

## Other type of IP addresses

Unicast : One to one communication

↳ Public IP : Routable IP addresses assigned by an ISP

↳ Private IP : Non-Routable

↳ APIPA : Automatic Private IP Address self assigned by a host when DHCP is not available

IP address range : 169.254.0.0 - 169.254.255.255

Multicast : One to many

IP range : 224.0.0.0 - 239.255.255.255

Broadcast : (Layer 3) One to everyone

IP range : 192.168.30.255/24

Loopback (localhost) : Used for a host to communicate with itself

IP range : 127.0.0.0 - 127.255.255.255

class C

192.168.30.0 NID Network ID

192.168.30.1 to 254 Assignable IP (AIP)

192.168.30.255 Broadcast IP (BIP)

192.30.6.4 / 16

class B

NID = 192.30.0.0

BIP = 192.30.255.255

## Loopback IP