

IPv4 Review

CISCO

Find 1st Valid
→ cost valid address

Find the IP Address, Class, # of Network octets, # of Host octets, network ID and broadcast ID for each:

1.) 1.1.1.1

A 1.0.0.0 +1 = 1.0.0.1
1 net/3 host 1.255.255.255 = 1.255.255.254

2.) 128.1.6.5

B 128.1.0.0 +1 first valid = 128.1.0.1
2 net/2 host 128.1.255.255 -1 last valid = 128.1.255.254

3.) 200.1.2.3

C 200.1.2.0 +1 first = 200.1.2.1
3 net/1 host 200.1.2.255 -1 last = 200.1.2.254

4.) 192.192.1.1

C 192.192.1.0 +1 first = 192.192.1.1
3 net/1 host 192.192.1.255 -1 last = 192.192.1.254

5.) 126.5.4.3

A 126.5.0.0 +1 first = 126.5.0.1
1 net/2 host 126.5.255.255 -1 last = 126.5.255.254