

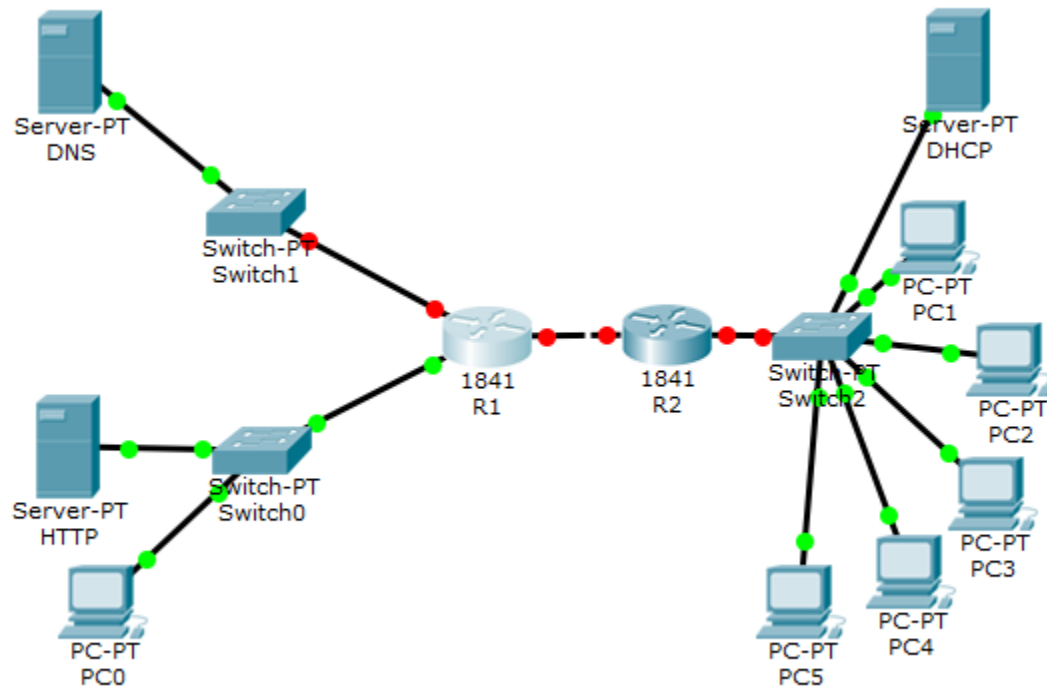
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Kelas : D

Kuis

1. Desain



2. Konfigurasi

R1 dan R2

R1

Physical
Config
CLI
Attributes

GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
SWITCHING
VLAN Database
INTERFACE
FastEthernet0/0
FastEthernet0/1
Ethernet0/0/0

FastEthernet0/0

Port Status
☒ On

Bandwidth
☒ 100 Mbps
☐ 10 Mbps
☒ Auto

Duplex
☐ Half Duplex
☒ Full Duplex
☒ Auto

MAC Address
0002.4A8A.0501

IP Configuration

IP Address
192.172.1.1

Subnet Mask
255.255.255.0

Tx Ring Limit
10

Equivalent IOS Commands

```

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0,
changed state to up

Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#

```

☐ Top

Ket : int fa 0/1 : 192.172.2.1
Ethnet 0/0/0 : 192.172.3.1

R2

Physical Config CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

FastEthernet0/0

Port Status ☒ On

Bandwidth ☐ 100 Mbps ☒ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 000B.BE21.BB01

IP Configuration

IP Address 192.172.4.1

Subnet Mask 255.255.255.0

Tx Ring Limit 10


Equivalent IOS Commands

```
Router(config-if)#ip address 192.172.3.1 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 192.172.4.1 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
```

☐ Top

Ket : int fa 0/1 : 192.172.3.2


Server DNS, HTTP, dan DHCP

 DNS

Physical Config Services Desktop Attributes Software/Services

GLOBAL ^
Settings
Algorithm Settings
INTERFACE
FastEthernet0


Global Settings
Display Name DNS
Gateway/DNS IPv4
☐ DHCP
☒ Static
Gateway 192.172.1.1
DNS Server 192.172.1.2
Gateway/DNS IPv6
☐ DHCP

 HTTP

Physical Config Services Desktop Attributes Software/Services

GLOBAL ^
Settings
Algorithm Settings
INTERFACE
FastEthernet0

Global Settings
Display Name HTTP
Gateway/DNS IPv4
☐ DHCP
☒ Static
Gateway 192.172.2.1
DNS Server 192.172.1.2
Gateway/DNS IPv6
☐ DHCP

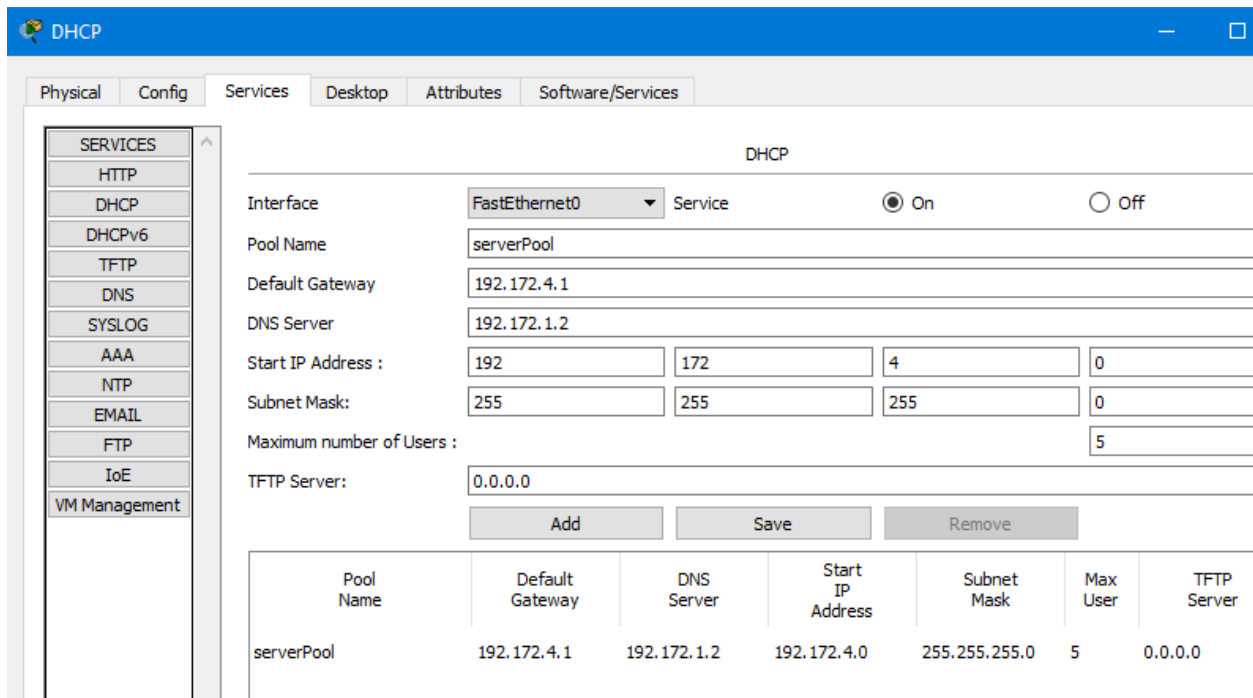
 DHCP

Physical Config Services Desktop Attributes Software/Services

GLOBAL ^
Settings
Algorithm Settings
INTERFACE
FastEthernet0

Global Settings
Display Name DHCP
Gateway/DNS IPv4
☐ DHCP
☒ Static
Gateway 192.172.4.1
DNS Server 192.172.1.2
Gateway/DNS IPv6
☐ DHCP

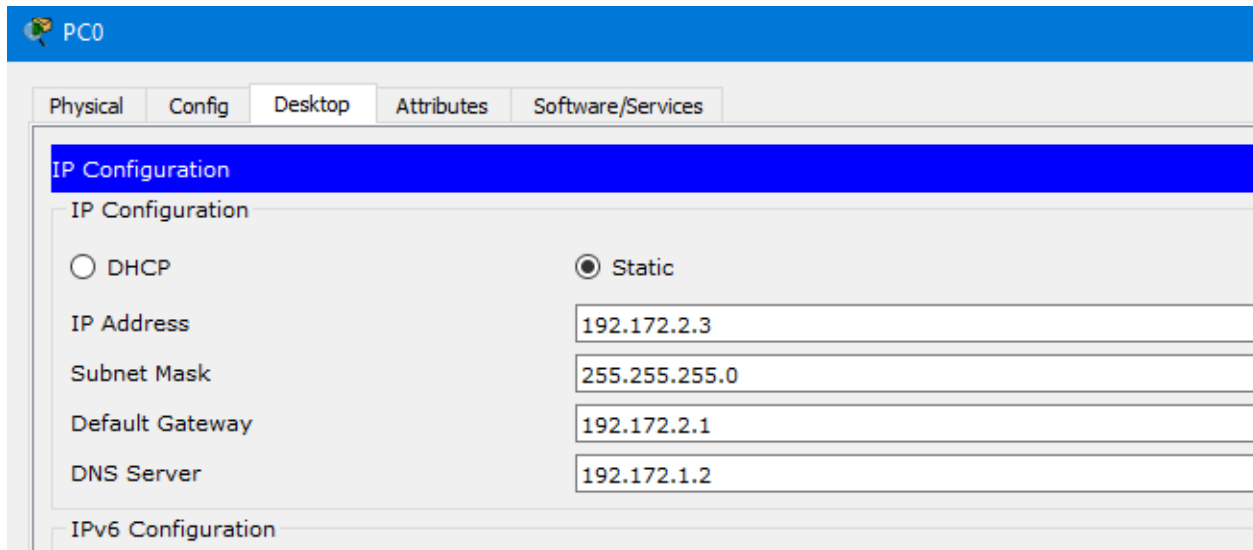
Setting DHCP



The DHCP configuration window shows the 'Services' tab selected. On the left, a list of services includes HTTP, DHCP, DHCPv6, TFTP, DNS, SYSLOG, AAA, NTP, EMAIL, FTP, IoE, and VM Management. The DHCP service is configured for the 'FastEthernet0' interface, with the 'Service' set to 'On'. The configuration includes a pool named 'serverPool' with a default gateway of 192.172.4.1 and a DNS server of 192.172.1.2. The start IP address is 192.172.4.0, and the subnet mask is 255.255.255.0. The maximum number of users is 5, and the TFTP server is 0.0.0.0. A table at the bottom lists the configured pool.

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server
serverPool	192.172.4.1	192.172.1.2	192.172.4.0	255.255.255.0	5	0.0.0.0

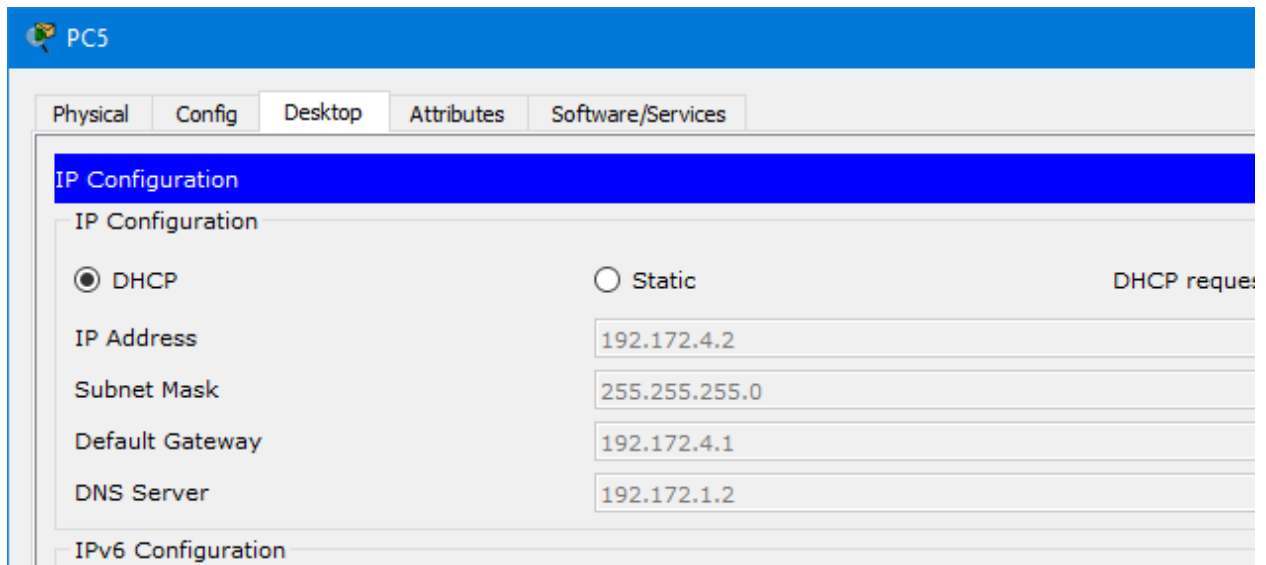
PC0



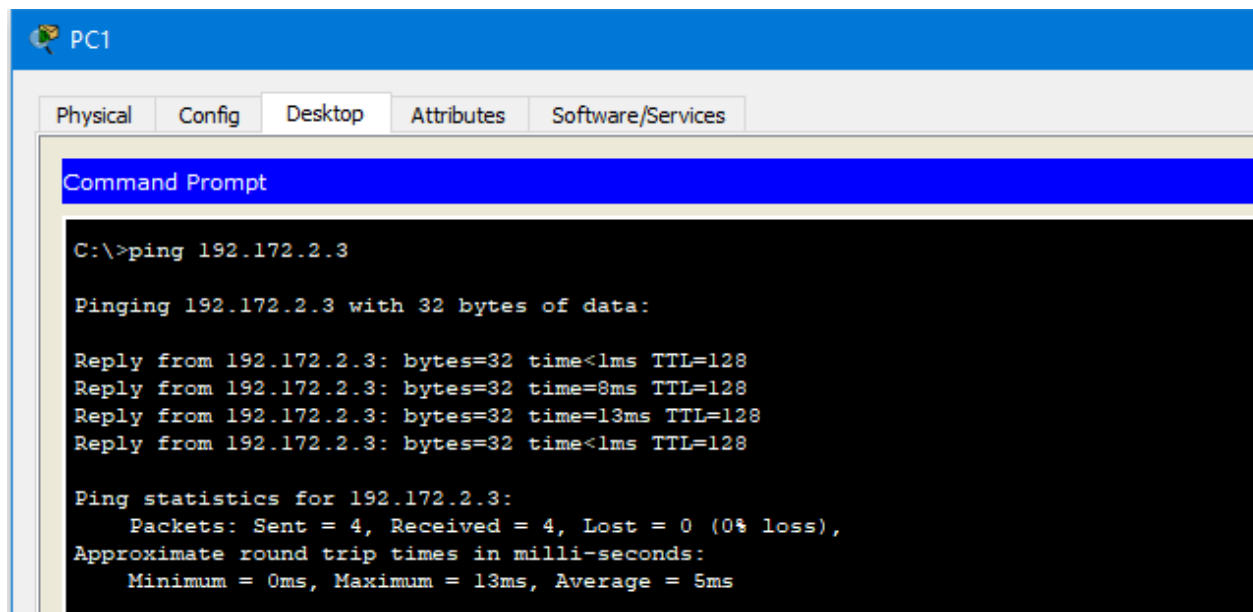
The PC0 configuration window shows the 'Desktop' tab selected. The 'IP Configuration' section is highlighted. The 'IP Configuration' section shows the 'Static' radio button selected. The IP address is 192.172.2.3, the subnet mask is 255.255.255.0, the default gateway is 192.172.2.1, and the DNS server is 192.172.1.2. The 'IPv6 Configuration' section is also visible.

IP Configuration
<input type="radio"/> DHCP <input checked="" type="radio"/> Static
IP Address: 192.172.2.3
Subnet Mask: 255.255.255.0
Default Gateway: 192.172.2.1
DNS Server: 192.172.1.2

PC5 (DHCP)



Tes Ping ke PC0



Web Browser

