	How many	Assigning Address range
Barry's Residence -	492 -	512
Star labs	- 509 -	512
The Daily planet	- 760 -	1024
Wayne mansion	- 940 -	1024
Amazon	- 3940 -	4096
Atlatis	- .7082 -	8192

network address : **108.01.72.11 / 18**

Creating addresses

108.1.00000000.00000000 /19   108.1.0.0 /19

108.1.0010 0000.0000 /20   108.1.32.0 /20

108.1.00100 00.00000000 /22   108.1.48.0 /22

108.1.00101 00.00000000/ 22   108.1.52.0 /22

108.1.00110000 .00000000 /23   108.1.56.0 /23

108.1.00111010.00000000/23   108.1.58.0 /23

Assigning network addresses

(6) Barry's Residence - 492 - 512 ⟶ 108.1.58.0 /23

(5) Star labs - 509 - 512 ⟶ 108.1.56.0 /23

(4) The Daily planet - 760 - 1024 ⟶ 108.1.52.0 /22

(3) Wayne mansion - 940 - 1024 ⟶ 108.1.48.0 /22

(2) Amazon - 3940 - 4096 ⟶ 108.1.32.0 /20

(1) Atlatis - .7082 - 8192 ⟶ 108.1.0.0 /19

109.1.72.18/18
16382

① 108.1.32.0/19   108.1.0.0/19
8190   8190

② 108.1.32.0/20   108.1.48.0/20   4094

4094

③ 108.1.48.0/22 108.1.52.0/22   108.1.56.0/22   108.1.60.0/22
   1022   ④ 1022   1022   1022

⑤ 108.1.56.0/23   108.1.58.0/23
   510   ⑥   510
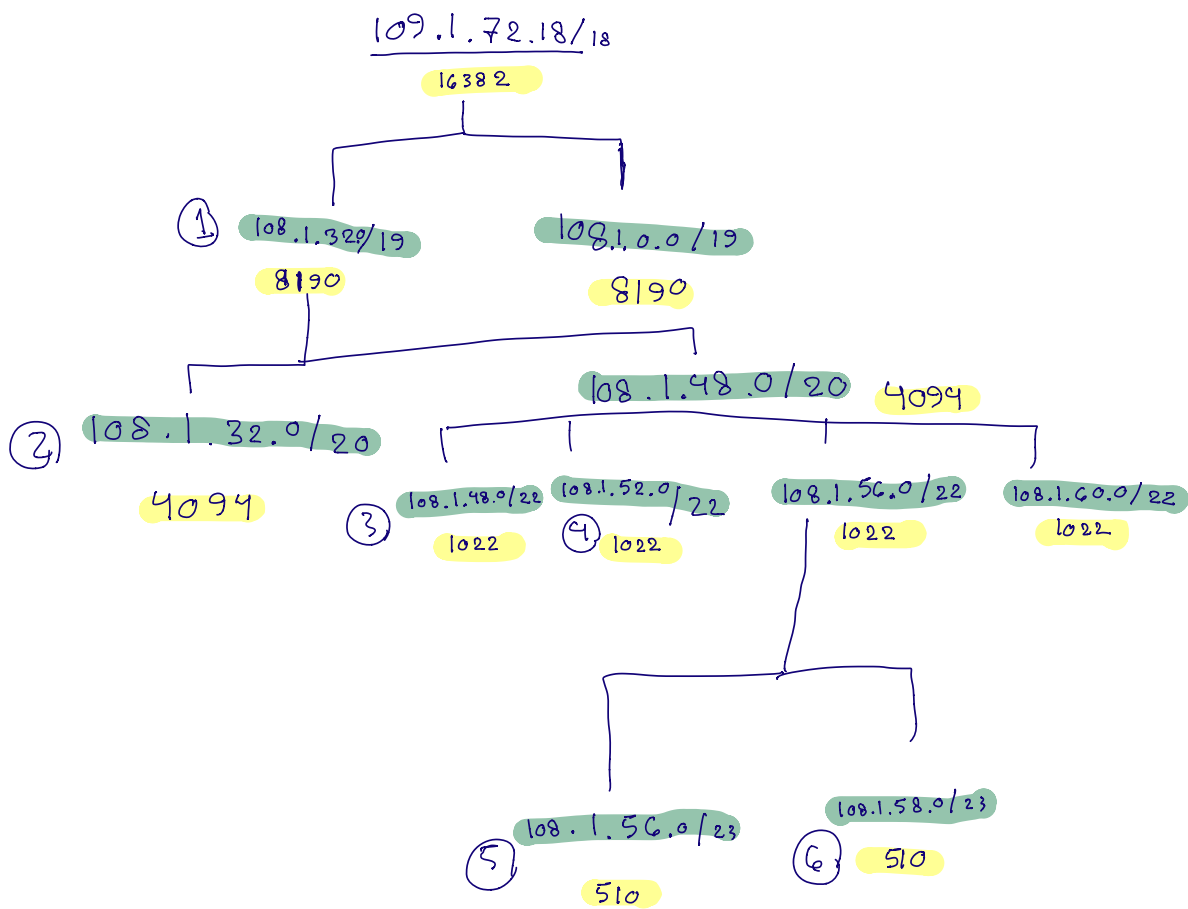
🟢 → Network address
🟡 → Available IP addresses