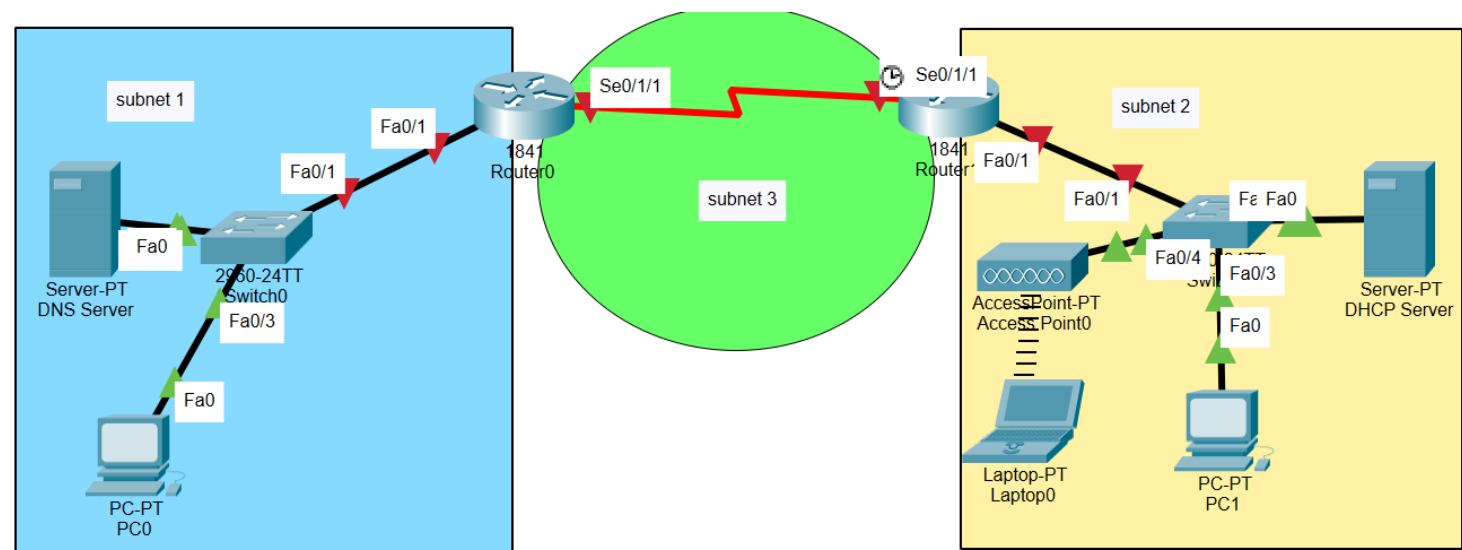


Fill up the Required Answers in the document.  
Please submit this answer sheet in pdf format.

Topology: -



Task 1 (Subnetting)

- 1. Subnet the IP **193.100.100.0/24** for: -
  - a) Subnet 1 LAN (50 valid hosts)
  - b) Subnet 2 LAN (25 valid hosts)
  - c) WAN (2 valid hosts)

Fill in the Following Information (Write the address with the subnet mask included in CIDR Notation)

a. Subnet 1 LAN:

Network Address	Usable IP Address Range	Broadcast Address

b. Subnet 2 LAN:

Network Address	Usable IP Address Range	Broadcast Address

c. Subnet 3 WAN:

Network Address	Usable IP Address Range	Broadcast Address

Task 2: Configure DNS and DHCP Service.

2. Configure DNS service in DNS Server as instructed in the packet tracer activity file.

Fill in the following information for DNS Server

Domain Name	
IP Address	

3. Configure DHCP Service in DHCP Server as instructed in the packet tracer activity file.

Fill in the following information for DHCP Service

Pool name	
Default Gateway	
DNS Server	
Start IP Address	
Subnet Mask	

### Task 3: Configure Wireless Access point

4. Configure Wireless Access Point as instructed in the packet tracer activity file.

Fill in the following information for Wireless Access point:

Wi-Fi SSID Name	
Encryption type	
Wi-Fi Password	

### Task 4: Configure Static Routing

5. Configure Static Routing in both Router0 and Router1

a. Fill in the following information for Static routing in Router0:

Destination Network Address	
Destination Network Address Subnet Mask	
Next hop IP address	

b. Fill in the following information for Static routing in Router1:

Destination Network Address	
Destination Network Address Subnet Mask	
Next hop IP address	

**END**