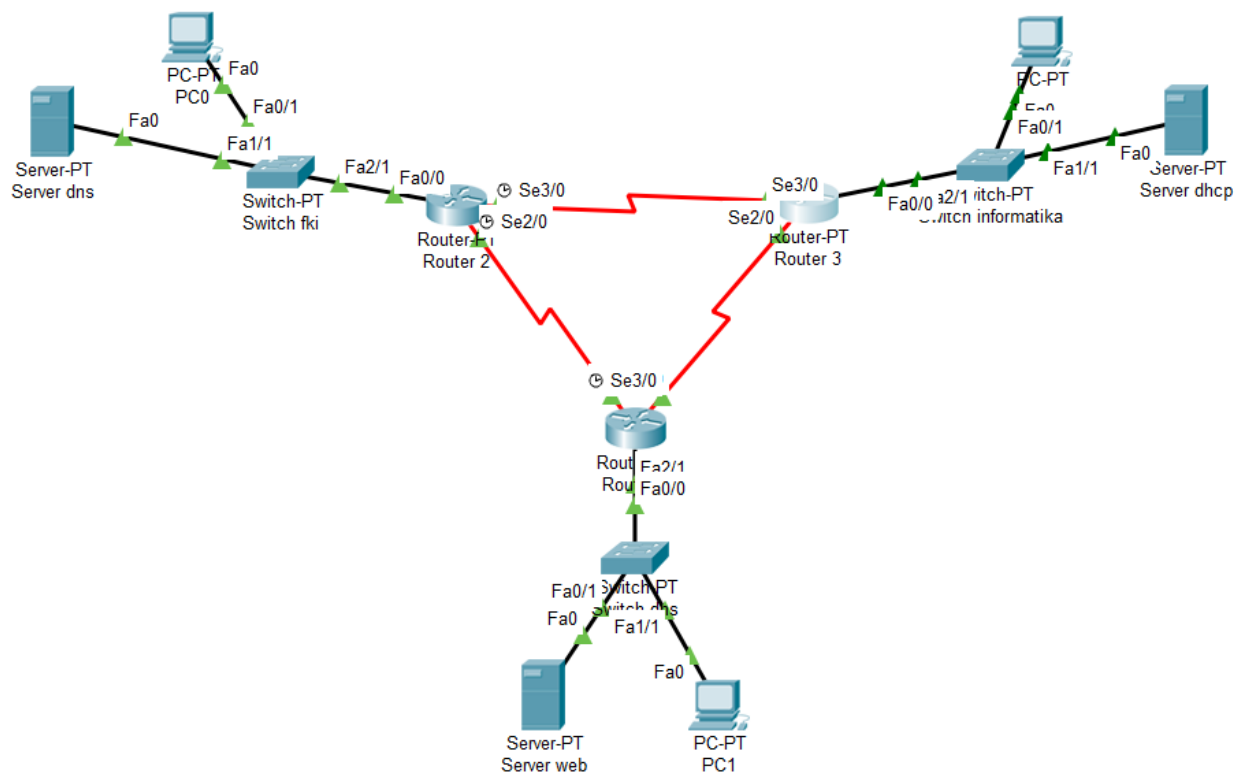Nama   : Yussynta Dewi Aprilya Putri

NIM   : L200170084

Kelas   : B

Soal UAS

1. Buatlah topologi seperti pada gambar

2. Lakukan konfigurasi pengalamatan IP terhadap ROUTER 1, 2, 3, PC 1, 2, 3
   - Router 1

Router 1

Serial3/0

Port Status — ☑ On
Duplex — ◉ Full Duplex
Clock Rate — 2000000 ▼

IP Configuration
IP Address — 60.60.60.1
Subnet Mask — 255.255.255.0

Tx Ring Limit — 10

Equivalent IOS Commands

```
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial2/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial3/0
Router(config-if)#
```

☐ Top

- Router 2

Router 2

FastEthernet0/0

Port Status — ☑ On
Bandwidth — ◉ 100 Mbps ◯ 10 Mbps ☑ Auto
Duplex — ◯ Half Duplex ◉ Full Duplex ☑ Auto
MAC Address — 000A.F351.C097

IP Configuration
IP Address — 192.168.10.1
Subnet Mask — 255.255.255.0

Tx Ring Limit — 10

Equivalent IOS Commands

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
```

Activate Windows

☐ Top

Router 2 — Serial2/0

Physical | **Config** | **CLI** | **Attributes**

GLOBAL
- Settings
- Algorithm Settings

ROUTING
- Static
- RIP

INTERFACE
- FastEthernet0/0
- FastEthernet1/0
- Serial2/0
- Serial3/0
- FastEthernet4/0
- FastEthernet5/0

Serial2/0

Port Status	☑ On
Duplex	◉ Full Duplex
Clock Rate	2000000 ▼

IP Configuration

IP Address	10.10.10.1
Subnet Mask	255.255.255.0

Tx Ring Limit	10

Equivalent IOS Commands

```
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial2/0
Router(config-if)#
```

☐ Top

Router 2 — Serial3/0

Physical | **Config** | **CLI** | **Attributes**

GLOBAL
- Settings
- Algorithm Settings

ROUTING
- Static
- RIP

INTERFACE
- FastEthernet0/0
- FastEthernet1/0
- Serial2/0
- Serial3/0
- FastEthernet4/0
- FastEthernet5/0

Serial3/0

Port Status	☑ On
Duplex	◉ Full Duplex
Clock Rate	2000000 ▼

IP Configuration

IP Address	20.20.20.1
Subnet Mask	255.255.255.0

Tx Ring Limit	10

Equivalent IOS Commands

```
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial2/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial3/0
Router(config-if)#
```

☐ Top

- Router 3

Router 3 — □ ×

Physical　Config　CLI　Attributes

GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
INTERFACE
FastEthernet0/0
FastEthernet1/0
Serial2/0
Serial3/0
FastEthernet4/0
FastEthernet5/0

FastEthernet0/0

Port Status ☑ On
Bandwidth ○ 100 Mbps ○ 10 Mbps ☑ Auto
Duplex ○ Half Duplex ● Full Duplex ☑ Auto
MAC Address　0009.7C02.286D

IP Configuration
IP Address　192.168.20.1
Subnet Mask　255.255.255.0

Tx Ring Limit　10

Equivalent IOS Commands

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
```

☐ Top

Router 3 — □ ×

Physical　Config　CLI　Attributes

GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
INTERFACE
FastEthernet0/0
FastEthernet1/0
Serial2/0
Serial3/0
FastEthernet4/0
FastEthernet5/0

Serial2/0

Port Status ☑ On
Duplex ● Full Duplex
Clock Rate　1200 ▾

IP Configuration
IP Address　30.30.30.1
Subnet Mask　255.255.255.0

Tx Ring Limit　10

Equivalent IOS Commands

```
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial2/0
Router(config-if)#
```

☐ Top

- Server DNS

Server dns

Physical | Config | Services | Desktop | Programming | Attributes

GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0

Global Settings

Display Name | Server dns

Gateway/DNS IPv4
○ DHCP
◉ Static
Gateway | 192.168.10.1
DNS Server |

Gateway/DNS IPv6
○ DHCP
○ Auto Config
◉ Static
IPv6 Gateway |
IPv6 DNS Server |

☐ Top

Server dns

Physical | Config | Services | Desktop | Programming | Attributes

IP Configuration [X]

IP Configuration

○ DHCP   ◉ Static
IP Address | 192.168.10.2
Subnet Mask | 255.255.255.0
Default Gateway | 192.168.10.1
DNS Server | 0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ◉ Static
IPv6 Address | | /
Link Local Address | FE80::209:7CFF:FE7B:1678
IPv6 Gateway |
IPv6 DNS Server |

802.1X

☐ Use 802.1X Security
Authentication | MD5
Username |
Password |

☐ Top

- Server DHCP

- Server WEB

Server web

| Physical | Config | Services | Desktop | Programming | Attributes |

GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0

Global Settings

Display Name: Server web

Gateway/DNS IPv4
- ◯ DHCP
- ⦿ Static

Gateway: 192.168.30.1
DNS Server:

Gateway/DNS IPv6
- ◯ DHCP
- ◯ Auto Config
- ⦿ Static

IPv6 Gateway:
IPv6 DNS Server:

☐ Top

Server web

| Physical | Config | Services | Desktop | Programming | Attributes |

IP Configuration [X]

IP Configuration

- ◯ DHCP
- ⦿ Static

IP Address: 192.168.30.2
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.30.1
DNS Server: 0.0.0.0

IPv6 Configuration

- ◯ DHCP
- ◯ Auto Config
- ⦿ Static

IPv6 Address: _____ / ____
Link Local Address: FE80::20A:F3FF:FED0:39C2
IPv6 Gateway:
IPv6 DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5
Username:
Password:

☐ Top

- PC0

- PC1

- PC2

3. Lakukan Uji Koneksi

4. Plih slah satu server untuk meng 'ON' kan DNS dan menambahkan nama dan alamat server
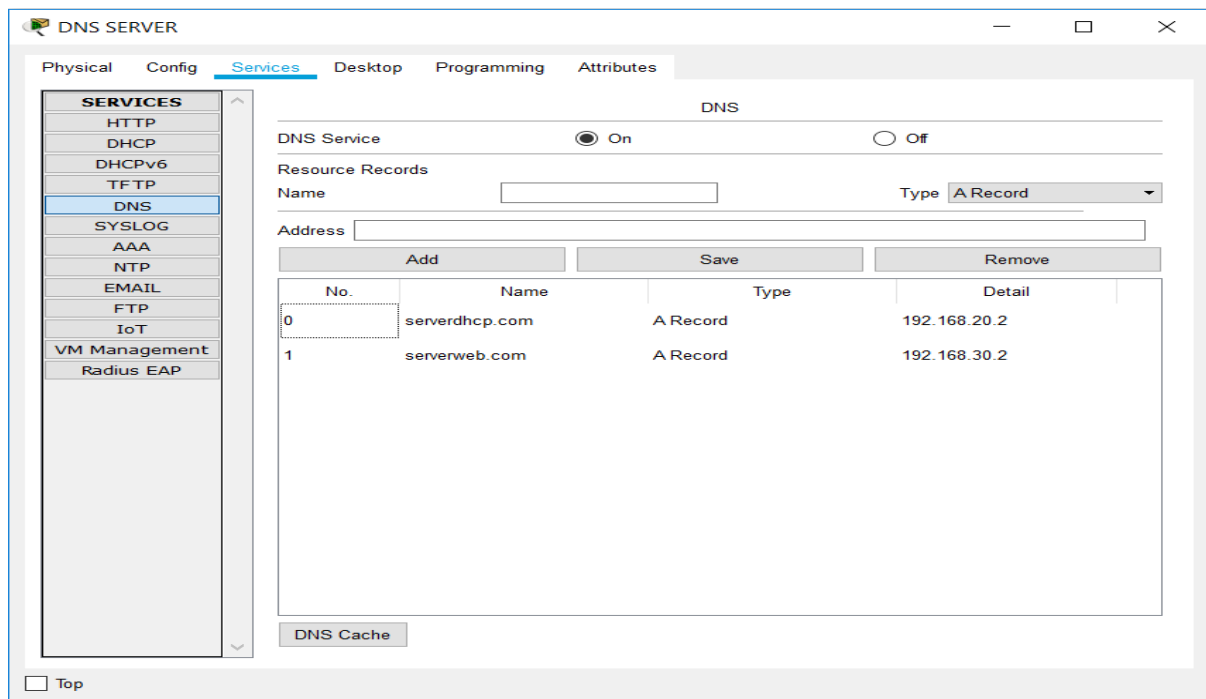
5. Uji URL yang di buat pada Web Browser salah satu PC

PC2 — □ ✕

Physical Config **Desktop** Programming Attributes

Web Browser   X

< | > | URL http://serverweb.com | Go | Stop

SERVER WEB

IP ADRESS : 192.168.30.2.

Quick Links:
A small page
Copyrights
Image page
Image

☐ Top