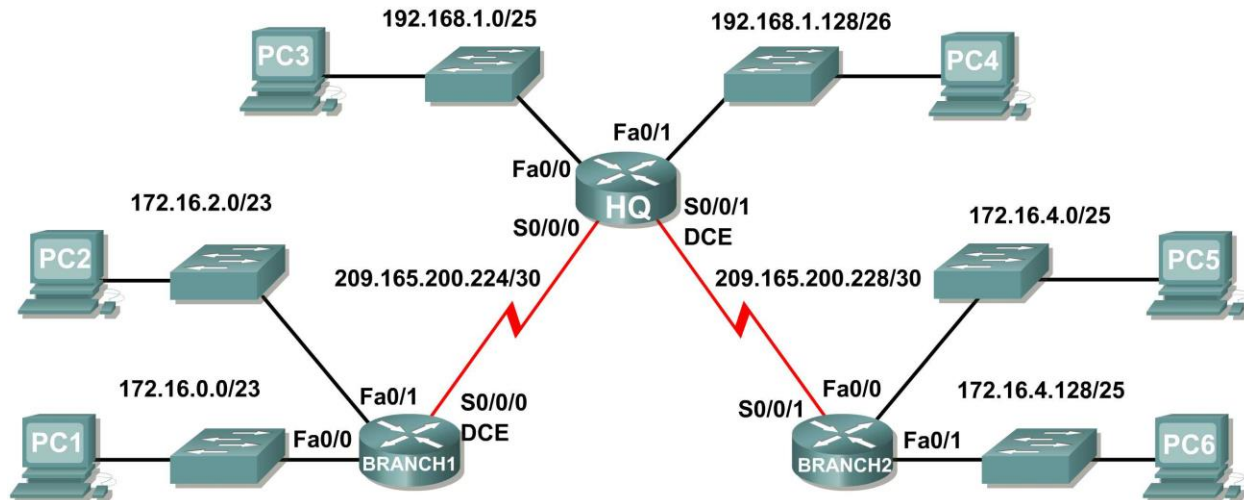


## Information Assurance and Security (IT352) Lab Program -1

Create a network topology as show in below Figure using only CISCO packet tracer and assign an IP address to interface/device as given in the below Table.



Addressing Table

| Device  | Interface | IP Address      | Subnet Mask     | Default Gateway |
|---------|-----------|-----------------|-----------------|-----------------|
| HQ      | Fa0/0     | 192.168.1.1     | 255.255.255.128 | N/A             |
|         | Fa0/1     | 192.168.1.129   | 255.255.255.192 | N/A             |
|         | S0/0/0    | 209.165.200.225 | 255.255.255.252 | N/A             |
|         | S0/0/1    | 209.165.200.229 | 255.255.255.252 | N/A             |
| BRANCH1 | Fa0/0     | 172.16.0.1      | 255.255.254.0   | N/A             |
|         | Fa0/1     | 172.16.2.1      | 255.255.254.0   | N/A             |
|         | S0/0/0    | 209.165.200.226 | 255.255.255.252 | N/A             |
| BRANCH2 | Fa0/0     | 172.16.4.1      | 255.255.255.128 | N/A             |
|         | Fa0/1     | 172.16.4.129    | 255.255.255.128 | N/A             |
|         | S0/0/1    | 209.165.200.230 | 255.255.255.252 | N/A             |
| PC1     | NIC       | 172.16.0.10     | 255.255.254.0   | 172.16.0.1      |
| PC2     | NIC       | 172.16.2.10     | 255.255.254.0   | 172.16.2.1      |
| PC3     | NIC       | 192.168.1.10    | 255.255.255.128 | 192.168.1.1     |
| PC4     | NIC       | 192.168.1.138   | 255.255.255.192 | 192.168.1.129   |
| PC5     | NIC       | 172.16.4.10     | 255.255.255.128 | 172.16.4.1      |
| PC6     | NIC       | 172.16.4.138    | 255.255.255.128 | 172.16.4.129    |