VLANs are port based.

Ports 1 - 10 == Racks 1 - 10, Private LAN, One per rack.

Ports 11 - 20 == Racks 1 – 10, Public LAN, One per rack.

Ports 21 - 24 == Reserved

Public LAN (all on VLAN 60):

All static configured, no DHCP. 2 IPs per rack be default.

128.138.232.64/27 (/27 = 255.255.255.224)

Gateway = 128.138.232.65

DNS: See “Network Infrastructure” diagram

Don’t use the “Extra” unless you need more than 2 public IPs.

|  |  |
| --- | --- |
| **Static Assigned** | **Extra static (Write in rack and your name)** |
| Rack 1 128.138.232.68,69 | 128.138.232.88 🡺 Rack #\_\_\_\_; Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Rack 2 128.138.232.70,71 | 128.138.232.89 🡺 Rack #\_\_\_\_; Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Rack 3 128.138.232.72,73 | 128.138.232.90 🡺 Rack #\_\_\_\_; Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Rack 4 128.138.232.74,75 | 128.138.232.91 🡺 Rack #\_\_\_\_; Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Rack 5 128.138.232.76,77 | 128.138.232.92 🡺 Rack #\_\_\_\_; Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Rack 6 128.138.232.78,79 | 128.138.232.93 🡺 Rack #\_\_\_\_; Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Rack 7 128.138.232.80,81 | 128.138.232.94 🡺 Rack #\_\_\_\_; Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Rack 8 128.138.232.82,83 | N/A |
| Rack 9 128.138.232.84,85 | N/A |
| Rack 10 128.138.232.86,87 | N/A |

128.138.232.66-67 == Reserved for OIT

Misc Notes:

Private LAN IPs have NAT provided by OIT to access the public Internet.

You may contact OIT to get firewall rules applied to the private LAN subnet for your rack.

Created by Rodney Beede