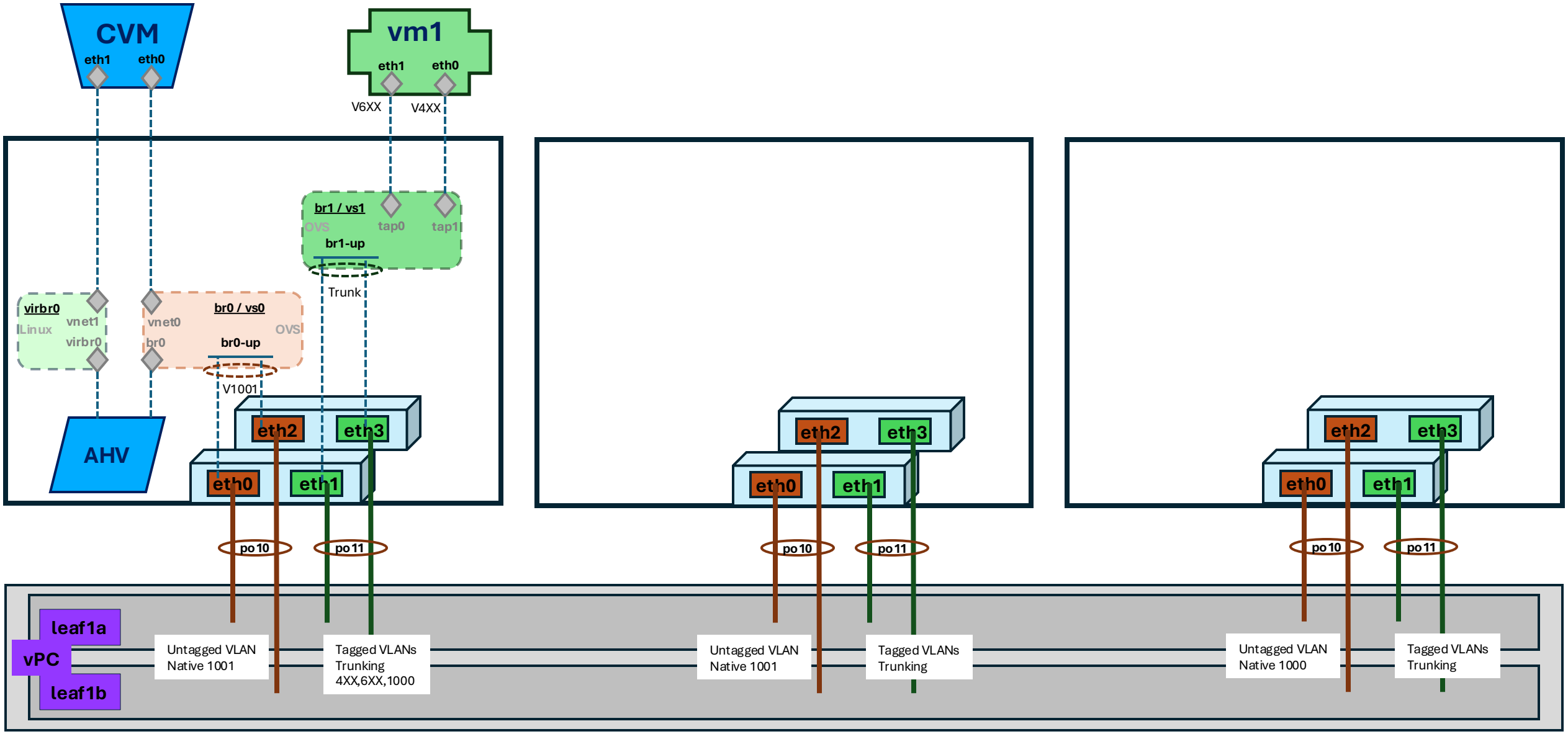
BASE CONCEPTS



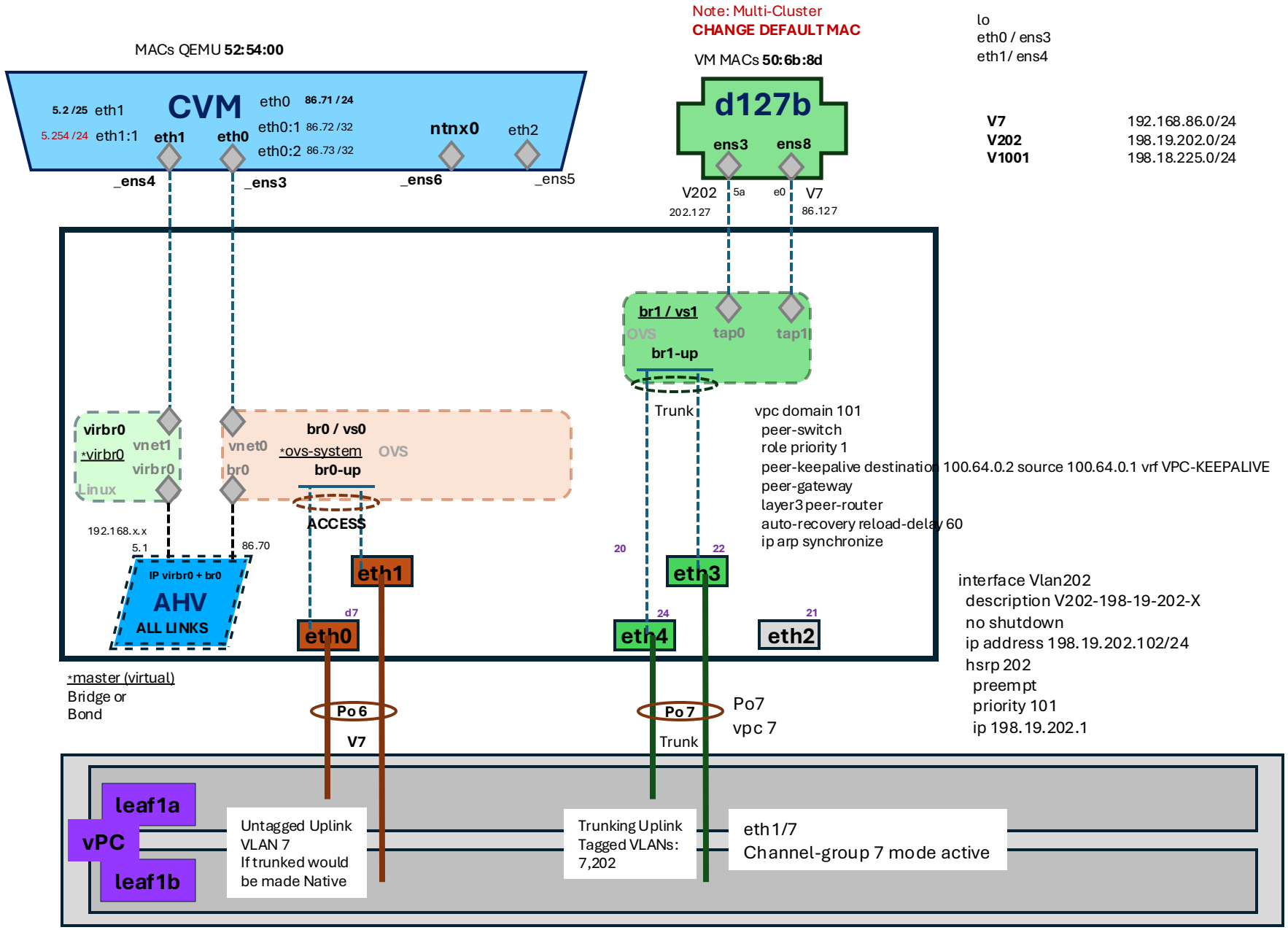
TST designs

CVM ip link:

lo
eth0 / ens3
eth1/ ens4
eth2 / ens5
>ntnx0 / ens6 — Key for Cluster CVM <> CVM Traffic
Key for Distributed Storage Fabric
DSF and other Services (heartbeat)
SAME subnet as other CVMs in Cluster
Services: Metadata, Health Checks,
STORAGE traffic
ATTACH to br0 and br0.local

AHV ip link:

lo
eth1
eth0
eth2
eth3
eth4
***ovs-system** — OVS instance – ONLY 1 per host
VTEPS connect multiple
OVS instances on separate
hosts (in the same cluster)
brX.local — VMs connect
br1.local — VMs connect here
brX — Host NICS connect here
br0 — Bridge for CVM and mgmt
brSpan — Specialized Bridge for port mirroring
br0.local — CVM
cvm<>host local not routed
br1
***virbr0** — from linux libvirt
vnet0 — vnet# are associated with Bridges
vnet1
vnet2
vnet3
br.mx — dedicated to VM traffic N<>S/E<>W
bridges brX.local and brY.local
br.microseg — Cluster VMs E<>W passes through
to allow traffic security control
br.nf — file server traffic / NFS, SMB, CIFS
br.dmx — ADSF acrop distrib storage fabric
distributed network bridge
external storage
uses DSIP
vxlan_sys_4789 — VTEP? UDP 4789 default L2 over L3
tap0 — tap# is associated with Bridges
They are created with VMs are edited
with NICs
tap1

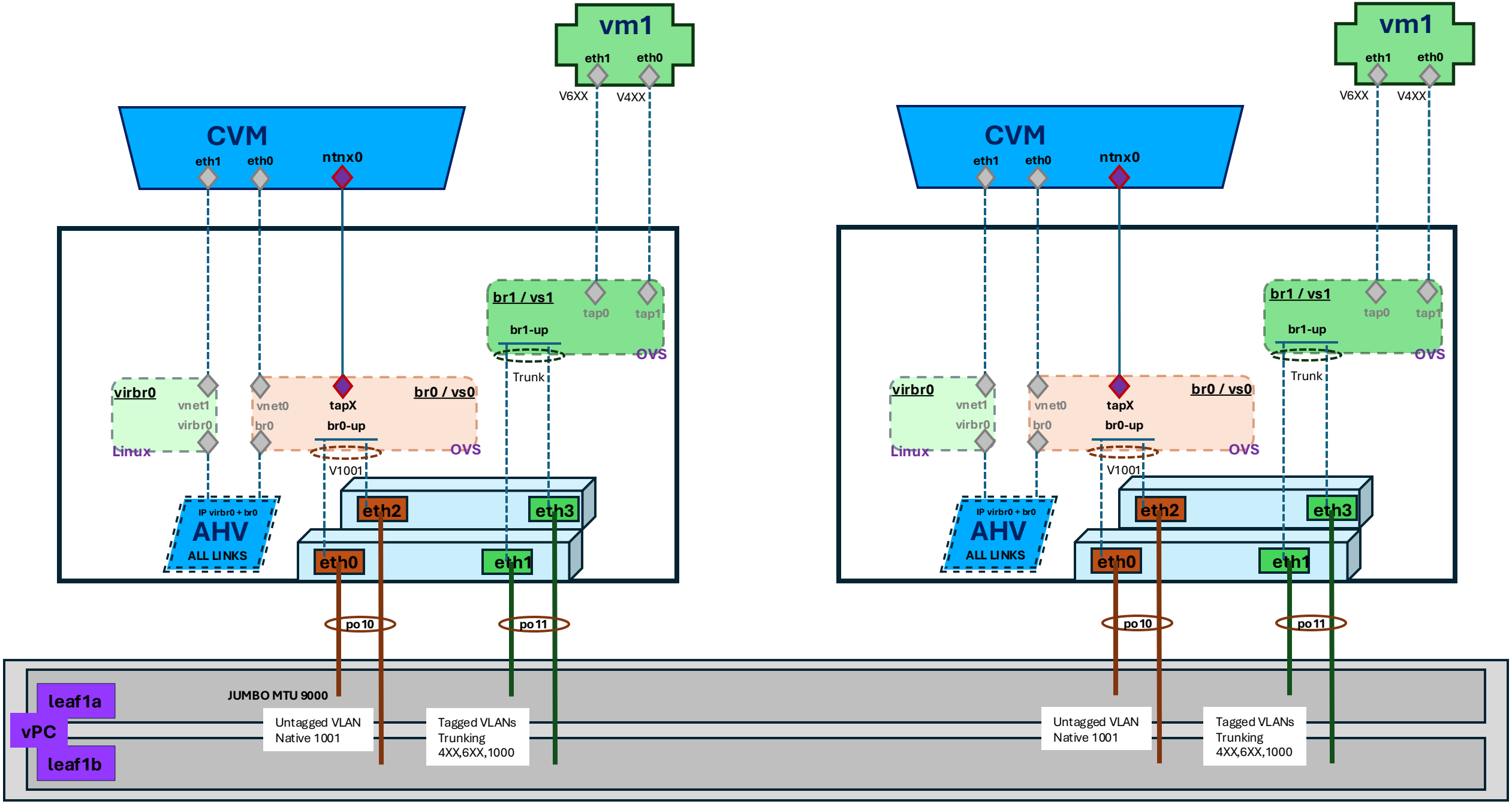


VM ip link:

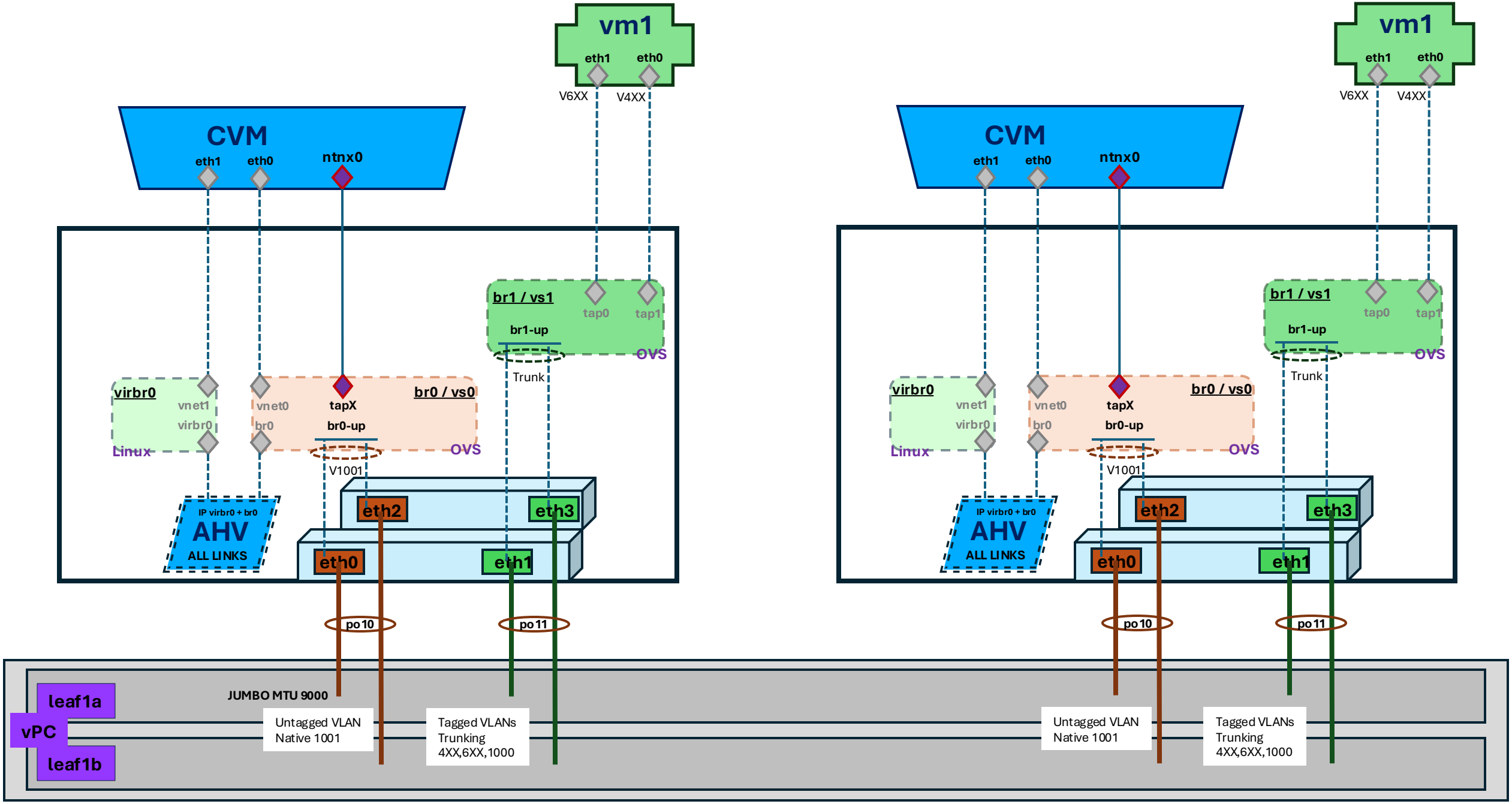
lo
eth0 / ens3
eth1/ ens4

V7	192.168.86.0/24
V202	198.19.202.0/24
V1001	198.18.225.0/24

BASE – NTNX+MGMT same _ CONCEPTS



BASE – NTNX+MGMT same _ CONCEPTS



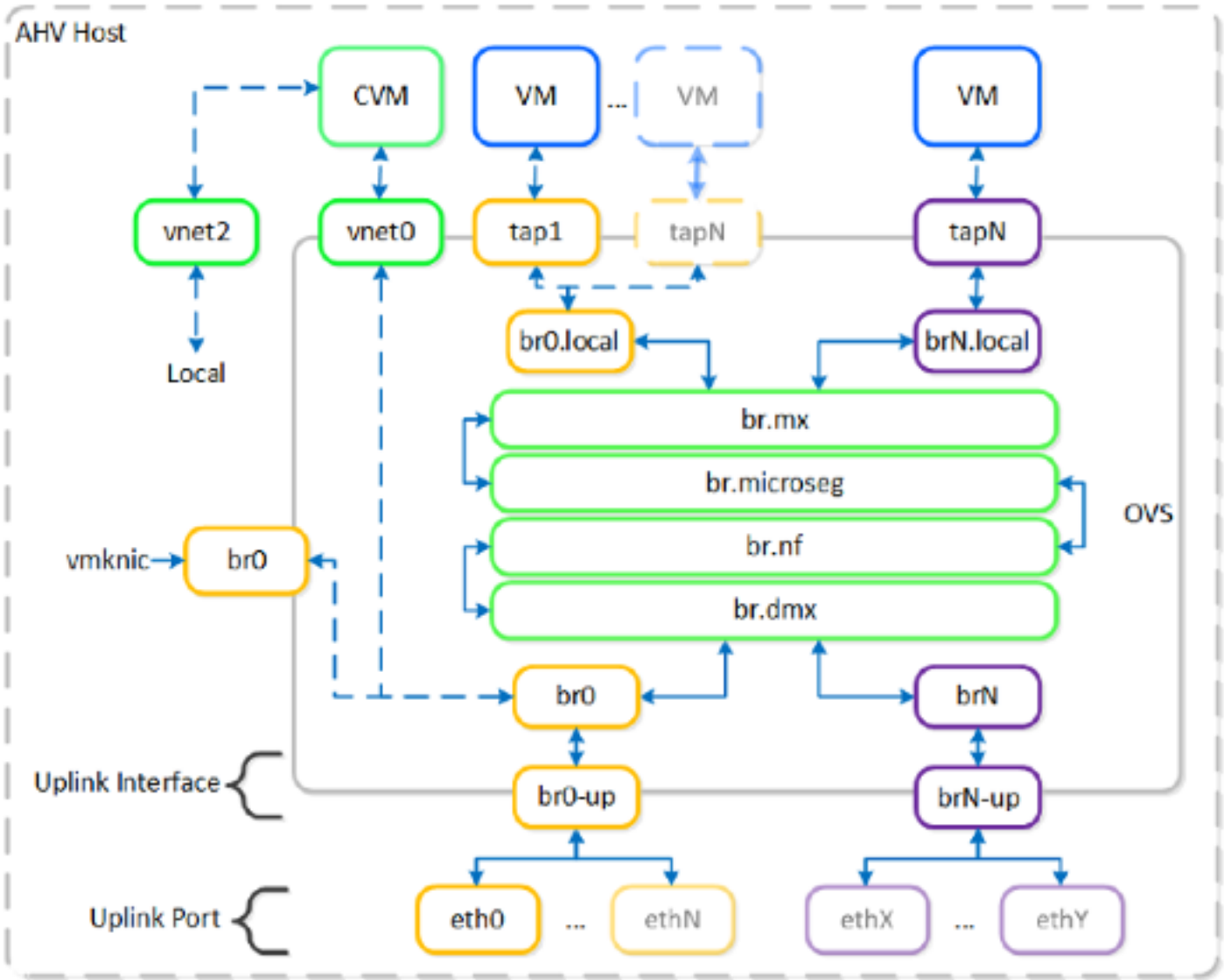


Figure 2: AHV Bridge Chain