

Nama : Cinde Prawitro P

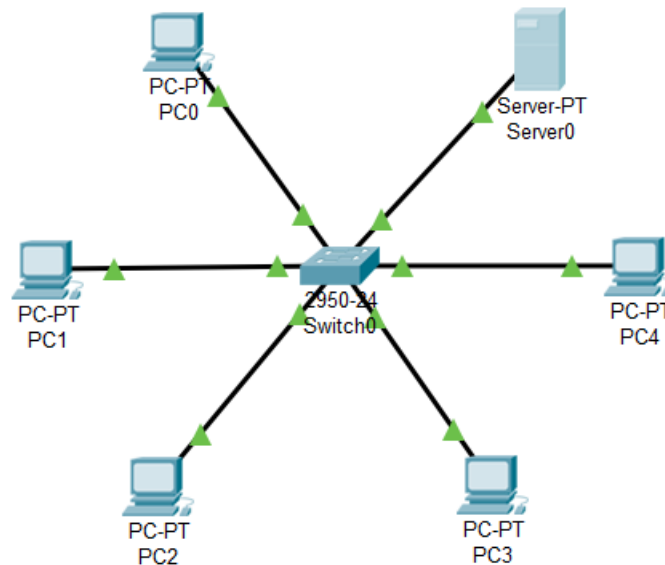
NIM : L200170120

Kelas : C

Modul : 10

## TUGAS

### 1. Rancangan Jaringan



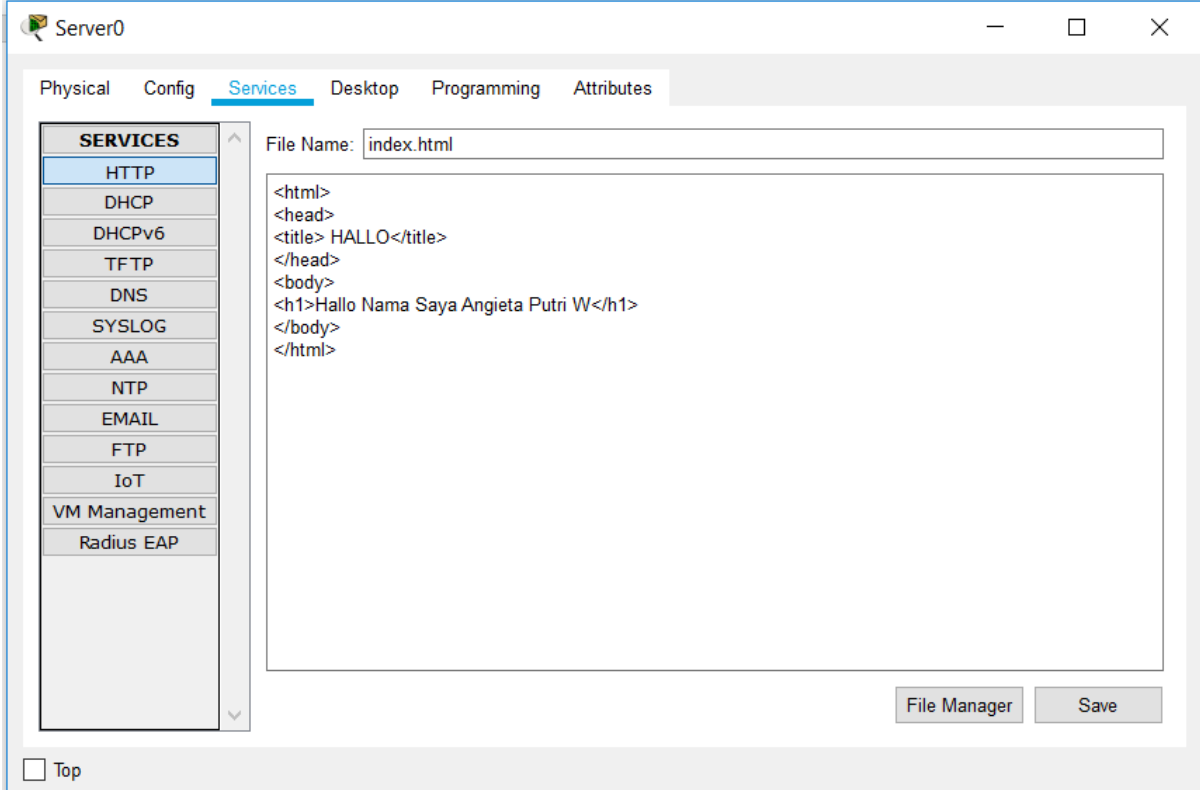
### 2. Melakukan Konfigurasi server pada FastEthernet0

The screenshot shows the configuration window for 'Server0'. The 'Config' tab is selected, and the 'FastEthernet0' interface is chosen under the 'INTERFACE' section. The configuration details are as follows:

FastEthernet0	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input checked="" type="checkbox"/> 100 Mbps <input type="checkbox"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="checkbox"/> Half Duplex <input checked="" type="checkbox"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	000D.BD45.9BCD
IP Configuration	
<input type="radio"/> DHCP	
<input checked="" type="radio"/> Static	
IP Address	192.168.17.7
Subnet Mask	255.255.255.0
IPv6 Configuration	
<input type="radio"/> DHCP	
<input type="radio"/> Auto Config	
<input checked="" type="radio"/> Static	
IPv6 Address	
Link Local Address:	FE80::20D:BDFE:FE45:9BCD

At the bottom left of the window, there is a 'Top' button.

### 3. Konfigurasi HTTP Server



The screenshot shows the 'Server0' configuration window with the 'Services' tab selected. On the left, a list of services includes HTTP, DHCP, DHCPv6, TFTP, DNS, SYSLOG, AAA, NTP, EMAIL, FTP, IoT, VM Management, and Radius EAP. The 'HTTP' service is highlighted. The main area displays the 'File Name' as 'index.html' and the content of the file as an HTML document with a title 'HALLO' and a body containing 'Halo Nama Saya Angieta Putri W'. At the bottom right, there are 'File Manager' and 'Save' buttons. A 'Top' button is located at the bottom left of the window.

Physical Config **Services** Desktop Programming Attributes

**SERVICES**

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

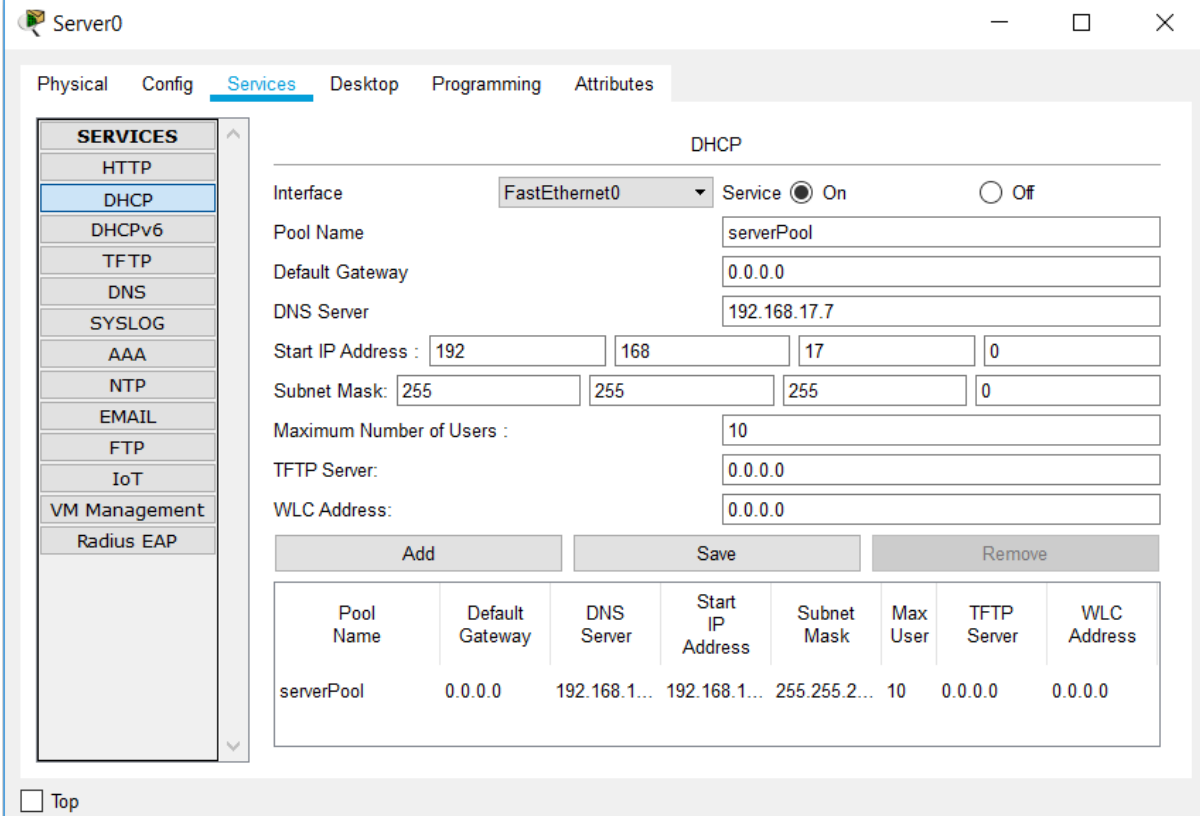
File Name: index.html

```
<html>
<head>
<title> HALLO</title>
</head>
<body>
<h1>Halo Nama Saya Angieta Putri W</h1>
</body>
</html>
```

File Manager Save

☐ Top

### 4. Melakukan Konfigurasi DHCP Server



The screenshot shows the 'Server0' configuration window with the 'Services' tab selected. On the left, the 'DHCP' service is highlighted. The main area displays the DHCP configuration for the 'FastEthernet0' interface. The 'Service' is set to 'On'. The configuration includes a 'Pool Name' of 'serverPool', a 'Default Gateway' of '0.0.0.0', a 'DNS Server' of '192.168.17.7', a 'Start IP Address' of '192.168.17.0', and a 'Subnet Mask' of '255.255.255.0'. The 'Maximum Number of Users' is set to '10'. The 'TFTP Server' and 'WLC Address' are both set to '0.0.0.0'. At the bottom, there are 'Add', 'Save', and 'Remove' buttons, followed by a table summarizing the configuration.

Physical Config **Services** Desktop Programming Attributes

**SERVICES**

- HTTP
- DHCP**
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

DHCP

Interface: FastEthernet0 Service: ☒ On ☐ Off

Pool Name: serverPool

Default Gateway: 0.0.0.0

DNS Server: 192.168.17.7

Start IP Address: 192 168 17 0

Subnet Mask: 255 255 255 0

Maximum Number of Users: 10

TFTP Server: 0.0.0.0

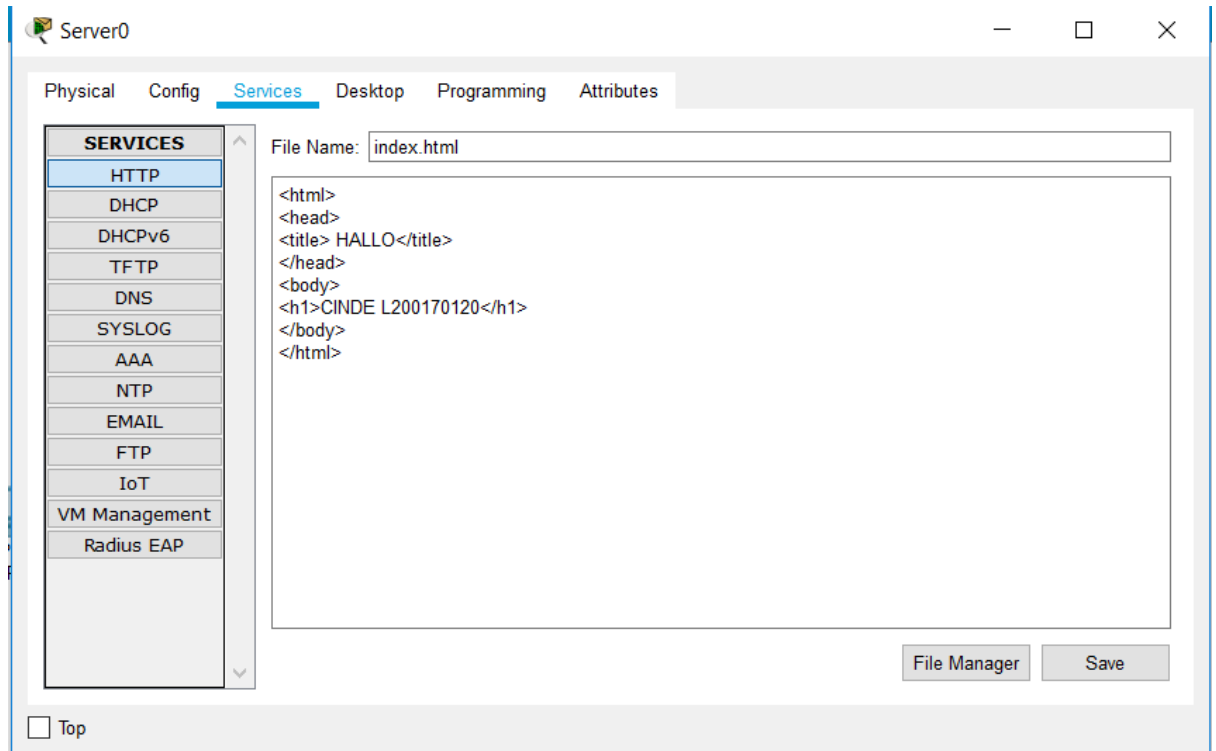
WLC Address: 0.0.0.0

Add Save Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	192.168.1...	192.168.1...	255.255.2...	10	0.0.0.0	0.0.0.0

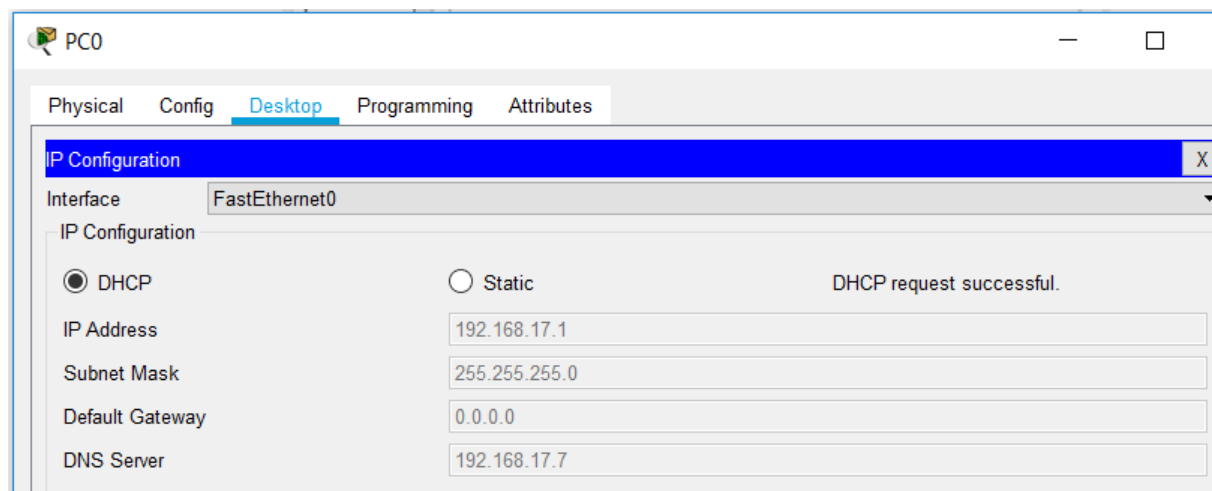
☐ Top

## 5. Melakukan Konfigurasi DNS

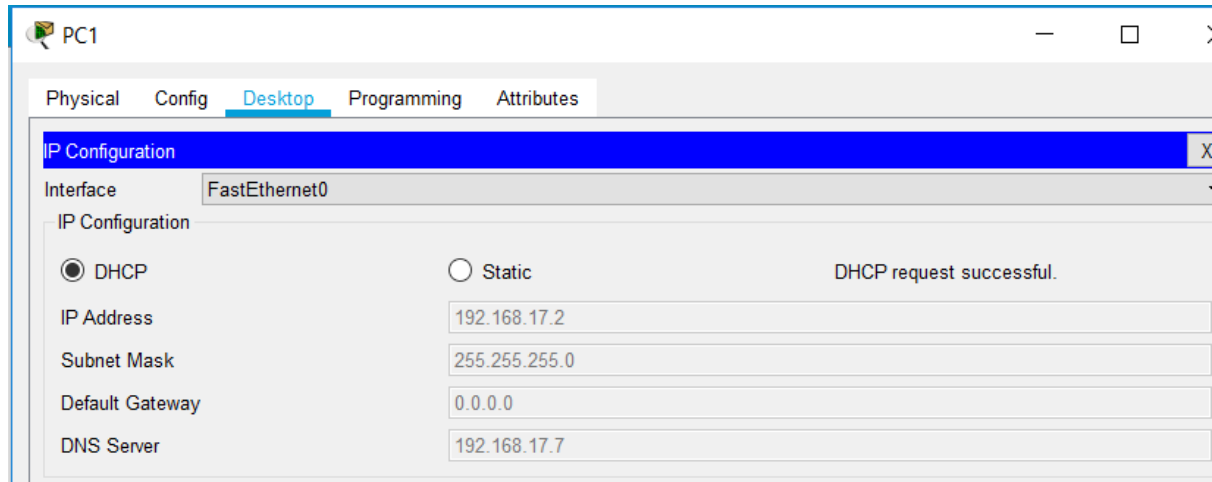


## 6. Konfigurasi PC

- PC0



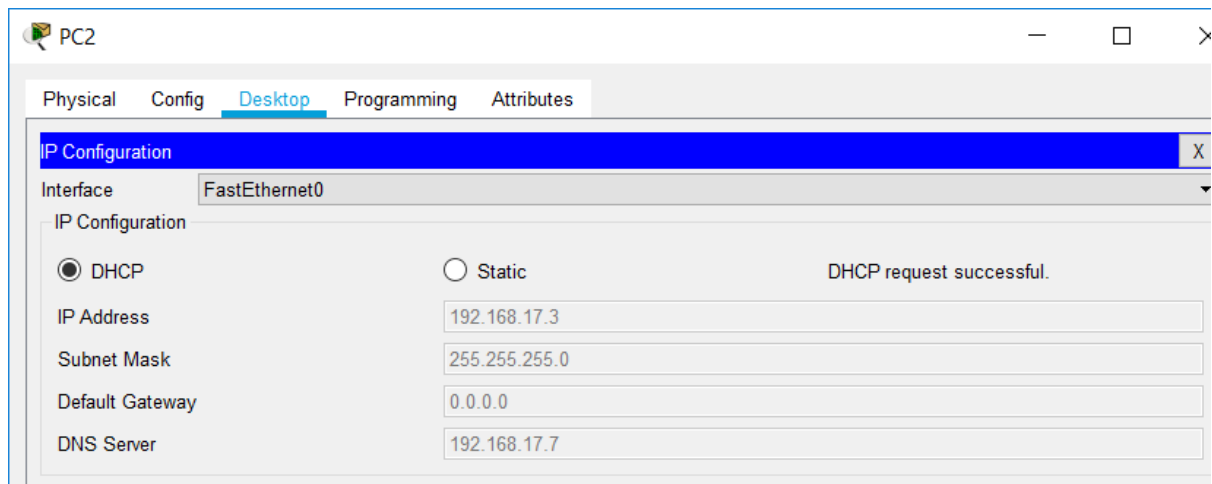
- PC1



The screenshot shows the configuration window for PC1. The 'Desktop' tab is selected. The 'IP Configuration' section is expanded, showing the 'FastEthernet0' interface. The 'DHCP' radio button is selected, and the 'Static' radio button is unselected. The 'DHCP request successful.' message is displayed. The IP Address is 192.168.17.2, Subnet Mask is 255.255.255.0, Default Gateway is 0.0.0.0, and DNS Server is 192.168.17.7.

Interface	FastEthernet0
IP Configuration	
<input checked="" type="radio"/> DHCP	<input type="radio"/> Static
DHCP request successful.	
IP Address	192.168.17.2
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	192.168.17.7

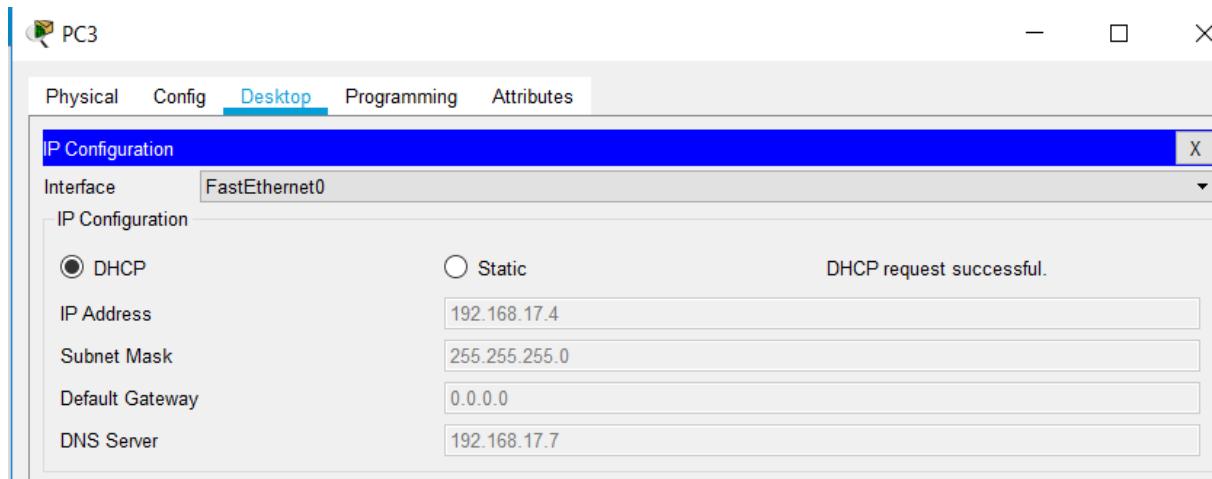
- PC2



The screenshot shows the configuration window for PC2. The 'Desktop' tab is selected. The 'IP Configuration' section is expanded, showing the 'FastEthernet0' interface. The 'DHCP' radio button is selected, and the 'Static' radio button is unselected. The 'DHCP request successful.' message is displayed. The IP Address is 192.168.17.3, Subnet Mask is 255.255.255.0, Default Gateway is 0.0.0.0, and DNS Server is 192.168.17.7.

Interface	FastEthernet0
IP Configuration	
<input checked="" type="radio"/> DHCP	<input type="radio"/> Static
DHCP request successful.	
IP Address	192.168.17.3
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	192.168.17.7

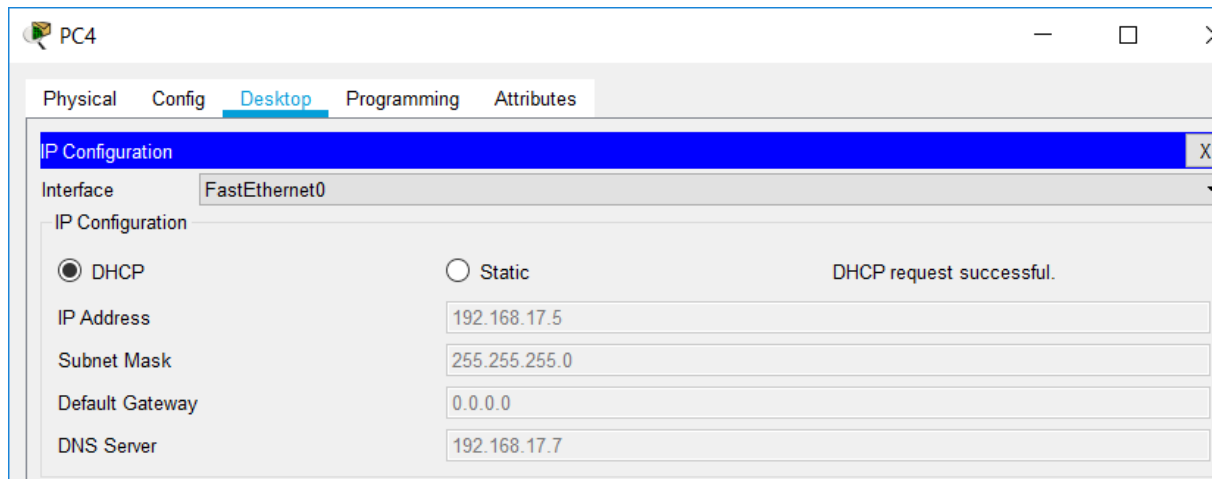
- PC3



The screenshot shows the configuration window for PC3. The 'Desktop' tab is selected. The 'IP Configuration' section is expanded, showing the 'FastEthernet0' interface. The 'DHCP' radio button is selected, and the 'Static' radio button is unselected. The 'DHCP request successful.' message is displayed. The IP Address is 192.168.17.4, Subnet Mask is 255.255.255.0, Default Gateway is 0.0.0.0, and DNS Server is 192.168.17.7.

Interface	FastEthernet0
IP Configuration	
<input checked="" type="radio"/> DHCP	<input type="radio"/> Static
DHCP request successful.	
IP Address	192.168.17.4
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	192.168.17.7

- PC4



## 7. Melakukan Percobaan

