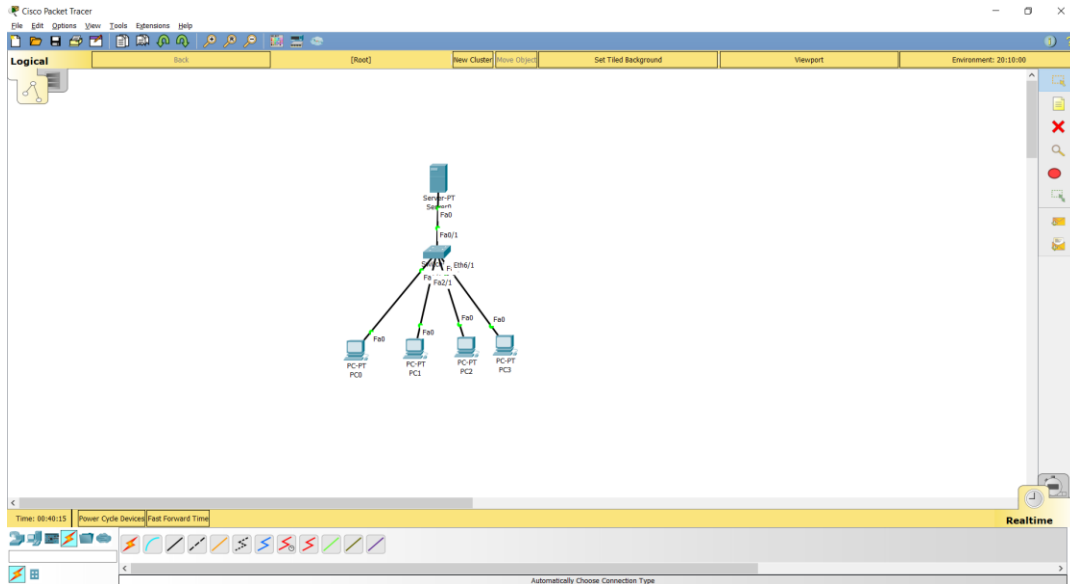


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Laporan Praktikum Jarkom




Modul5

Kegiatan 1.



- Konfigurasi server

 Server0

—
 



Physical
 Config
 Services
 Desktop
 Programming
 Attributes

SERVICES

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

DHCP

Interface

FastEthernet0

Service

☒ On
 ☐ Off

Pool Name

serverPool

Default Gateway

192.168.123.1

DNS Server

192.168.123.2

Start IP Address :

192

168

123

19

Subnet Mask:

255

255

255

0

Maximum Number of Users :

5

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	192.168.1...	192.168.1...	192.168.1...	255.255.2...	5	0.0.0.0	0.0.0.0

☐ Top

- Mengkonfigurasi PC0 agar IP nya dibuat DHCP

PC0

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☒ DHCP ☐ Static

IP Address: 192.168.123.19

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.123.1

DNS Server: 192.168.123.2

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address: /

Link Local Address: FE80::290:CFF:FE92:769

IPv6 Gateway:

IPv6 DNS Server:

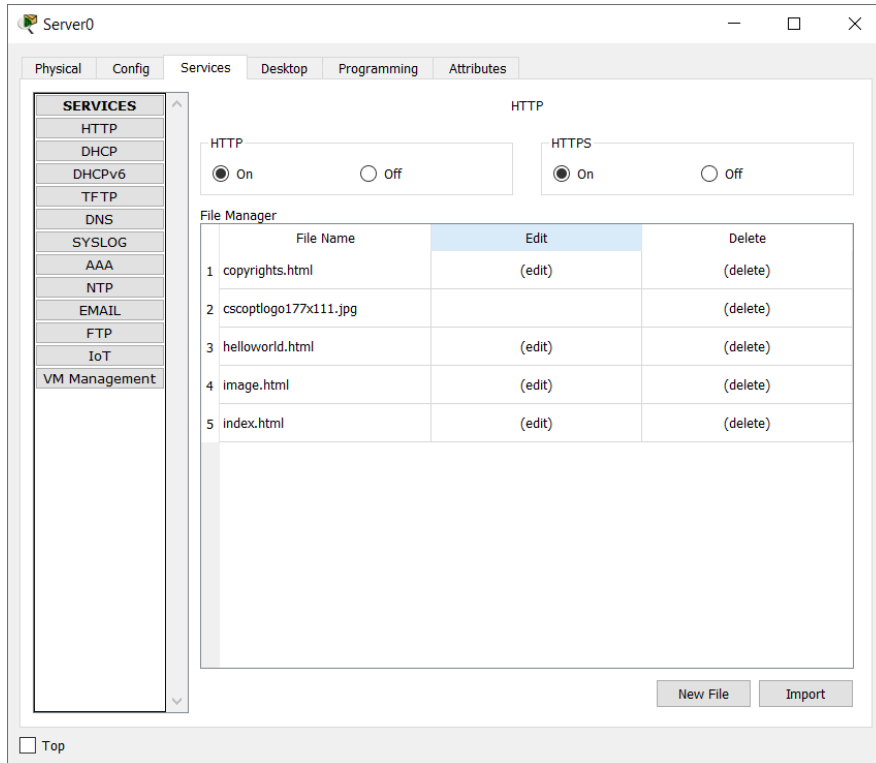
☐ Top

- Hasil dari ping IP masing-masing PC

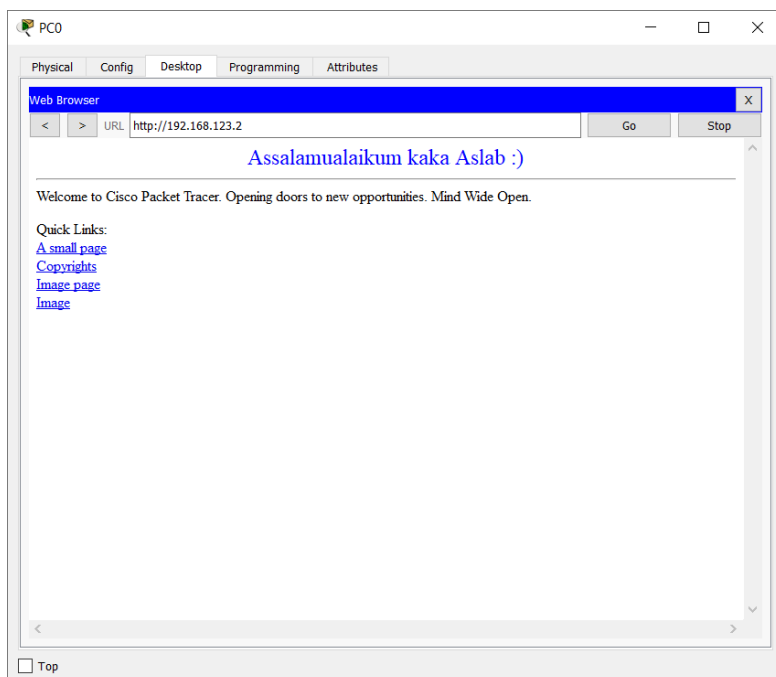
Realtime										
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC1	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC1	PC0	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC3	PC2	ICMP		0.000	N	2	(edit)	(delete)
	Successful	PC2	PC2	ICMP		0.000	N	2	(edit)	(delete)

Kegiatan 2.

- Konfigurasi simulasi server HTTP dan DHCP

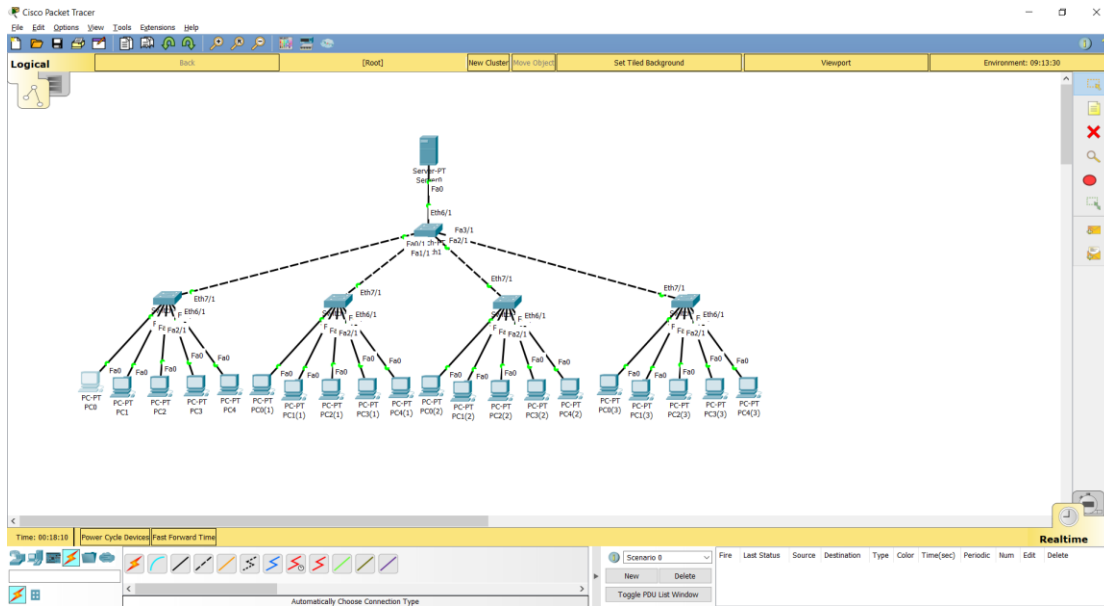


- Hasil dari browse pada PC0



TUGAS Modul 5

1. Membuat DHCP server dengan 20 pc



- Konfigurasi server untuk menentukan IP

The screenshot shows the configuration window for 'Server0'. The 'Config' tab is active, displaying 'Global Settings'. The 'Display Name' is set to 'Server0'. Under the 'Gateway/DNS IPv4' section, the 'Static' radio button is selected, and the 'Gateway' is configured as '192.168.1.1'. The 'DNS Server' field is empty. Under the 'Gateway/DNS IPv6' section, the 'Static' radio button is also selected, but the 'IPv6 Gateway' and 'IPv6 DNS Server' fields are empty. The left sidebar shows the configuration hierarchy: 'GLOBAL', 'Settings', 'Algorithm Settings', 'INTERFACE', and 'FastEthernet0'. The bottom of the window has a 'Top' button.

Server0

Physical

Config

Services

Desktop

Programming

Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

FastEthernet0

Port Status

☒ On

Bandwidth

☐ 100 Mbps

☒ 10 Mbps

☒ Auto

Duplex

☐ Half Duplex

☒ Full Duplex

☒ Auto

MAC Address

00D0.BC20.E803

IP Configuration

☐ DHCP

☒ Static

IP Address

192.168.1.1

Subnet Mask

255.255.255.0

IPv6 Configuration

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Address

Link Local Address

FE80::2D0:BCFF:FE20:E803

☐ Top

Server0

Physical

Config

Services

Desktop

Programming

Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

HTTP

HTTP

☒ On

☐ Off

HTTPS

☒ On

☐ Off

File Manager

	File Name	Edit	Delete
1	copyrights.html	(edit)	(delete)
2	cscoptlogo177x111.jpg		(delete)
3	helloworld.html	(edit)	(delete)
4	image.html	(edit)	(delete)
5	index.html	(edit)	(delete)

New File

Import

☐ Top

Server0

PhysicalConfigServicesDesktopProgrammingAttributes

SERVICES

HTTPDHCPDHCPv6TFTPDNSSYSLOGAAAANTPEMAILFTPIoTVM Management

DHCP

InterfaceFastEthernet0ServiceOnOff

Pool NameserverPool

Default Gateway192.168.1.1

DNS Server192.168.1.2

Start IP Address : 19216810

Subnet Mask: 2552552550

Maximum Number of Users : 20

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

AddSaveRemove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.168.1.1	192.168.1.2	192.168.1.0	255.255.2...	20	0.0.0.0	0.0.0.0

Top

Server0

PhysicalConfigServicesDesktopProgrammingAttributes

SERVICES

HTTPDHCPDHCPv6TFTPDNSSYSLOGAAAANTPEMAILFTPIoTVM Management

DNS

DNS ServiceOnOff

Resource Records

NameTypeA Record

Address

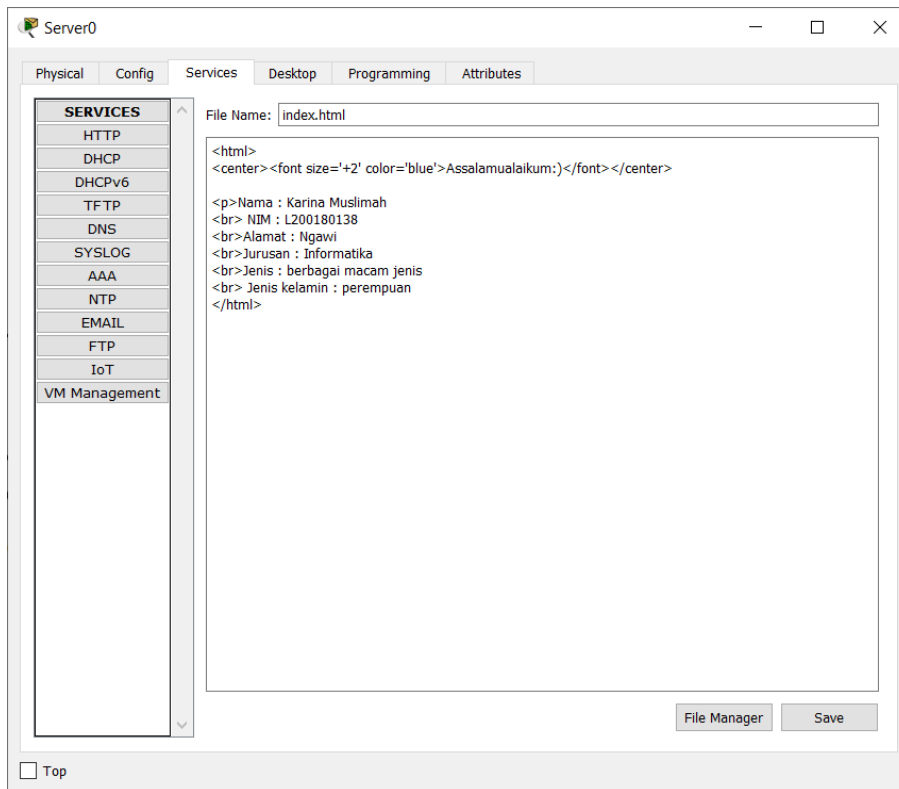
AddSaveRemove

No.	Name	Type	Detail
0	tugas	A Record	192.168.1.2

DNS Cache

Top

- Membuat tampilan browser dengan mengganti isinya, di HTTP



- Hasil dari browse IP server pada PC0,

