

1. Jumlah subnet yang ada  
Terdapat 6 subnet
2. Dengan menggunakan blok alamat di atas, tentukanlah Network Address, Host Range, dan Broadcast address untuk semua subnet yang ada.

#### **LAN 1**

Network Address : 153.222.81.128/25  
Host Range : 153.222.80.129 - 153.222.80.190  
Broadcast : 153.222.80.191

#### **LAN 2**

Network Address : 153.222.81.0/25  
Host Range : 153.222.81.1 - 153.222.81.254  
Broadcast : 153.222.81.255

#### **LAN 3**

Network Address : 153.222.80.0/24  
Host Range : 153.222.80.1 - 153.222.80.254  
Broadcast : 153.222.80.255

#### **LAN 4**

Network Address : 153.222.79.0/24  
Host Range : 153.222.79.1 - 153.222.79.254  
Broadcast : 153.222.79.255

#### **LAN 5**

Network Address : 153.222.81.192/30  
Host Range : 153.222.81.193 - 153.222.81.194  
Broadcast : 153.222.81.195

#### **LAN 6**

Network Address : 153.222.81.196/30  
Host Range : 153.222.81.197 - 153.222.81.198  
Broadcast : 153.222.81.199

3. IP untuk tiap PC, server, dan router

**LAN 1**

PC 0 : 153.222.81.130

PC 1 : 153.222.81.131

**LAN 2**

PC 2 : 153.222.81.2

PC 3 : 153.222.81.3

**LAN 3**

DNS : 153.222.80.2

www.web1.com : 153.222.80.3

www.web2.com : 153.222.80.4

**LAN 4**

PC 4 : 153.222.79.2

PC 5 : 153.222.79.3

**Router 1**

153.222.80.129

**Router 2**

153.222.81.1

**Router 3**

153.222.79.1

4.

DNS

PhysicalConfigServicesDesktopCustom Interface

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

DNS

DNS Service ☒ On ☐ Off

Resource Records

Name  Type 

A Record

Address

Add

Save

Remove

No.	Name	Type	Detail
0	www.web1.com	A Record	153.222.80.3
1	www.web2.com	A Record	153.222.80.4

DNS Cache