VLSM CALCULATION

1. **VLSM Calculation :**

Name	Host Requirements	Host bit	Network Address	Subnet Mask	First Host	Last Host	Broadcast Address	Wildcard Mask
CSE	500	9	152.122.0.0/23	255.255.254.0	152.122.0.1	152.122.1.254	152.122.1.255	0.0.1.255
CE	300	9	152.122.2.0/23	255.255.254.0	152.122.2.1	152.122.3.254	152.122.3.255	0.0.1.255
4 web servers	4	3	152.122.4.0/29	255.255.255.248	152.122.4.1	152.122.4.6	152.122.4.7	0.0.0.7
R0-R1	2	2	122.122.122.0/30	255.255.255.252	122.122.122.1	122.122.122.2	122.122.122.3	0.0.0.3
R1-R2	2	2	122.122.122.4/30	255.255.255.252	122.122.122.5	122.122.122.6	122.122.122.7	0.0.0.3
R1-R3	2	2	122.122.122.8/30	255.255.255.252	122.122.122.9	122.122.122.10	122.122.122.11	0.0.0.3
R2-R3	2	2	122.122.122.12/30	255.255.255.252	122.122.122.13	122.122.122.14	122.122.122.15	0.0.0.3
R3-R4	2	2	122.122.122.16/30	255.255.255.252	122.122.122.17	122.122.122.18	122.122.122.19	0.0.0.3
R3-R5	2	2	122.122.122.20/30	255.255.255.252	122.122.122.21	122.122.122.22	122.122.122.23	0.0.0.3
R4-R7	2	2	122.122.122.24/30	255.255.255.252	122.122.122.25	122.122.122.26	122.122.122.27	0.0.0.3
R5-R7	2	2	122.122.122.28/30	255.255.255.252	122.122.122.29	122.122.122.30	122.122.122.31	0.0.0.3