



ChatGPT



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Eksplorasi GPT

Hari Ini

UAS Routing Switching konfi...

2023

IOS Cisco: Local Interface

One-to-One Static NAT

New chat

New chat

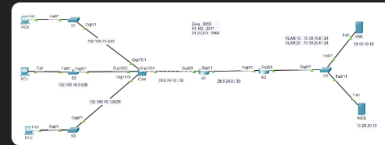
New chat

Web Developer Roles.

Hover transisi halus.

Toko AC Website Moodboard

New chat



UAS Routing Switching buat seperti gambar.

Konfigurasi supaya semua PC bisa terhubung ke server WEB menggunakan nama domain.

Nama domain bebas.

IP Semua PC kecuali Server didapatkan dari DHCP pada Core.

Gunakan static routing untuk menghubungkan R1 dan R2.



To set up the network as depicted in the image and ensure all PCs can connect to the WEB server using a domain name, you can follow these steps:

Step 1: Configure Core Switch

1. Enable IP routing:

plaintext

Salin kode

```
Core(config)# ip routing
```

2. Configure VLANs:

plaintext

Salin kode

```
Core(config)# vlan 10
Core(config-vlan)# exit
Core(config)# vlan 20
Core(config-vlan)# exit
```

3. Configure SVIs (Switch Virtual Interfaces) for VLANs and DHCP pools:

plaintext

Salin kode

```
Core(config)# interface vlan 10
Core(config-if)# ip address 10.10.10.1 255.255.255.0
Core(config-if)# exit

Core(config)# interface vlan 20
Core(config-if)# ip address 10.10.20.1 255.255.255.0
Core(config-if)# exit

Core(config)# ip dhcp pool VLAN10
Core(dhcp-config)# network 10.10.10.0 255.255.255.0
Core(dhcp-config)# default-router 10.10.10.1
Core(dhcp-config)# dns-server 10.10.10.10
Core(dhcp-config)# exit

Core(config)# ip dhcp pool VLAN20
Core(dhcp-config)# network 10.10.20.0 255.255.255.0
Core(dhcp-config)# default-router 10.10.20.1
Core(dhcp-config)# dns-server 10.10.10.10
Core(dhcp-config)# exit
```

4. Assign interfaces to VLANs:

plaintext

Salin kode

```
Core(config)# interface range Gig1/0/1 - 4
Core(config-if-range)# switchport mode trunk
Core(config-if-range)# exit

Core(config)# interface Gig1/0/1
Core(config-if)# switchport access vlan 10
Core(config-if)# exit

Core(config)# interface Gig1/0/2
Core(config-if)# switchport access vlan 20
Core(config-if)# exit
```

Step 2: Configure Switches S1, S2, and S3

1. Configure the interfaces on S1:



plaintext

Salin kode

```
S1(config)# interface Gig0/1
S1(config-if)# switchport mode access
S1(config-if)# switchport access vlan 10
S1(config-if)# exit
```

2. Configure the interfaces on S2:

plaintext

Salin kode

```
S2(config)# interface Gig0/1
S2(config-if)# switchport mode access
S2(config-if)# switchport access vlan 10
S2(config-if)# exit
```

3. Configure the interfaces on S3:

plaintext



Salin kode

```
S3(config)# interface Gig0/1
S3(config-if)# switchport mode access
S3(config-if)# switchport access vlan 20
S3(config-if)# exit
```

Step 3: Configure Routers R1 and R2

1. Configure R1:

plaintext

Salin kode

```
R1(config)# interface Gig0/0
R1(config-if)# ip address 28.6.24.17 255.255.255.252
R1(config-if)# no shutdown
R1(config-if)# exit

R1(config)# interface Gig0/1
R1(config-if)# ip address 28.6.24.18 255.255.255.252
R1(config-if)# no shutdown
R1(config-if)# exit

R1(config)# ip route 10.10.10.0 255.255.255.0 28.6.24.18
R1(config)# ip route 10.10.20.0 255.255.255.0 28.6.24.18
```

2. Configure R2:

plaintext

Salin kode

```
R2(config)# interface Gig0/0
R2(config-if)# ip address 28.6.24.18 255.255.255.252
R2(config-if)# no shutdown
R2(config-if)# exit

R2(config)# interface Gig0/1
R2(config-if)# ip address 28.6.24.19 255.255.255.252
R2(config-if)# no shutdown
R2(config-if)# exit

R2(config)# ip route 10.10.10.0 255.255.255.0 28.6.24.17
R2(config)# ip route 10.10.20.0 255.255.255.0 28.6.24.17
```

Step 4: Configure Switch S4

1. Configure VLANs on S4:

plaintext

Salin kode

```
S4(config)# vlan 10
S4(config-vlan)# exit
S4(config)# vlan 20
S4(config-vlan)# exit
```

2. Configure interfaces on S4:

plaintext

Salin kode

```
S4(config)# interface Gig0/1
S4(config-if)# switchport mode trunk
S4(config-if)# exit

S4(config)# interface Fa0/1
S4(config-if)# switchport mode access
S4(config-if)# switchport access vlan 10
S4(config-if)# exit

S4(config)# interface Fa0/11
S4(config-if)# switchport mode access
S4(config-if)# switchport access vlan 20
S4(config-if)# exit
```

Step 5: Configure DNS Server

1. Set the DNS entry on the DNS server for the domain to point to the WEB server.

Assuming the domain is `mydomain.com`, and the IP of the WEB server is `10.20.20.10`:

plaintext

Salin kode

```
mydomain.com A 10.20.20.10
```

Step 6: Configure WEB Server

1. Ensure the WEB server has a static IP:

plaintext

Salin kode

```
WEB(config)# interface Fa0
WEB(config-if)# ip address 10.20.20.10 255.255.255.0
WEB(config-if)# no shutdown
WEB(config-if)# exit
```

Step 7: Test Connectivity

1. Ensure all PCs receive IP addresses from DHCP and can ping the WEB server.
2. Ensure all PCs can resolve the domain name and access the WEB server.

This setup should ensure that all PCs in the network can connect to the WEB server using the specified domain name.

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Upgrade paket
Dapatkan GPT-4, DALL-E, dan...

🔗 Kirim pesan ke ChatGPT

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ChatGPT dapat membuat kesalahan. Periksa info penting.

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