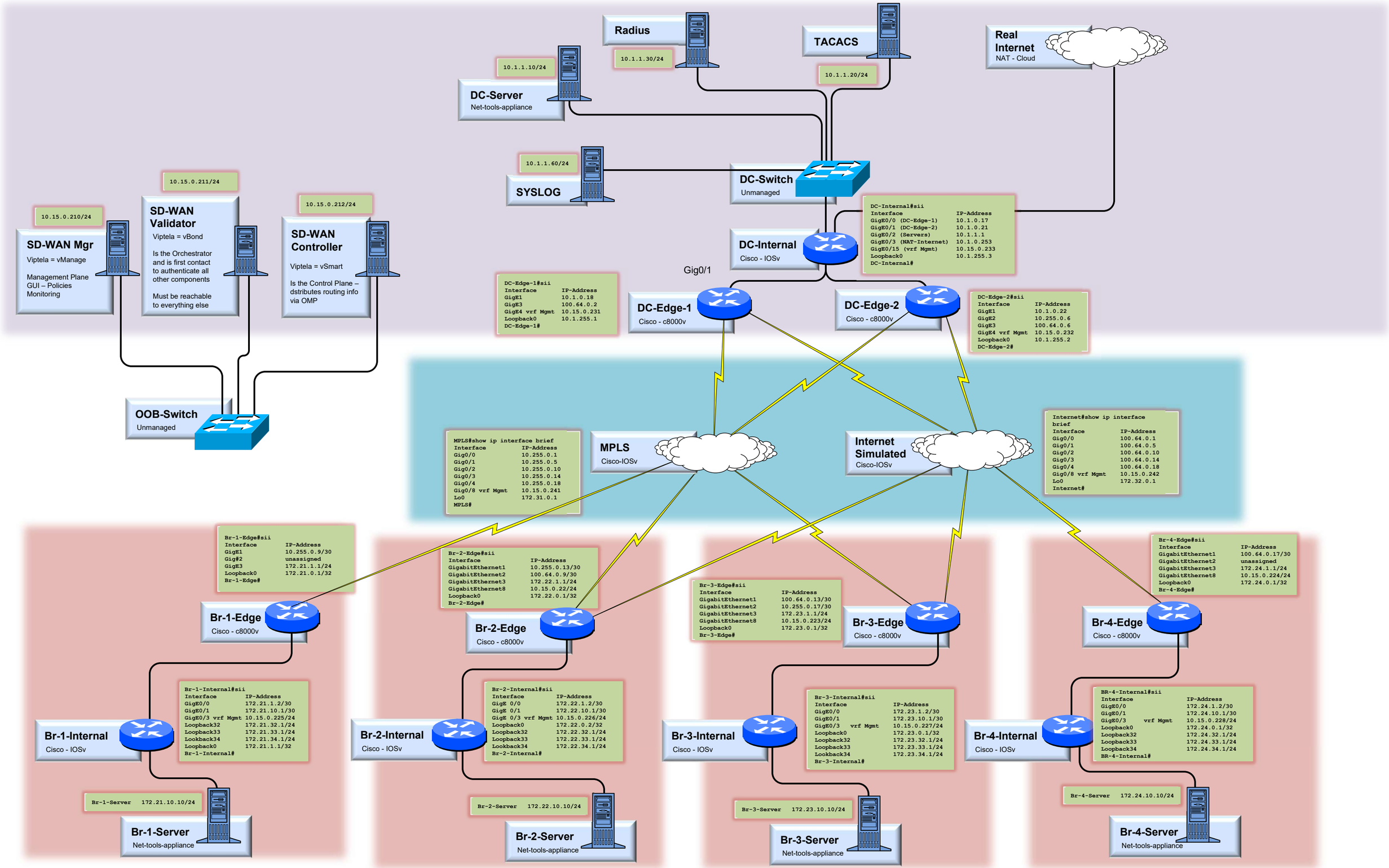
Radius
10.1.1.30/24
TACACS
10.1.1.20/24
Real Internet
NAT - Cloud
10.1.1.10/24
DC-Server
Net-tools-appliance
10.1.1.60/24
SYSLOG
DC-Switch
Unmanaged
10.15.0.211/24
SD-WAN Validator
Viptela = vBond
Is the Orchestrator and is first contact to authenticate all other components
Must be reachable to everything else
10.15.0.210/24
SD-WAN Mgr
Viptela = vManage
Management Plane
GUI – Policies
Monitoring
10.15.0.212/24
SD-WAN Controller
Viptela = vSmart
Is the Control Plane – dstributes routing info via OMP
DC-Internal#sii
Interface IP-Address
GigE0/0 (DC-Edge-1) 10.1.0.17
GigE0/1 (DC-Edge-2) 10.1.0.21
GigE0/2 (Servers) 10.1.1.1
GigE0/3 (NAT-Internet) 10.1.0.253
GigE0/15 (vrf Mgmt) 10.15.0.233
Loopback0 10.1.255.3
DC-Internal#
DC-Internal
Cisco - IOSv
Gig0/1
DC-Edge-1#sii
Interface IP-Address
GigE1 10.1.0.18
GigE3 100.64.0.2
GigE4 vrf Mgmt 10.15.0.231
Loopback0 10.1.255.1
DC-Edge-1#
DC-Edge-1
Cisco - c8000v
DC-Edge-2
Cisco - c8000v
DC-Edge-2#sii
Interface IP-Address
GigE1 10.1.0.22
GigE2 10.255.0.6
GigE3 100.64.0.6
GigE4 vrf Mgmt 10.15.0.232
Loopback0 10.1.255.2
DC-Edge-2#
OOB-Switch
Unmanaged
MPLS#show ip interface brief
Interface IP-Address
Gig0/0 10.255.0.1
Gig0/1 10.255.0.5
Gig0/2 10.255.0.10
Gig0/3 10.255.0.14
Gig0/4 10.255.0.18
Gig0/8 vrf Mgmt 10.15.0.241
Lo0 172.31.0.1
MPLS#
MPLS
Cisco-IOSv
Internet Simulated
Cisco-IOSv
Internet#show ip interface brief
Interface IP-Address
Gig0/0 100.64.0.1
Gig0/1 100.64.0.5
Gig0/2 100.64.0.10
Gig0/3 100.64.0.14
Gig0/4 100.64.0.18
Gig0/8 vrf Mgmt 10.15.0.242
Lo0 172.32.0.1
Internet#
Br-1-Edge#sii
Interface IP-Address
GigE1 10.255.0.9/30
Gig#2 unassigned
GigE3 172.21.1.1/24
Loopback0 172.21.0.1/32
Br-1-Edge#
Br-1-Edge
Cisco - c8000v
Br-2-Edge#sii
Interface IP-Address
GigabitEthernet1 10.255.0.13/30
GigabitEthernet2 100.64.0.9/30
GigabitEthernet3 172.22.1.1/24
GigabitEthernet8 10.15.0.22/24
Loopback0 172.22.0.1/32
Br-2-Edge#
Br-2-Edge
Cisco - c8000v
Br-3-Edge#sii
Interface IP-Address
GigabitEthernet1 100.64.0.13/30
GigabitEthernet2 10.255.0.17/30
GigabitEthernet3 172.23.1.1/24
GigabitEthernet8 10.15.0.223/24
Loopback0 172.23.0.1/32
Br-3-Edge#
Br-3-Edge
Cisco - c8000v
Br-4-Edge#sii
Interface IP-Address
GigabitEthernet1 100.64.0.17/30
GigabitEthernet2 unassigned
GigabitEthernet3 172.24.1.1/24
GigabitEthernet8 10.15.0.224/24
Loopback0 172.24.0.1/32
Br-4-Edge#
Br-4-Edge
Cisco - c8000v
Br-1-Internal#sii
Interface IP-Address
GigE0/0 172.21.1.2/30
GigE0/1 172.21.10.1/30
GigE0/3 vrf Mgmt 10.15.0.225/24
Loopback32 172.21.32.1/24
Loopback33 172.21.33.1/24
Lookback34 172.21.34.1/24
Loopback0 172.21.1.1/32
Br-1-Internal#
Br-1-Internal
Cisco - IOSv
Br-2-Internal#sii
Interface IP-Address
GigE 0/0 172.22.1.2/30
GigE 0/1 172.22.10.1/30
GigE 0/3 vrf Mgmt 10.15.0.226/24
Loopback0 172.22.0.2/32
Loopback32 172.22.32.1/24
Loopback33 172.22.33.1/24
Lookback34 172.22.34.1/24
Br-2-Internal#
Br-2-Internal
Cisco - IOSv
Br-3-Internal#sii
Interface IP-Address
GigE0/0 172.23.1.2/30
GigE0/1 172.23.10.1/30
GigE0/3 vrf Mgmt 10.15.0.227/24
Loopback0 172.23.0.1/32
Loopback32 172.23.32.1/24
Loopback33 172.23.33.1/24
Lookback34 172.23.34.1/24
Br-3-Internal#
Br-3-Internal
Cisco - IOSv
BR-4-Internal#sii
Interface IP-Address
GigE0/0 172.24.1.2/30
GigE0/1 172.24.10.1/30
GigE0/3 vrf Mgmt 10.15.0.228/24
Loopback0 172.24.0.1/32
Loopback32 172.24.32.1/24
Loopback33 172.24.33.1/24
Loopback34 172.24.34.1/24
BR-4-Internal#
Br-4-Internal
Cisco - IOSv
Br-1-Server 172.21.10.10/24
Br-1-Server
Net-tools-appliance
Br-2-Server 172.22.10.10/24
Br-2-Server
Net-tools-appliance
Br-3-Server 172.23.10.10/24
Br-3-Server
Net-tools-appliance
Br-4-Server 172.24.10.10/24
Br-4-Server
Net-tools-appliance