VLSM Address table

Network Address: 192.120.0.0/20

Department	Host	1022 510	
BBA	550		
CSE	500		
EEE	400	510	
	120	126	
MN5 Architecture	50	62	
Admin	20	30	
CSE to Admin	2	2	
BBA to Admin	2	2	
MNS to Admin	2	2	
EEE to Admin	2	2	
Architecture to Admin	2	2	
CSE to MNS	2	2	

192. 120.0.0 /20

FOR BBA,

Network Address = 192. 120.0.0/20

Broad cast Add russ = 192. 120. 3. 255/22

First Host = 192.120.0.1/22

Last Host = 192. 120. 3. 254/22

For CSE,

Networks Address = 192. 120. 4.0/23

Broad cast Address = 192.120. 5.255/23

Findt Host = 192.120.4.1/23

Last Host = 192. 120.5.254/23

Fon EEE,

NATIONS Address = 192.120.6.0/23

Broad cast Address = 192.120.7.255/23

First host = 192. 120.6.1/23

Last host = 192.120. 7.254/23

FOR MNG.

Network Address= 192.120.8.0/25 Board cost Address = 192. 120. 8.127/25 Finst Host = 192.120.8.1/25 Last Host = 192, 120. 8. 126/25

For Anchitecture,

Network Address = 192. 120. 8.128/26 Board cost Address = 192,120.8. 191/26 First Host = 192. 120. 8.129/26 Last Host = 192. 120. 8. 190/26

Admin, For

Network Address = 192. 120.8.192/27 Bound cast Address = 192. 120. 8.233/27 First Host = 192.120.8.193/27 Last Host = 192. 120.8.222/27

CSE to Admin,

Network Address = 192.120.8.224/30 Boond cost Address = 192.120.8.227/30 Finst Host = 192.120.8.255/30 Last Host = 192.120. 8.226/30

BBA to Admin,

Network Address = 192. 120.8.228/30 Board cost Address = 192. 120.8.231/30 Finst Hot = 192.120. 8.229/30 Last Host = 192.120. 8.230/30

MNS to Admin,

Nitroonk Address = 192. 120. 8.232/30 Board (ast Add ness) = 192,120. 8.235/30 First Host = 192.120.8.233/30Lust Host = 192. 120. 8.234/30

EEE to Admin,

Network Address = 192.120.8.236/30Board Last Address = 192.120.8.239/30First Host = 192.120.8.237/30Last Host = 192.120.8.237/30

Architecture to Admin,

Network Address = 192.120.8.240/30Board cast Address = 192.120.8.243/30First Host = 192.120.8.241/30Last Host = 192.120.8.242/30

CSE to MNS,

Network Address = 192.120.8.244/30Boardcast Address = 192.120.8.247/30First Host = 192.120.8.245/30Last Host = 192.120.8.246/30

For Switch,

IP Addressing Table

Device	Intenfoce	IP Address	Subnet Mask	Delau It Gakway
Central Administra- tive Building	Fa010	192.120.8.193	255.255.255.254	N/A
	Fa 0/1	172.8.0.6	255.255.255.248	N/A
	S110	192. 120. 8.20225	255. 255. 255.252	N/A
	S1/1	192. 120.8 . 241	255.255.255.252	N/A
	51/2	192. 120.8.233	255. 255. 255. 252	N/A
	5 43	192. 120. 8.229	255-255-255.252	N/A
	51/4	192.120.8.237	255.255.255.252	N/A
BBA	Fa 0/0	192.120.0.1	255.255.255.0	N/A
	Fa/0/1	172.8.0.1	255.255.255.248	N/A
	501010	192.120.8.230	255 · 255 · 255 · 252	N/A
MN5	Fa 010	192.120.8.1	255 · 255 · 255 · 128	N/A
	Fa 0/1	172.8.0.2	255.255.255.248	N/A
	501010	192.120.8.246	255.255.252	N/A
	50/1/0	192. 120. 8.234	255 . 255 . 255 . 252	N/A
EEE	Fa 010	192.120.6.1	255.155.254.0	N/A
	Fa 011	172.8.0.3	255.255.255.248	N/A
	50/010	192.120.8.237	255 · 255 · 255 · 252	N/A
C5E	Fa 010	192. 120.4.1	255.255. 254.0	N/A
	Fa 0/1	172.8.0.4	155.255.255.248	N/A
	501010	192. 120.8. 245	255.255.255.252	N/A
	501011	0.0.0.0	0.0.0.0	N/A
	50110	192. 120. 8. 226	265.255.255.252	NA

Davice	intenfoce	IP Addross	Subnet Musk	Default Gratway
	-	192. 120.8. 129	255.265.255.192	N/A
Arrchitecture	Fa 0/0		255.255.255.248	N/A
	Fo 0/1	172.8.0.5		N/A
	501010	192.120. 8.242	255. 255. 255.252	
PCo	FaO	192.120. 8.130	255.255.255.192	192.120.8.129
PC 1	FaO	192.120.8.131	255.255.255.192	192.120.8.129
PC2	FaO	192. 120.4.2	255 - 255 - 255 - 254 255 - 255 - 254 - 0	192. 120.4.1
PC3	Fao	192. 140.4.3	255.255.254.0	192.120.4.4
PC4	FaO	192. 120.6.2	255.255.254.0	192. 120-6-1
PC5	Fao	192. 120.6.3	255.255.254.0	192.120.6.1
PC:	Fao	192. 120.8.2	255.255.255.128	192.120.8.1
PC.	FaO	192.120 . 8.3	255.255.255.128	192-120.8.1
PCB	Fao	192.120.0.2	255.255.252.0	192.120.0.1
P(g	FaO	192. 120.0.3	255 · 255 · 252 · 0	192. 120. 0.1
PC 10	FAO	4 92 . 1 20 . 8 . 194	255 · 255 · 255 · 224	192.120.8.193
PC 11	FAO	192. 120.8.195	255, 255, 255, 224	192.120. 8.193

