Claro C -> 195.23.11.0 Divide it into 5, submits

Solⁿ > Subnets divided, with power of 2

Power of 2, nearest to 5 = 2³ = 8

Value of 2ⁿ, n = 3, will be howowed from Host - 10

Last Byte > 000 | [0000] -> No. of hosts in each

For Subnets

No. of hosts in each submet = $2^5 = 32$ Subnet - Mask = 255.255.255.224as 3 bits borrowed from host - 10.

Submets: 195.23.11.0 - 195.23.11.31 195.23.11.32 - 195.23.11.63 195.23.11.44 - 195.23.11.95 195.23.11.96 - 195.23.11.127 195.23.11.128 - 195.23.11.159

Divide it into 25, subnets.

Sol^m > subnets divided, with power of 2

Power of 2, nearest & greatest than 25, = 2⁵ = 32

Value of 2^m, n = 5, 5 bits borrowed from host - 1D.

So > last 2 bytes 00000/000 000000000

V No. of
Subnet - 1D Hosts in every
Subnet.

No. of host = 21 = 2048.

Clavo B → 156.55.0.0

Subnet - Mark = 255.255.248.0, as 5 - luts horrowed from Host-ID.

Submots: 156.55.0.0 — 156.55.7.255
156.55.8.0 — 156.55.15.255
156.55.24.0 — 156.55.31.255
156.55.32.0 — 156.55.39.255
156.55.40.0 — 156.55.47.255

i so on. # Clano A -: 65.0·0·0

Divide it into 42 subnets

Sol^M.) Submits divided, with power of 2. Power of 2, meanest and greatest than $42 = 2^6 = 64$.

Value of 2^m, n=6, six lits borrowed from Host-1D.

So, Last 3 lytes.

 $\frac{1}{\sqrt{1}}$ Sulmet-1) No. of hoots in every sulmet.

No of hoot = 2¹⁸ = 262,144. New Subnet - \$\Back \tag{255.252.0.0}

Subnets: Develop them.