(WAN - DHCP)

VPN Tunnel

Internet

GreenSpark pfSense FIREWALL (LAN 192.168.1.1)

GlobeX pfSense FIREWALL

Operations

Project Management

Consulting

Product: VLAN_01
Subnet Address: 192.168.1.0/25
Default Gateway: 192.168.1.0
Subnet Mask: 255.255.255.128
DHCP Range: 192.168.1.1 – 126

LAN Switch Network Address 192.168.1.0/24

SHARED LASER PRINTER Static IP: 192.168.1.195

GlobeX Network Infrastructure

Sales: VLAN_02
Subnet Address: 192.168.1.128/26
Default Gateway: 192.168.1.128
Subnet Mask: 255.255.255.192
DHCP Range: 192.168.1.129 – 190

Sales

Marketing

DOMAIN CONTROLLER greenspark.com

WINDOWS SERVER 2019 Static IP: 192.168.1.193

Switch: VLAN_03
Subnet Address: 192.168.1.192/26
Default Gateway: 192.168.1.192
Subnet Mask: 255.255.255.192
Reserved Static IPs: 192.168.1.193 - 199
DHCP Range: 192.168.1.200 – 254

NETWORK ATTACHED STORAGE Static IP: 192.168.1.194

Device or Subnet	IP Address / CIDR / MAC	Subnet Mask	Default Gateway	DHCP Range
pfSense Firewall	**LAN:** 192.168.1.1 **WAN:** DHCP	255.255.255.0	WAN - DHCP	N/A
LAN Switch	**MAC:** 23:6A:B7:4C:3A:1B	N/A	N/A	N/A
VLAN_01	192.168.1.0/25	255.255.255.128	192.168.1.0	192.168.1.1 - 192.168.1.126
VLAN_02	192.168.1.128/26	255.255.255.192	192.168.1.128	192.168.1.129 - 192.168.1.190
VLAN_03	192.168.1.192/26	255.255.255.192	192.168.1.192	192.168.1.193 - 192.168.1.254
Domain Controller Windows Server 2019	**STATIC:** 192.168.1.193	255.255.255.192	192.168.1.192	N/A
Network Attached Storage	**STATIC:** 192.168.1.194	255.255.255.192	192.168.1.192	N/A
Laser Printer	**STATIC:** 192.168.1.195	255.255.255.192	192.168.1.192	N/A