192.168.5.0/24

128	64	32	16	8	4	2	1
/25	/26	/27	/28	/29	/30	/31	/32
128	192	224	240	248	252	254	255

LAN 2 : 64 host — 192.168.5.0 /25 — 192.168.5.128 NN

N. ID : 192.168.5.0
CIDR : /25
Subnet : 255.255.255.128

First usable Ad. : 192.168.5.1
Last " " : 192.168.5.126
Broadcast " : 192.168.5.127

LAN 1 : 45 host — 192.168.5.128 /26 — 192.168.5.192 NN

N. ID : 192.168.5.128
CIDR : /26
Subnet : 255.255.255.192

First usable Ad. : 192.168.5.129
Last " " : 192.168.5.190
Broadcast " : 192.168.5.191

LAN 3 : 14 host — 192.168.5.192 /28 — 192.168.5.208 NN

N. ID : 192.168.5.192
CIDR : /28
Subnet : 255.255.255.240

First usable Ad. : 192.168.5.193
Last " " : 192.168.5.206
Broadcast " : 192.168.5.207

LAN 4 : 9 host — 192.168.5.208/28 — 192.168.5.224 NN

N. ID : 192.168.5.208
CIDR : /28
Subnet : 255.255.255.240

First usable Ad. : 192.168.5.209
Last " " : 192.168.5.222
Broadcast " : 192.168.5.223

Point-to-Point Connection : 2 host — 192.168.5.224 /30 — 192.168.5.228 NN

N. ID : 192.168.5.224
CIDR : /30
Subnet : 255.255.255.252

First usable Ad. : 192.168.5.225
Last " " : 192.168.5.226
Broadcast " : 192.168.5.227

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* do sh ip int <interface-id> → primarily L3 info

- we see broadcast ad. of 255.255.255.255 this add. basically functions as the subnet broadcast Add. & it can be used for any network. If a host sends broadcast to 255.255.255.255 it won't be sent to all networks, it will still stay in the local subnet & Router will not route it to other networks.
- The subnet broadcast Add. however, can be used by hosts in other subnets to send a broadcast to this subnet.