

LAPORAN AKHIR PRAKTIKUM

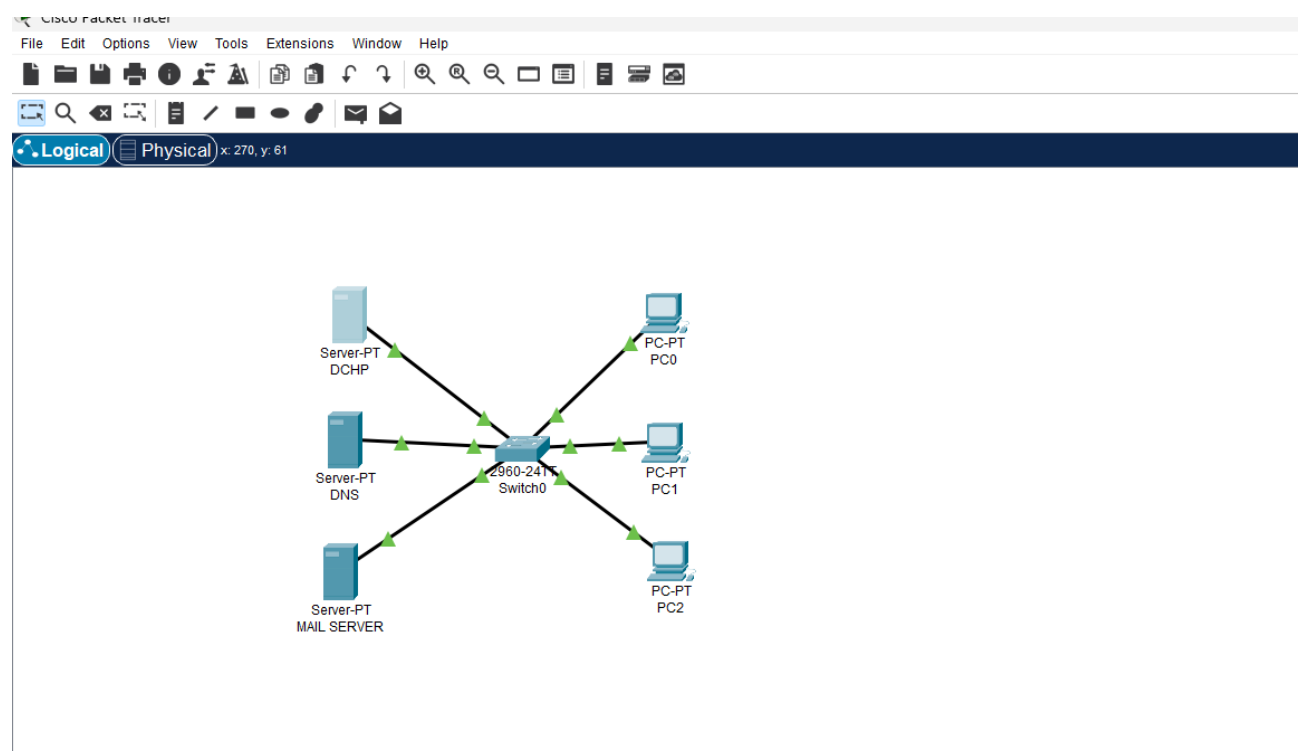
Mata Praktikum : JK
Kelas : 3IA19
Praktikum : 3
Tanggal : 10-30-2023
Materi : DNS
NPM : 50421859
Nama : Muhamad Ariel D.P
Ketua Asisten :
Nama Asisten : Haziq
Paraf Asisten :
Jumlah Lembar : 7



**LABORATORIUM INFORMATIKA
UNIVERSITAS GUNADARMA
2023**

LISTING

Buat topologi jaringan seperti dibawah:



The screenshot shows the 'DHCP' configuration window in Cisco Packet Tracer. The 'Desktop' tab is selected. The 'IP Configuration' section is expanded, showing the following settings:

- IP Configuration:**
 - ☐ DHCP
 - ☒ Static
 - IPv4 Address: 192.168.1.2
 - Subnet Mask: 255.255.255.0
 - Default Gateway: 192.168.1.1
 - DNS Server: 192.168.1.3
- IPv6 Configuration:**
 - ☐ Automatic
 - ☒ Static
 - IPv6 Address: [Empty field] / [Empty field]
 - Link Local Address: FE80::203:E4FF:FE48:DB7C
 - Default Gateway: [Empty field]
 - DNS Server: [Empty field]
- 802.1X:**
 - ☐ Use 802.1X Security
 - Authentication: MD5

Pertama buat 3 server, 1 switch, 3 pc, selanjutnya Atur ip Conviguration server1 yang telah diberi nama DHCP, seperti diatas

The screenshot shows the 'DHCP' configuration window. On the left, a 'SERVICES' sidebar lists various services, with 'DHCP' selected. The main area is titled 'DHCP' and contains the following fields:

- Interface: FastEthernet0
- Service: ☒ On, ☐ Off
- Pool Name: serverPool
- Default Gateway: 192.168.1.1
- DNS Server: 192.168.1.3
- Start IP Address: 192, 168, 1, 0
- Subnet Mask: 255, 255, 255, 0
- Maximum Number of Users: 251
- TFTP Server: 0.0.0.0
- WLC Address: 0.0.0.0

Below these fields are 'Add', 'Save', and 'Remove' buttons. At the bottom, a table displays the configured pool:

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.168.1.1	192.168.1.3	192.168.1.0	255.255.255.0	251	0.0.0.0	0.0.0.0

The screenshot shows the 'DNS' configuration window. The 'Desktop' tab is selected, and the 'IP Configuration' section is expanded. It contains the following settings:

- IP Configuration: ☐ DHCP, ☒ Static
- IPv4 Address: 192.168.1.3
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.1.1
- DNS Server: 192.168.1.3

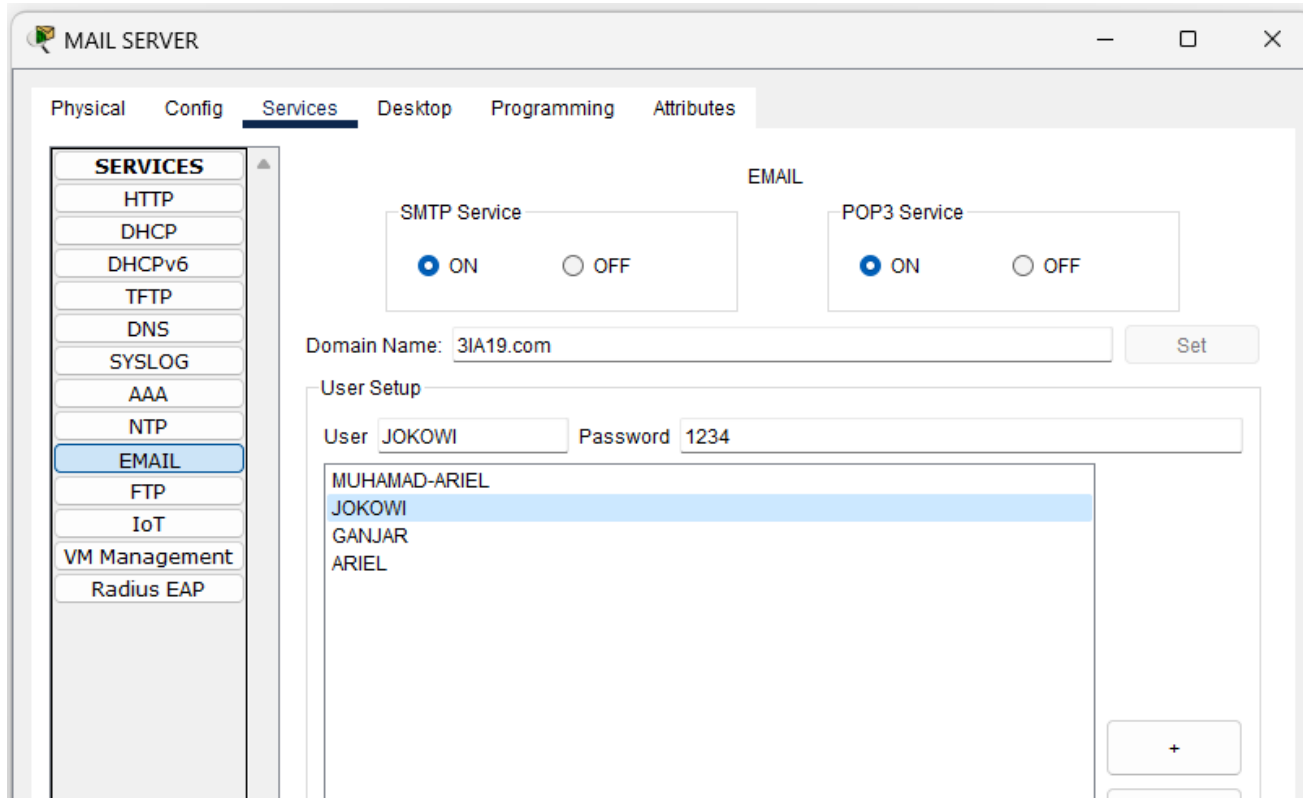
Below the IPv4 section is the 'IPv6 Configuration' section:

- IPv6 Configuration: ☐ Automatic, ☒ Static
- IPv6 Address: (empty field)
- Link Local Address: FE80::2D0:97FF:FE55:DAB9
- Default Gateway: (empty field)
- DNS Server: (empty field)

At the bottom is the '802.1X' section:

- 802.1X: ☐ Use 802.1X Security
- Authentication: MD5
- Username: (empty field)
- Password: (empty field)

Selanjutnya atur juga gateway dan DNS server seperti diatas, Selanjutnya Atur ip Convigation server1 yang telah diberi nama DNS, seperti diatas



SELANJUTNYA LALU TAMBAHKAN DOMAIN NAME, DAN ISI USER SETUP -3IA19.COM, PADA PC0 ATUR PADA IP CONFIGURATION, PILIH DHCP MAKA IP ADDRESS DAN YANG LAINNYA AKAN TERISI. ATUR JUGA PADA PC1 DAN PC2

PC0

Physical Config **Desktop** Programming Attributes

Configure Mail X

User Information

Your Name: PRABOWO

Email Address: PRABOWO@3ia19.com

Server Information

Incoming Mail Server: 192.168.1.4

Outgoing Mail Server: 192.168.1.4

Logon Information

User Name: PRABOWO

Password: ●●●●

Save Remove Clear Reset

PC1

Physical Config **Desktop** Programming Attributes

Configure Mail X

User Information

Your Name: JOKOWI

Email Address: JOKOWI@3ia19.com

Server Information

Incoming Mail Server: 192.168.1.4

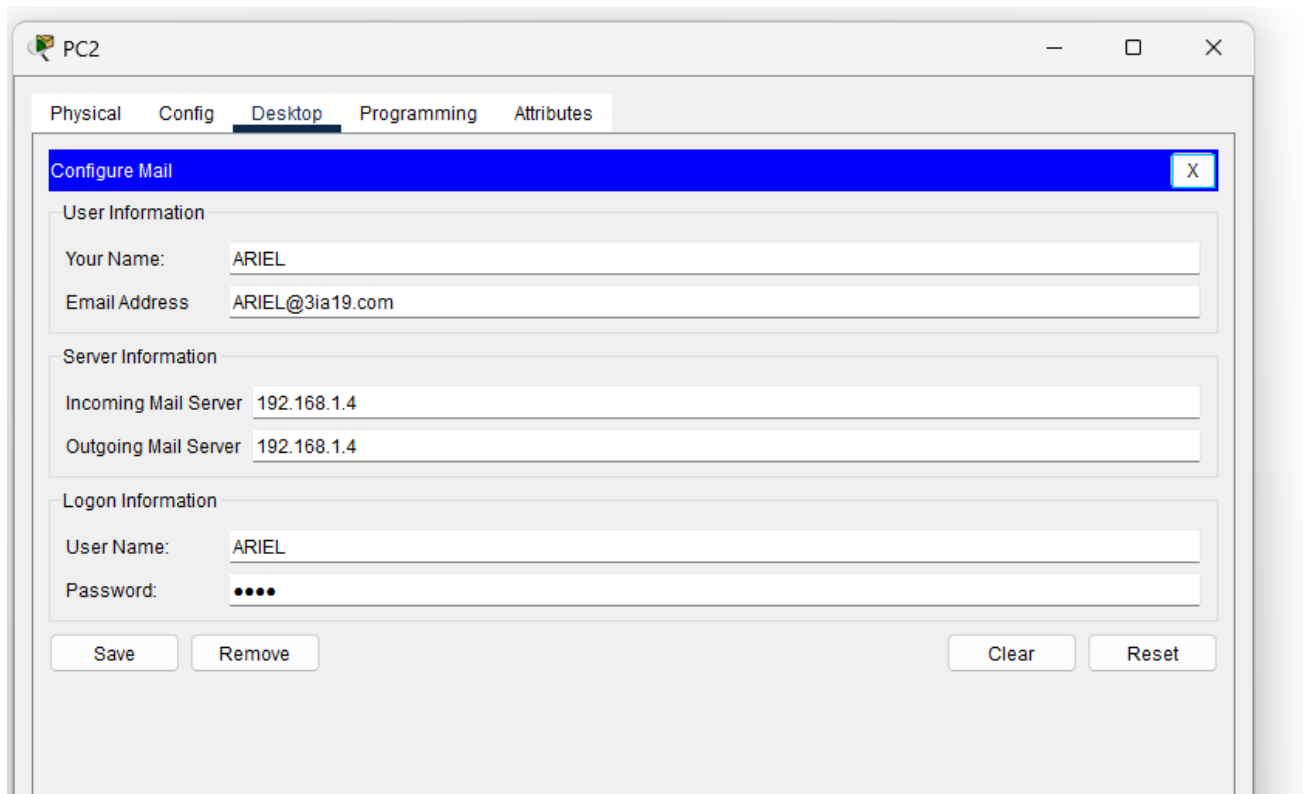
Outgoing Mail Server: 192.168.1.4

Logon Information

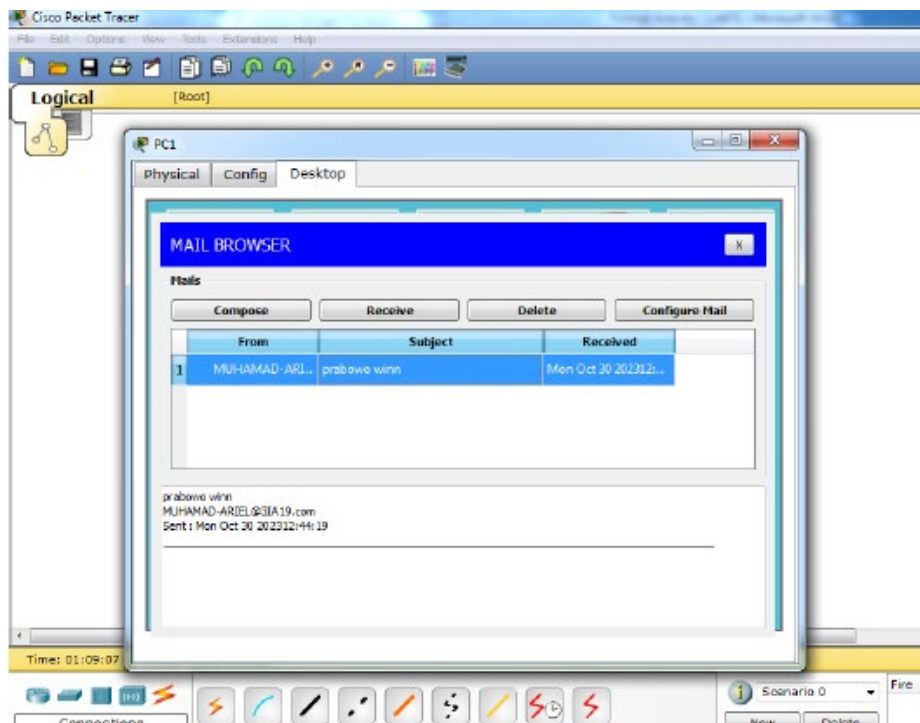
User Name: JOKOWI

Password: ●●●●

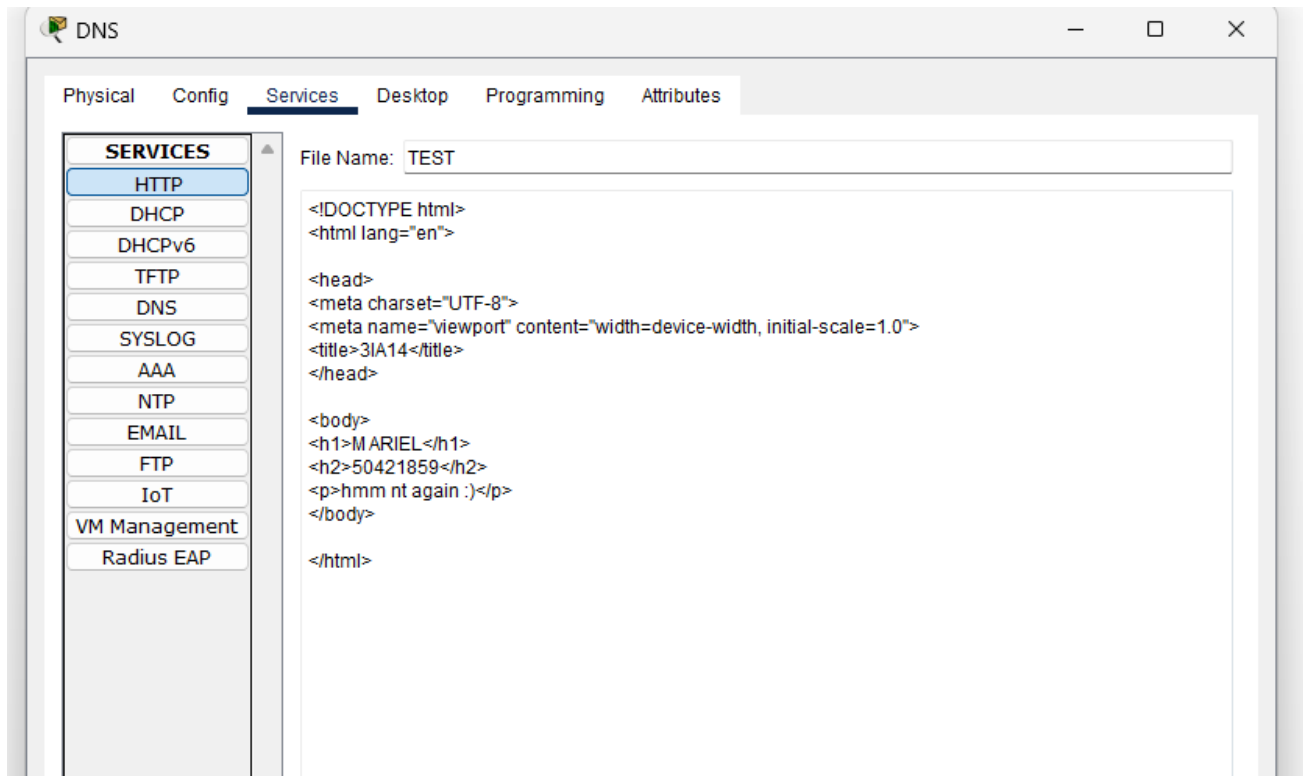
Save Remove Clear Reset



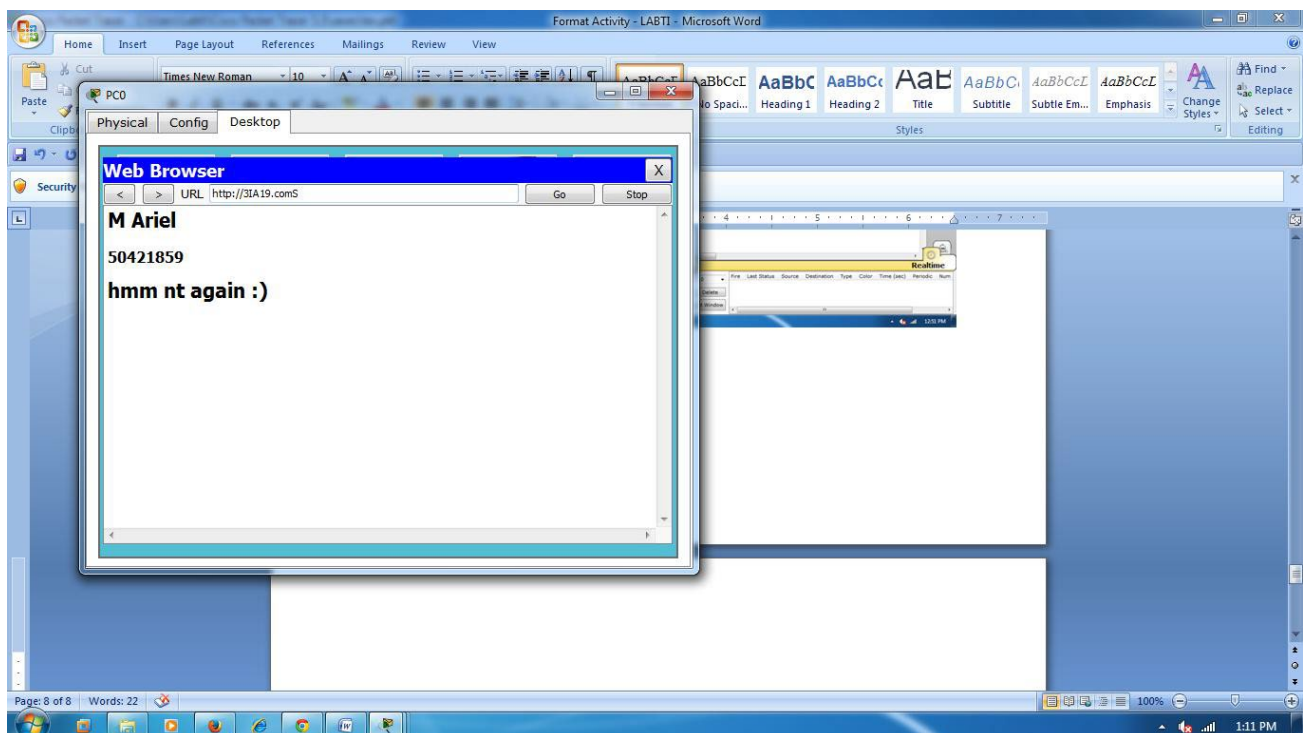
SELANJUTNYA ATUR MAIL PADA PC0 SEPERTI DIATAS.



LALU COBA KIRIM MAIL, DENGAN ALAMAT EMAIL SEPERTI DIATAS.



TAMBAHKAN DI DNS SERVER LALU KLIK HTTP DAN COPY CODE PADA INDEX.HTML.



HASILNYA DIBUKA PADA WEB BROWSER PAPA PC MANA SAJA, DENGAN NAMA DOMAIN 3i19.com