

SSID: StellarWind
192.168.250.0/28
WPA2(ENT)

SSID: ThinThread
192.168.249.0/26
WPA2(ENT)

SSID: MagicLantern
192.168.247.0/28
WPA2(PSK)

VLAN40

Wireless - 192.168.247.0/28

HL-WS-AN
192.168.247.2

HL-WS-BN
192.168.247.3

VLAN20 - Workstations
10.128.20.0/28

HL-WS-MN.lab.io
10.128.20.10

VLAN30 - Out of Band Management
10.128.30.0/30

HL-WS-FR.IPMI
10.128.30.2

FortiAP 221C

FortiSwitch 108E

VPN
IPSEC

VPN
SSL-VPN

Ubiquiti Edge Router
192.168.254.2

FortiGate 60E
192.168.254.1

Residential Lab Topology

The Internet

External Wireless
192.168.255.0/26

NetGear C7000
192.168.255.62

HP Elite Desk
192.168.255.2
Role: ESXi Development / Security Lab

VM

HL-LX-KI
192.168.255.13
Role: Kali

VM

HL-WS-DE
192.168.255.4
Role: DC

VM

HL-LX-RX
192.168.255.7
Role: Remnux

VM

HL-LX-TT
192.168.255.22
Role: Honeypot

VM

HL-LX-VS
192.168.255.42
Role: OpenVAS

VM

HL-WS-FM
192.168.255.8
Role: FlareVM

VLAN10 - Servers - 10.128.10.0/26

Super Micro X9SCL
HL-WS-FR
10.128.10.3

HL-LX-R1.lab.io
10.128.10.11
Role: Mail Server

HL-LX-R2.lab.io
10.128.10.12
Role: DNS

HL-LX-R3.lab.io
10.128.10.13
Role: NMS

HL-LX-R4.lab.io
10.128.10.14
Role: Wiki

VM

HL-WS-DC
10.128.10.2
Role: AD-DC

VM

HL-WS-RC
10.128.10.20
Role: RODC

VM

HL-WS-SK
10.128.10.40
Role: SIEM

VM

HL-LX-NX
10.128.10.47
Role: IPAM

VM

HL-WS-NS
10.128.10.22
Role: DNS

VM

HL-WS-CA
10.128.10.28
Role: CA

VM

HL-LX-WH
10.128.10.48
Role: HIDS

VM

HL-LX-VR
10.128.10.15
Role: VCenter

VM

HL-WS-AS
10.128.10.24
Role: File Server

VM

HL-WS-PN
10.128.10.50
Role: PWS

VM

HL-LX-NS
10.128.10.42
Role: VMS

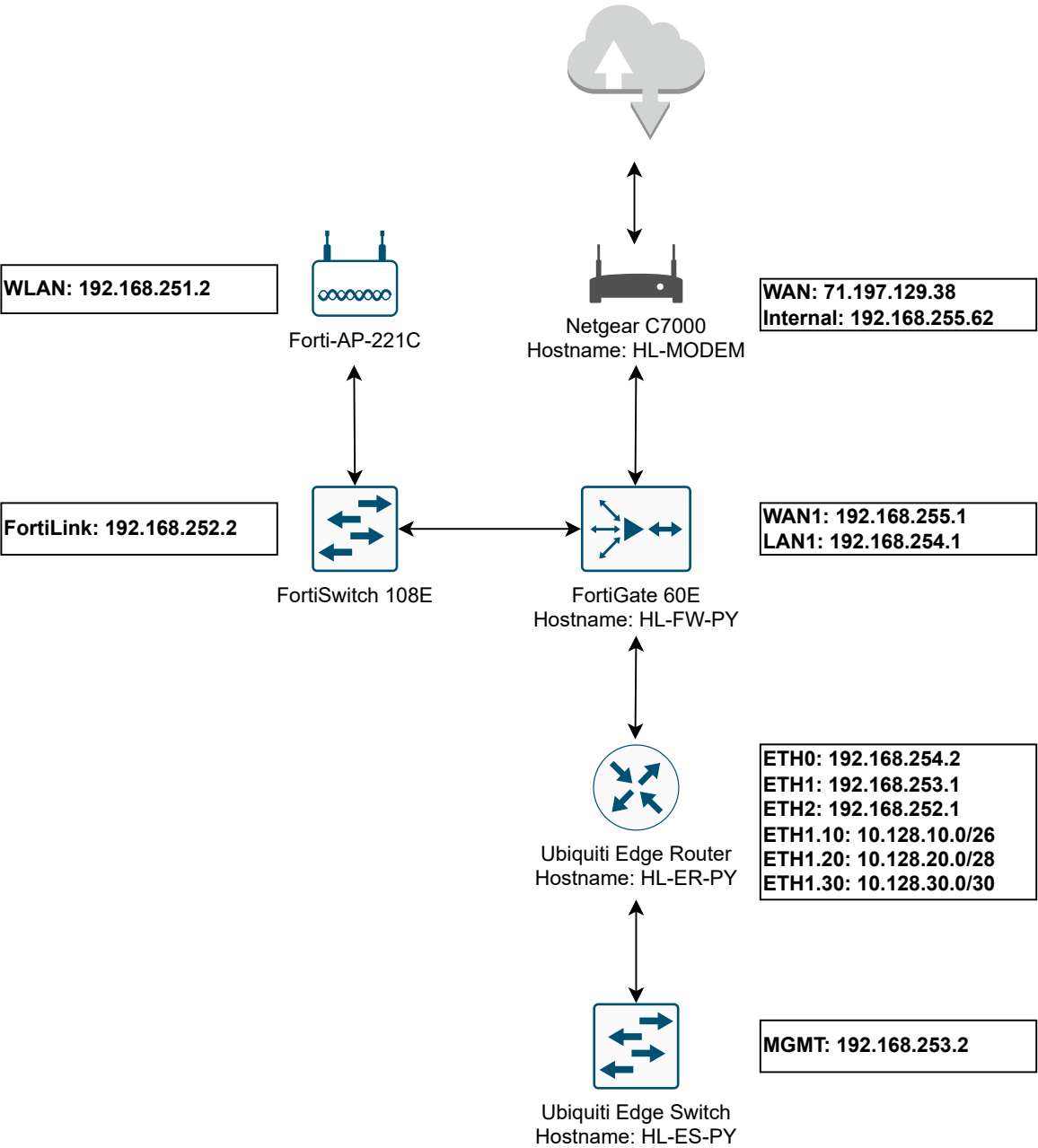
VM

HL-LX-GY
10.128.10.30
Role: Gateway

Dell T30
10.128.10.10
hypervisor.lab.io


Intel NUC
HL-LX-SN
10.128.10.60
Role: NIDS

Network Topology




Server Inventory


Linux Servers




HL-LX-R1
10.128.10.11
Role: Mail Server




HL-LX-R2
10.128.10.12
Role: DNS




HL-LX-R3
10.128.10.13
Role: NMS




HL-LX-R4
10.128.10.14
Role: Wiki




HL-LX-GY
10.128.10.30
Role: Gateway




HL-LX-NS
10.128.10.40
Role: Nessus




HL-LX-SK
10.128.10.42
Role: SIEM



HL-LX-WH
10.128.10.48
Role: HIDS



HL-LX-NX
10.128.10.47
Role: IPAM



Intel NUC
HL-LX-SN
10.128.10.60
Role: NIDS

Windows Servers



HL-WS-DC
10.128.10.2
Role: DC



HL-WS-NS
10.128.10.22
Role: DNS



HL-WS-AS
10.128.10.24
Role: FileServer

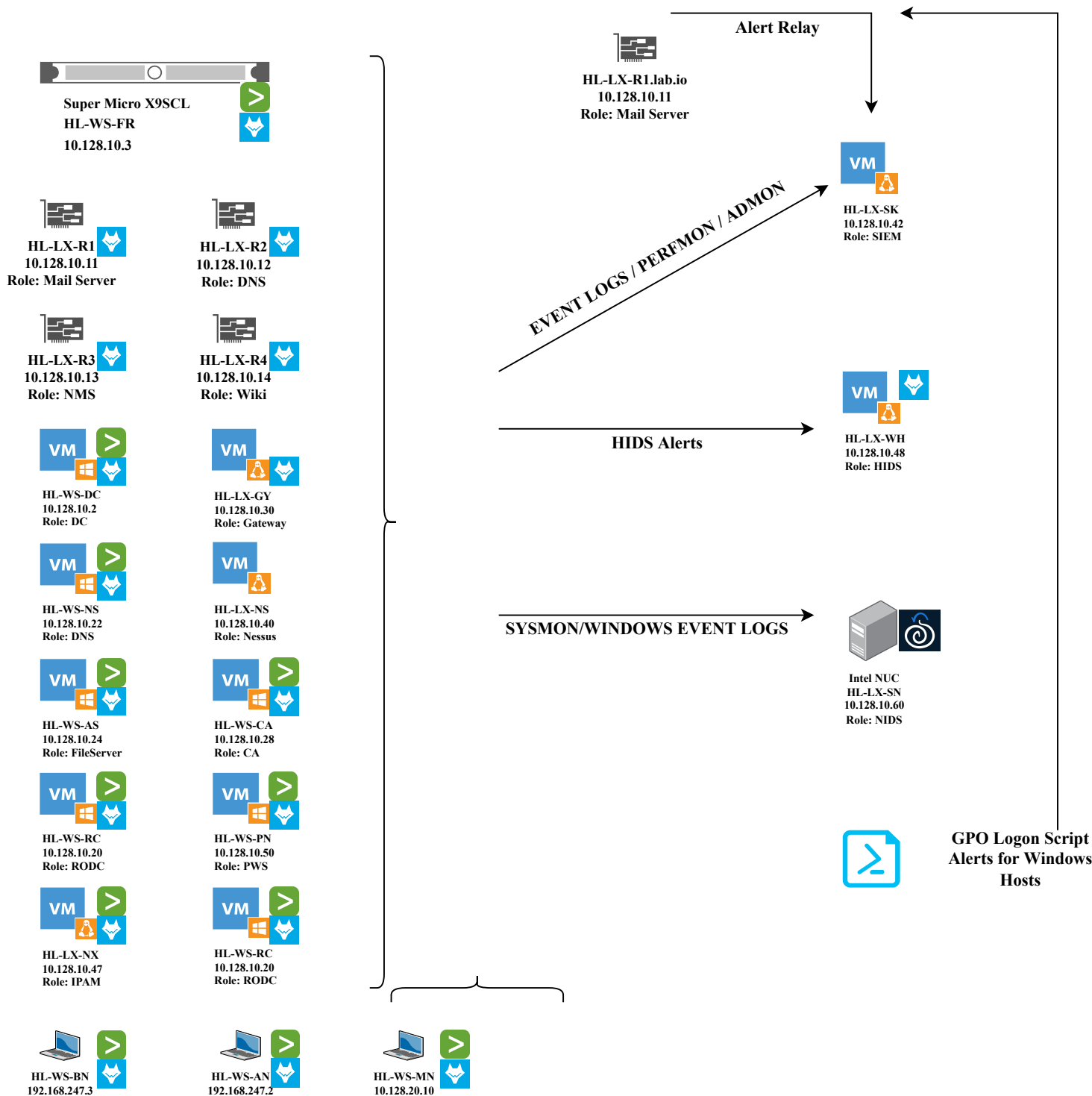


HL-WS-RC
10.128.10.20
Role: RODC

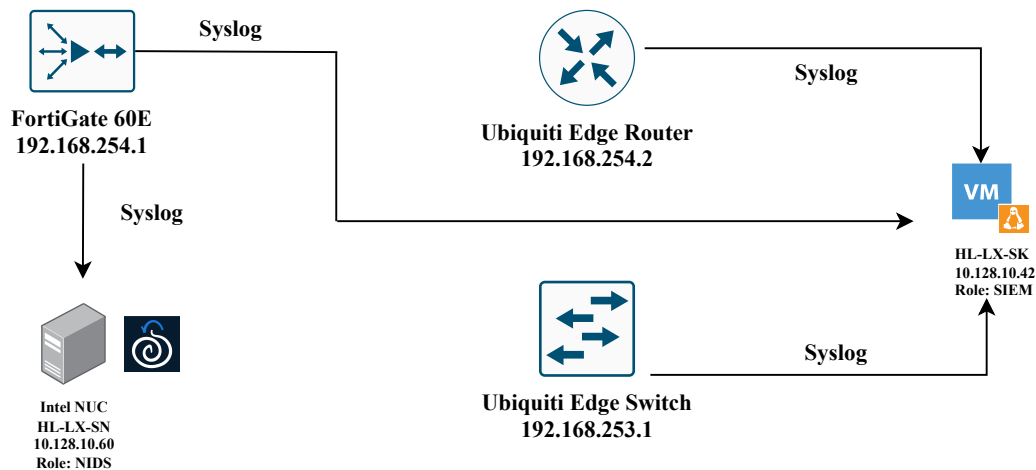


Super Micro X9SCL
HL-WS-FR
10.128.10.3

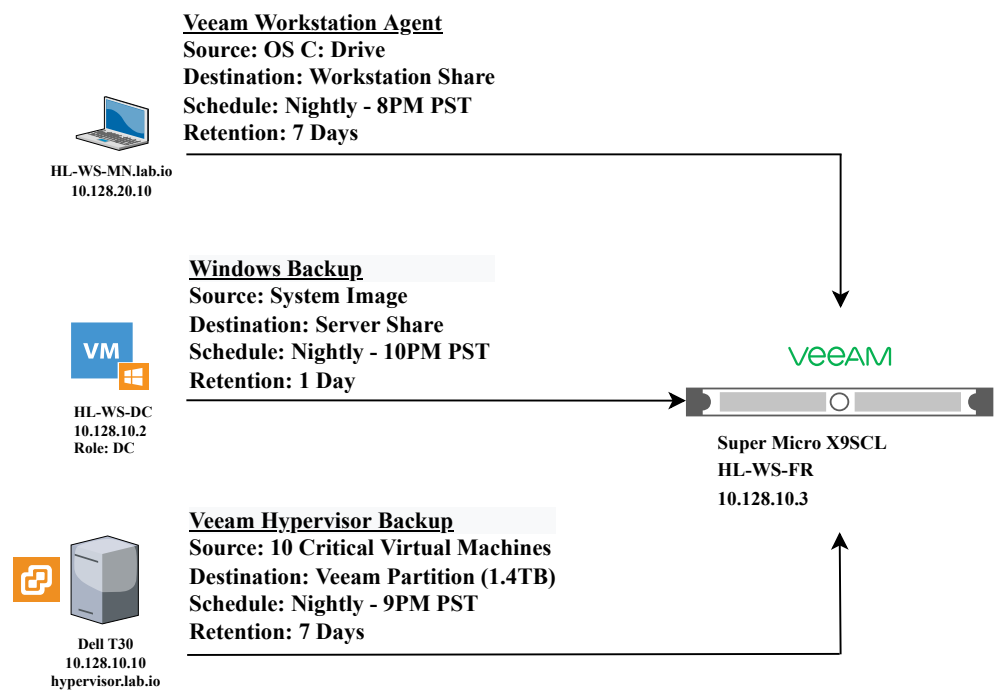
Endpoint and Server Monitoring and Alerting



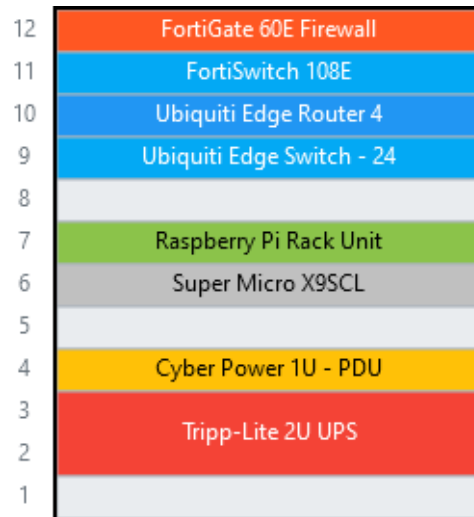
Network Monitoring and Alerting



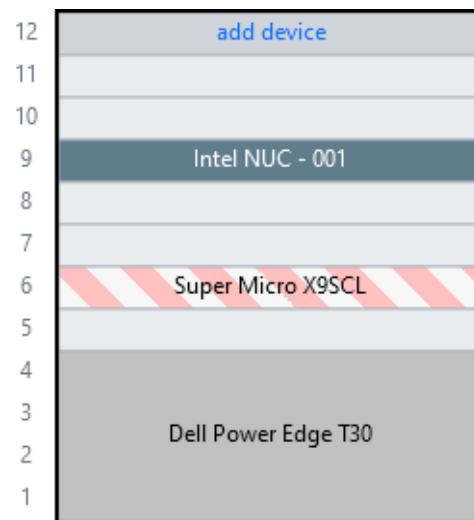
Backup Configuration Overview



Residential Lab Environment - Server Rack Layout



12U Tripp Lite Rack - Front



12U Tripp Lite Rack - Rear

