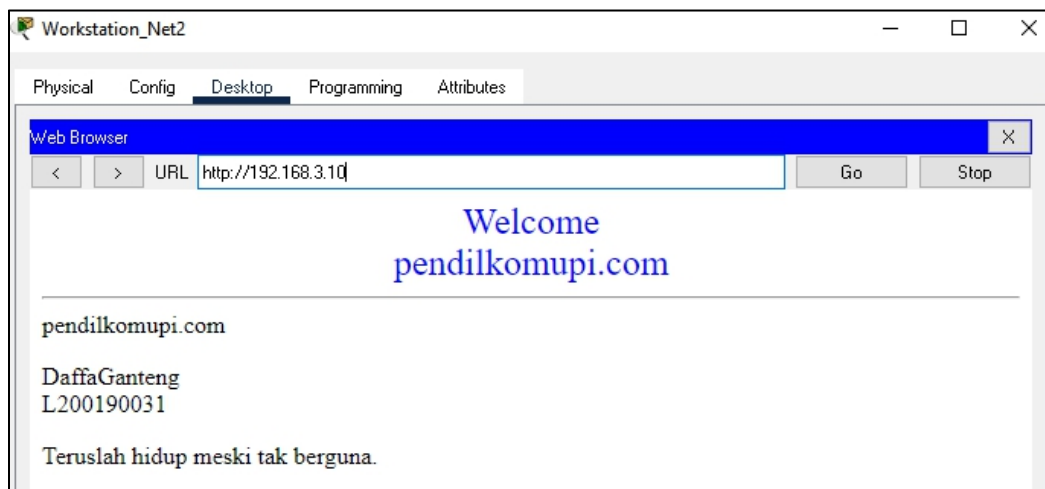
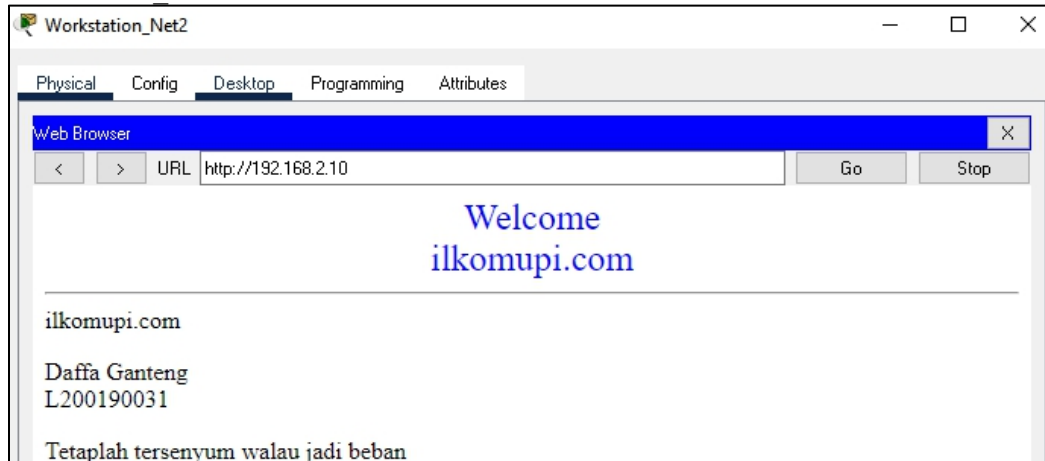


8. Melakukan test pada browser PC.

Workstation_Net1



Workstation_Net2



Workstation_Net3



