Base address: 168.12.0.0/16

X=500 (9 bits host)

Y=400 (9 bits host)

Z=300 (9 bits host)

x:

Network address: 168.12.0.0/23

Subnet mask: 255.255.254.0

FH: 168.12.0.1

LH: 168.12.1.254

Broadcast: 168.12.1.255

y:

Network address: 168.12.2.0/23

Subnet mask: 255.255.254.0

FH: 168.12.2.1

LH: 168.12.3.254

Broadcast: 168.12.3.255

y:

Network address: 168.12.4.0/23

Subnet mask: 255.255.254.0

FH: 168.12.4.1

LH: 168.12.5.254

Broadcast: 168.12.5.255