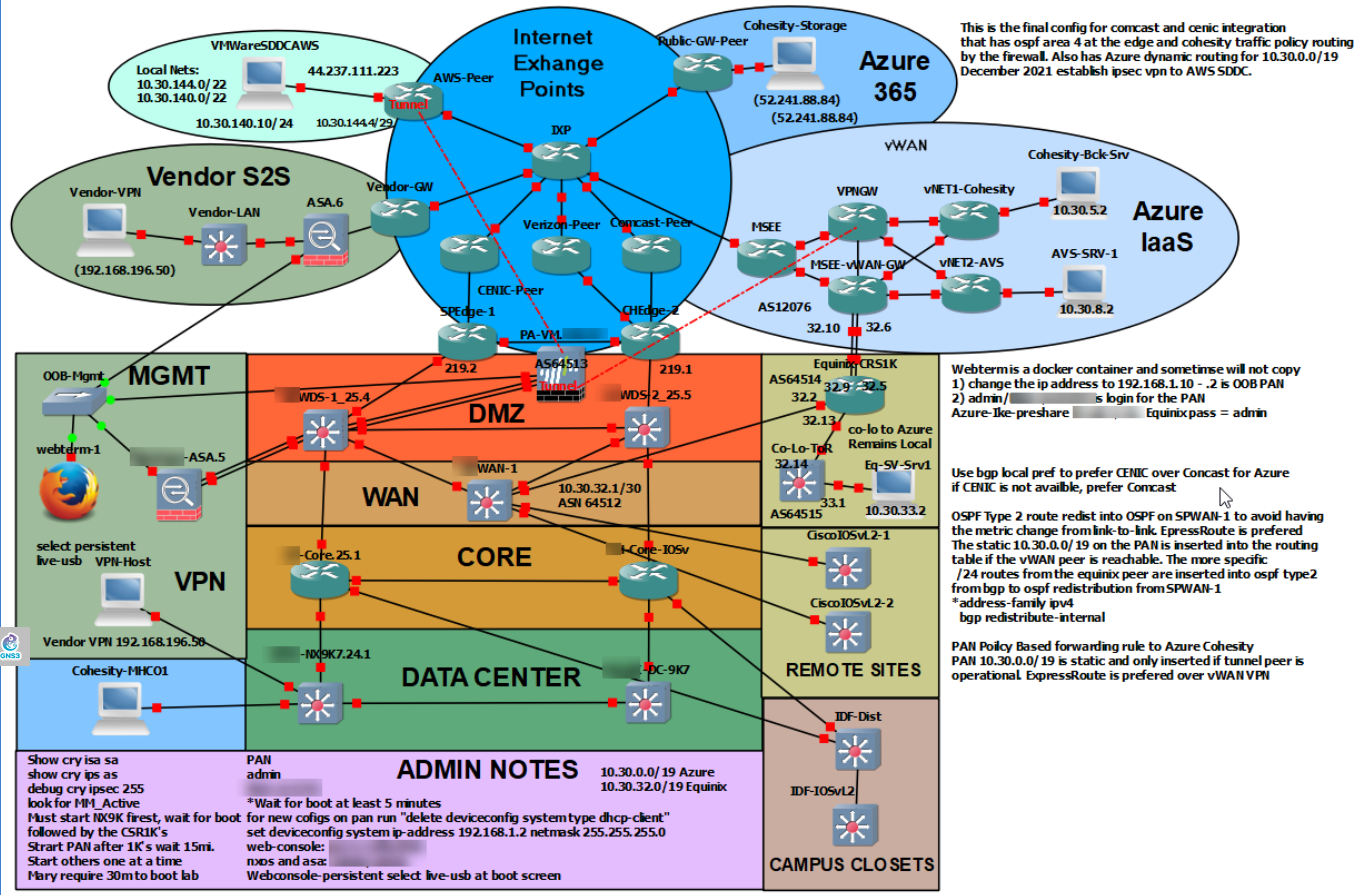


GNS3 Network Simulation Student Lab (Closed Loop)



- Cluster (Configured but Not Used) 2.2.1.1/24 7079.b3c5.087d (enp9s0)
- 5020-SW1 E1/27 VLAN2 172.31.253.56/24 7079.b3c5.087e (enp10s0) DNAC-LAB-Infra
- 172.16.28.9 78:0C:F0:67:95:2A DNAC-LAB-CIMC
- BB4-SW2 E105/1/7 VL50 172.23.1.55/24 780c.f067.9530 (enp1s0f0) DNAC-LAB-MGMT Admin/password:lookup
- BB4-SW1 E105/1/7 VL60 172.23.16.38.1GW 780c.f067.9531 (enp1s0f1) DNAC-LAB-Cloud

DNAC - APIC-EM Cisco Networking Lab (Updated February 2022)

```
root
Password:lookup
Appliance Mgmt:
https://nlabvc.testdomain.edu:5480
Administrator
Sso domain: nlab.local\Administrator
SSO site: nlab
nlabadmin@nlab.local
Password:lookup
```

**VLAN 50 – Net Lab Mgmt 172.23.1.0/24**  
**VLAN 60 – Net Lab DHCP Pool 172.23.16.0/20**  
**VLAN 1100 – vSAN/vMotion**

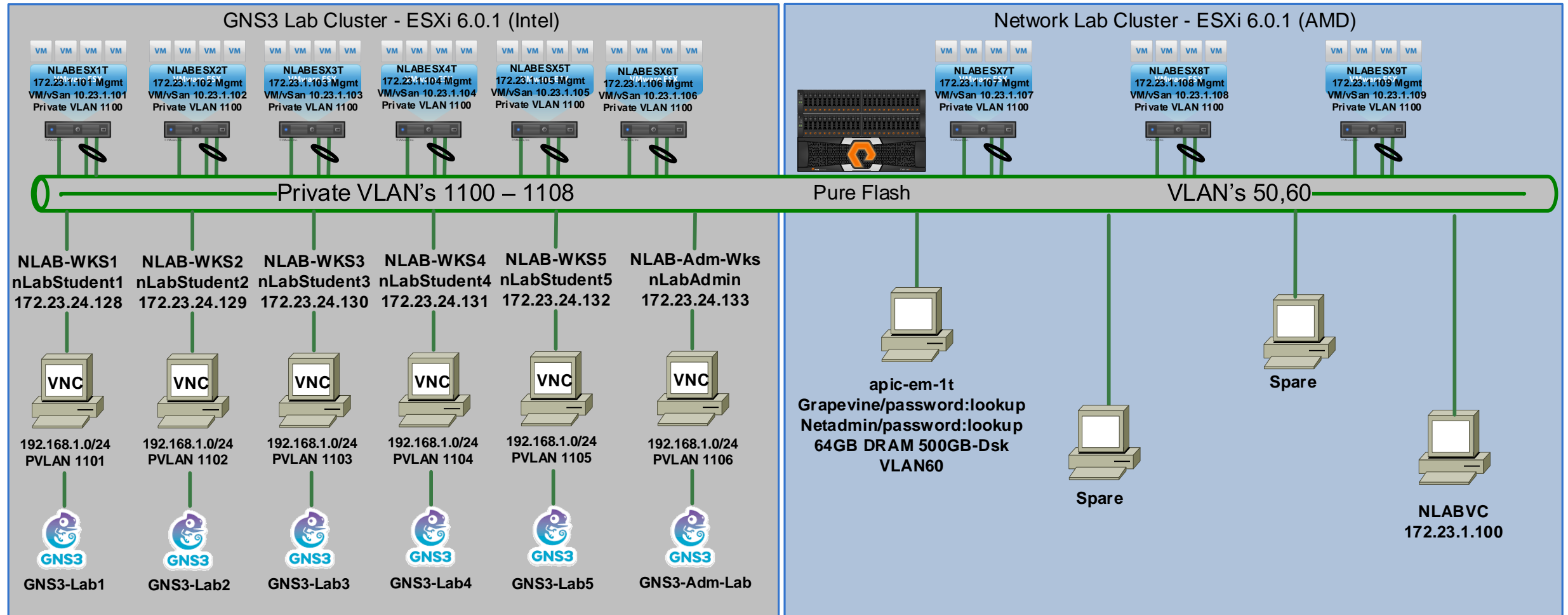
**\*Fix lost appliances after GNS3 upgrades by importing the gns3\2.2\gns3\_gui.ini (in preferences) from the prior GNS3 version**

```
interface Vlan50
description VDI/NLAB LAB-MGMT
ip address 172.23.1.1 255.255.255.0
ip helper-address 204.179.196.38
ip helper-address 204.179.193.6
ntp broadcast
DHCP Scope 172.23.1.150 to 199
!
interface Vlan60
description VDI Test Network
ip address 172.23.16.1 255.255.240.0
ip access-group NLAB-Closed-Loop in
ip helper-address 204.179.196.38
ip helper-address 204.179.193.6
! DHCP Scope 172.23.16.53 to 172.23.24.49
```

GNS3 Workstation Administrator, password:lookup  
 NLAB-Wks-Image Nlabadmin – VNC password:lookup  
 RDSH & User nLabUser1, password:lookup  
 RDSH & User nLabUser2, password:lookup  
 RDSH & User nLabUser3, password:lookup  
 RDSH & User nLabUser4, password:lookup

**\*See the template library for setup notes.**

Image conversion: qemu-img convert -f qcow2 -O vmdk whatever.qcow2 whatever.vmdk  
 \*change vnc password with "C:\Program Files\VDIMgmt\tvnservice.exe" -configservice"  
 \*To run a local cloud switch Add regkey to HKLM\System\CCS\Ctrl\class; in the vmxnet3 sub  
 classes Dword32=\*NDISDeviceType= 1 to remove unidentified network errors.



## GNS3 Network Simulation Student Lab (Closed Loop)

## Network Infrastructure Appliance Testing