BMA IP Addressing Scheme				
DHCP SCOPES:				
VLAN 10: WIRELESS (510 Hosts)				
Subnet Mask	Network	Max Hosts	Usable Address Range	Broadcast
255.255.254.0 (Students)	192.168.10.0	510	192.168.10.1	192.168.11.255
			~	
			~	
			~	
			192.168.11.254	
VLAN 5: WIRELESS (254 Hosts)				
Subnet Mask	Network	Max Hosts	Usable Address Range	Broadcast
255.255.255.0 (Employees)	192.168.5.0	254	192.168.5.1	192.168.5.255
			~	
			~	
			~	
			192.168.5.254	
VLAN 20: WIRELESS (510 Hosts)				
Subnet Mask	Network	Max Hosts	Usable Address Range	Broadcast
255.255.254.0 (Guests)	192.168.20.0	510	192.168.21.1	192.168.21.255
			~	
			~	
			~	
			192.168.21.254	
VLAN 30: LAN (254 Hosts)				
Subnet Mask	Network	Max Hosts	Usable Address Range	Broadcast
255.255.255.0 (Employees, Printers	192.168.30.0	254	192.168.30.1	192.168.31.255
			~	
			~	
			~	
			192.168.31.254	
VLAN 60: VOIP (254 Hosts)				
Subnet Mask	Network	Max Hosts	Usable Address Range	Broadcast
255.255.255.0	192.168.60.0	254	192.168.60.1	192.168.60.255
			~	
			~	
			~	
			192.168.60.254	
VLAN 40: MANAGEMENT (254 Hosts)				
Subnet Mask	Network	Max Hosts	Usable Address Range	Broadcast
255.255.255.0	192.168.40.0	254	192.168.40.1	192.168.40.255
			~	
			~	
			~	
			192.168.40.254	

			VLAN 50: SERVER (30 Hosts)	
Subnet Mask	Network	Max Hosts	Usable Address Range	Broadcast
255.255.255.224	10.0.0.0	30	10.0.0.1	10.0.0.31
			~	
			~	
			~	
			10.0.0.30	
			VLAN 70: CCTV (254 Hosts)	
Subnet Mask	Network	Max Hosts	Usable Address Range	Broadcast
255.255.255.0	192.168.70.0	254	192.168.70.1	192.168.70.255
			~	
			~	
			~	
			192.168.70.254	