Ali Nazari - 9631075

	AS Number	Location	Department	Capacity
IP Block: 129.99.0.0/16 **Net Mask:** 255.255.0.0 **2nd Byte:** 11111111 **NetID LSB value:** 1 **IP-Range:** 129.99.0.1 129.99.255.254	**AS1** 2270 users ~ 3X 129.99.0.0/19 – 255.255.224.0 (11100000) -> LSB = 32 129.99.0.1 – 129.99.95.254	Chicago Campus Building 1 490 users ~ 1X 129.99.0.0/20 – 255.255.240.0 (11110000) -> LSB = 16 129.99.0.1 – 129.99.15.254	**Legal** **120 users ~ 1X** **129.99.0.0/22 – 255.255.252.0** **(11111100) -> LSB = 4** **129.99.0.1 – 129.99.3.254**	1024
			Accounting **370 users ~ 2X** **129.99.4.0/22 – 255.255.252.0** **(11111100) -> LSB = 4** **129.99.4.1 – 129.99.11.254**	2048
		Chicago Campus Building 2 1780 users ~ 1X 129.99.16.0/20 – 255.255.240.0 (11111000) -> LSB = 16 129.99.16.1 – 129.99.31.254	**HQ** **1580 users ~ 2X** **129.99.8.0/22 – 255.255.252.0** **(11111100) -> LSB = 4** **129.99.8.1 – 129.99.15.254**	2048
			Engineering **200 users ~ 1X** **129.99.16.0/22 – 255.255.252.0** **(11111100) -> LSB = 4** **129.99.16.1 – 129.99.19.254**	1024
	AS2 185 users ~ 1X 129.99.96.0/19 – 255.255.224.0 (11100000) -> LSB = 32 129.99.96.1 – 129.99.127.254	Toronto 75 users ~ 1X 129.99.96.0/20 – 255.255.240.0 (11110000) -> LSB = 16 129.99.96.1 – 129.99.111.254	**Sales** **75 users ~ 1X** **129.99.96.0/21 – 255.255.248.0** **(11111000) -> LSB = 8** **129.99.96.1 – 129.99.103.254**	2048
		Boston 110 users ~ 1X 129.99.112.0/20 – 255.255.240.0 (11110000) -> LSB = 16 129.99.112.1 – 129.99.127.254	**Sales** **110 users ~ 1X** **129.99.112.0/21 – 255.255.248.0** **(11111000) -> LSB = 8** **129.99.112.1 – 129.99.119.254**	2048
	AS3 3700 users ~ 4X 129.99.128.0/19 – 255.255.224.0 (11100000) -> LSB = 32 129.99.128.1 – 129.99.255.254	Philadelphia 3700 users 129.99.128.0/19 – 255.255.224.0 (11100000) -> LSB = 32 129.99.128.1 – 129.99.255.254	**Operations1** **2150 users ~ 2X** **129.99.128.0/21 – 255.255.248.0** **(11111000) -> LSB = 8** **129.99.128.1 – 129.99.143.254**	4096
			Operations2 **975 users ~ 1X** **129.99.144.0/21 – 255.255.248.0** **(11111000) -> LSB = 8** **129.99.144.1 – 129.99.151.254**	2048
			Sales **575 users ~ 1X** **129.99.152.0/21 – 255.255.248.0** **(11111000) -> LSB = 8** **129.99.152.1 – 129.99.159.254**	2048