

Subnet Work:

Network= 172.19.67.0/24

PT-11.10.1

#	Subnet Address	1st Host	Last Host	Broadcast	Pre-Fix	Hosts Needed	Final Subnet
1	172.19.67.0	172.19.67.1	172.19.67.30	172.19.67.31	/27	19	172.19.67.0/27
2	172.19.67.32	172.19.67.33	172.19.67.62	172.19.67.63	/27	23	172.19.67.32/27
3	172.19.67.64	172.19.67.65	172.19.67.78	172.19.67.79	/28	11	172.19.67.64/28
4	172.19.67.80	172.19.67.81	172.19.67.94	172.19.67.95	/28	7	172.19.67.80/28
5	172.19.67.96	172.19.67.97	172.19.67.98	172.19.67.99	/30	2	172.19.67.96/30
	172.19.67.100						

Device	Interface	IP Address	Subnet Mask	Default Gateway
Police	G0/0	172.19.67.1	255.255.255.224	N/A
	G0/1	172.19.67.33	255.255.255.224	N/A
	S0/0/0	172.19.67.97	255.255.255.252	N/A
Schools	G0/0	172.19.67.65	255.255.255.240	N/A
	G0/1	172.19.67.81	255.255.255.240	N/A
	S0/0/0	172.19.67.98	255.255.255.252	N/A
PD-1	VLAN 1	172.19.67.2	255.255.255.224	172.19.67.1
PD-2	VLAN 1	172.19.67.34	255.255.255.224	172.19.67.33
PS-101	VLAN 1	172.19.67.66	255.255.255.240	172.19.67.65
PS-115	VLAN 1	172.19.67.82	255.255.255.240	172.19.67.81
PD-1-11	NIC	172.19.67.30	255.255.255.224	172.19.67.1
PD-2-23	NIC	172.19.67.62	255.255.255.224	172.19.67.33
PS-101-87	NIC	172.19.67.78	255.255.255.240	172.19.67.65
PS-115-12	NIC	172.19.67.94	255.255.255.240	172.19.67.81