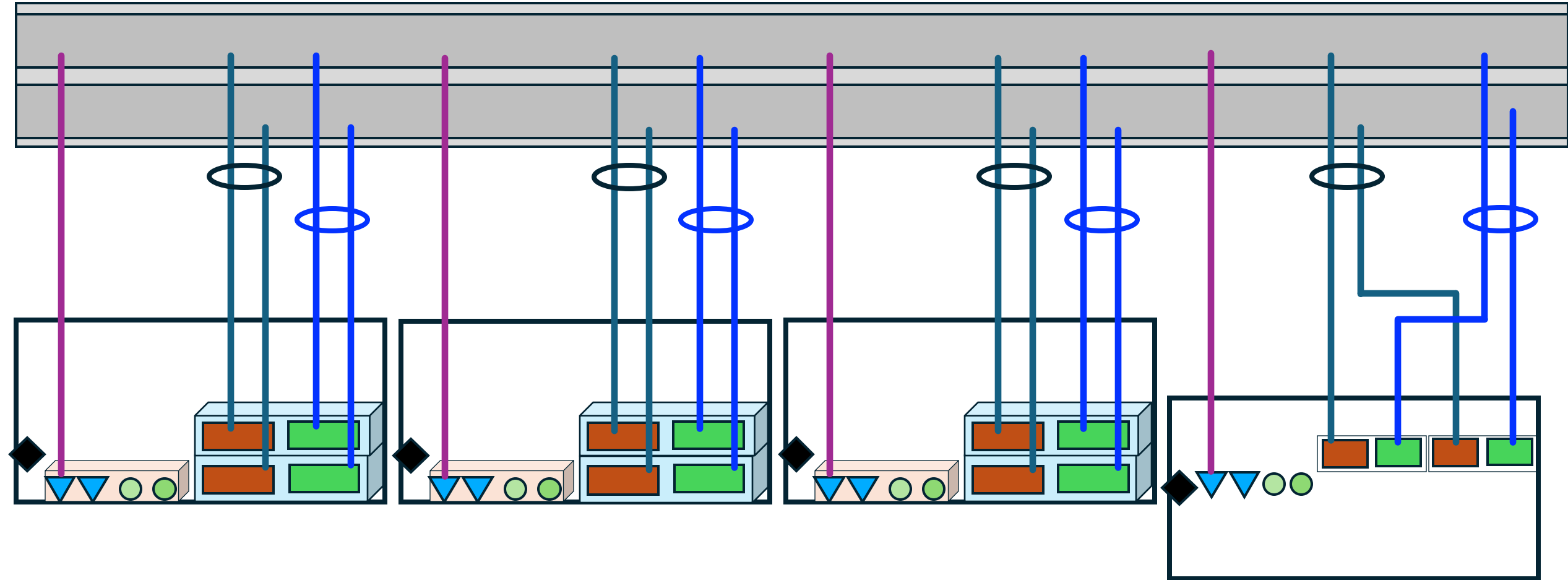
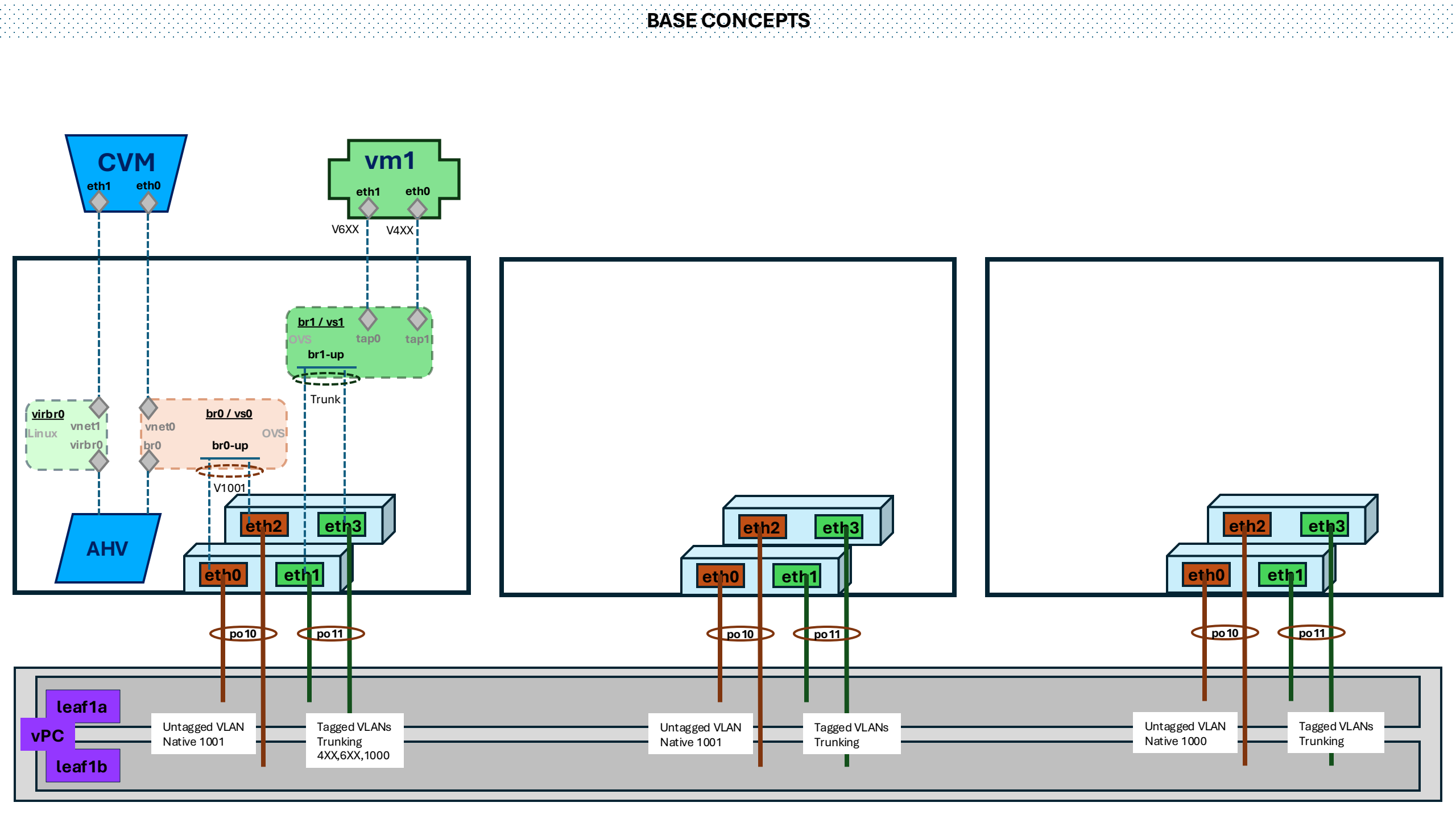


leaf1a

leaf1b



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)
VMs connect
Host NICS connect here
Bridge for CVM and mgmt
Specialized Bridge for port mirroring
CVM
cvm<->host local not routed
from linux libvirt
vnet# are associated with Bridges

brX.local
br1.local
brX
br0
brSpan
br0.local

br1
*virbr0

vnet0
vnet1
vnet2
vnet3
br.mx

br.microseg

br.nf
br.dmx

vxlan_sys_4789
tap0

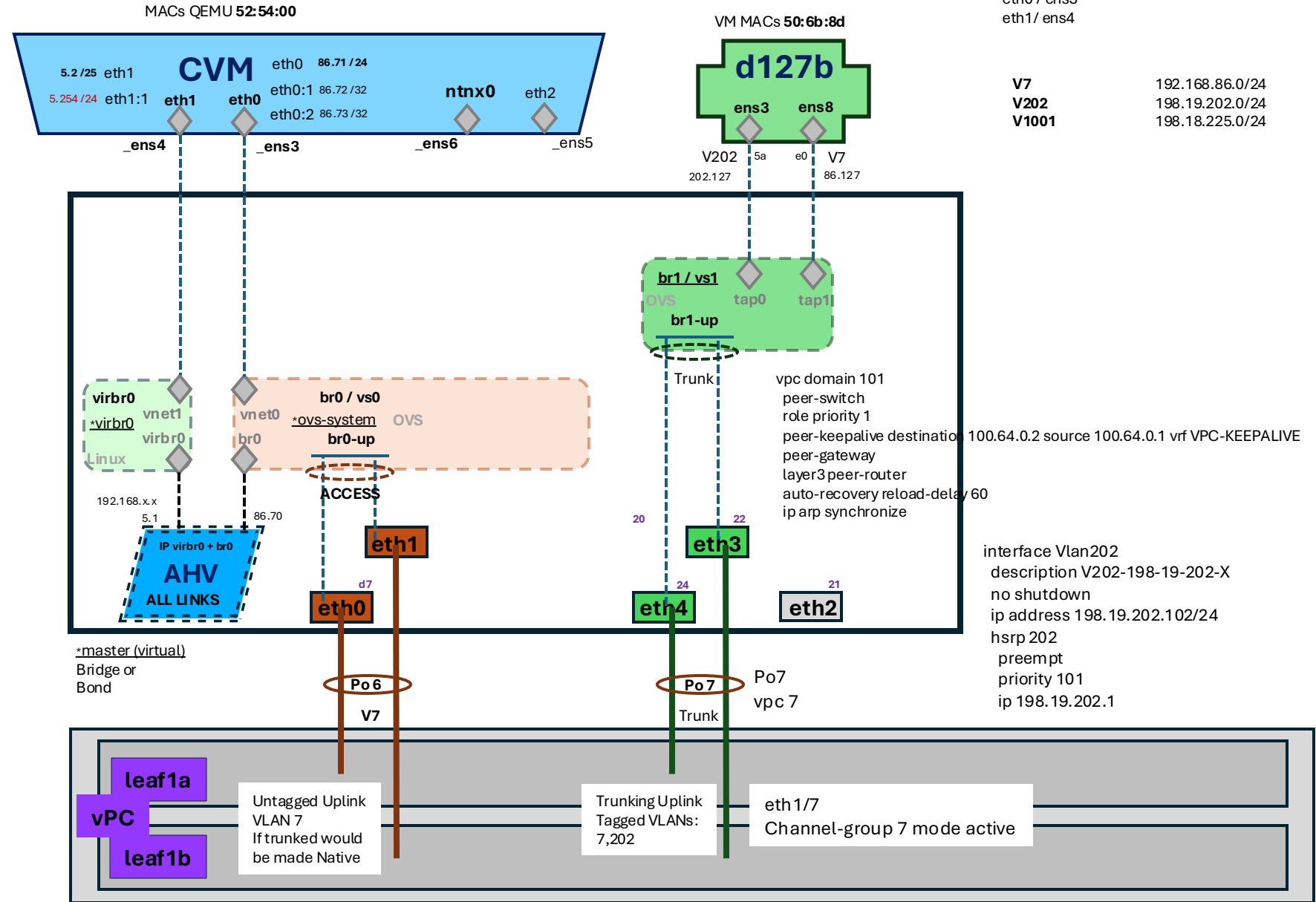
tap1

dedicated to VM traffic N<->S/E<->W
bridges brX.local and brY.local
Cluster VMs E<->W passes through
to allow traffic security control
file server traffic / NFS, SMB, CIFS
ADSF across distrib storage fabric
distributed network bridge
external storage
uses DSIP
VTEP? UDP 4789 default L2 over L3
tap# is associated with Bridges
They are created with VMs are edited
with NICs

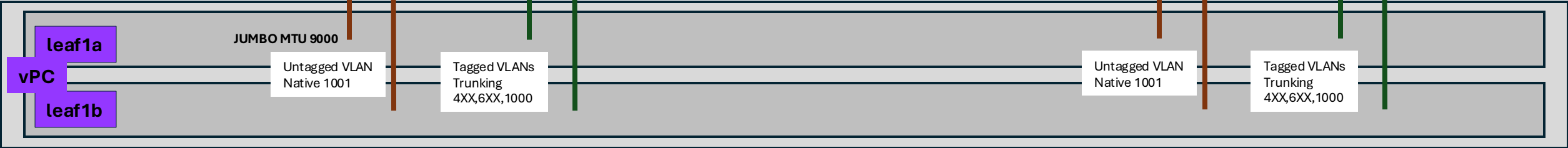
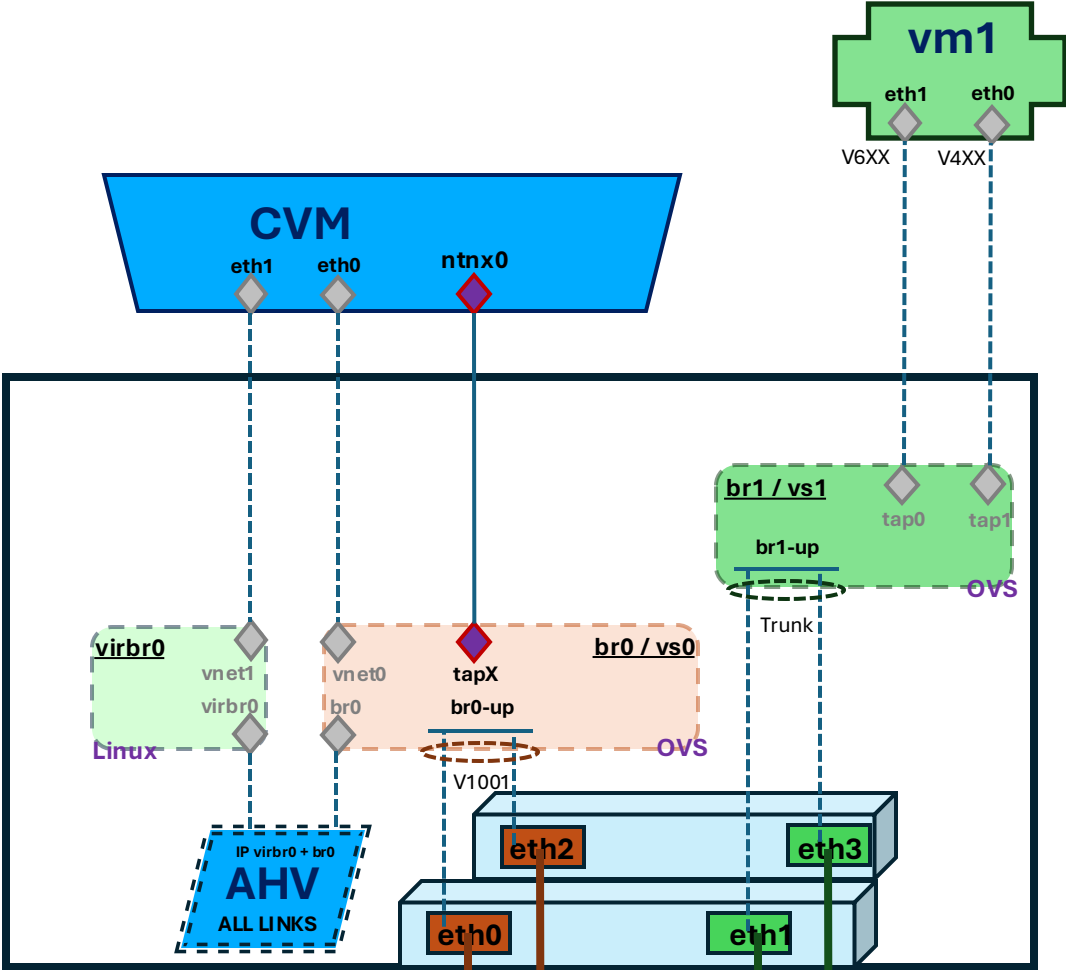
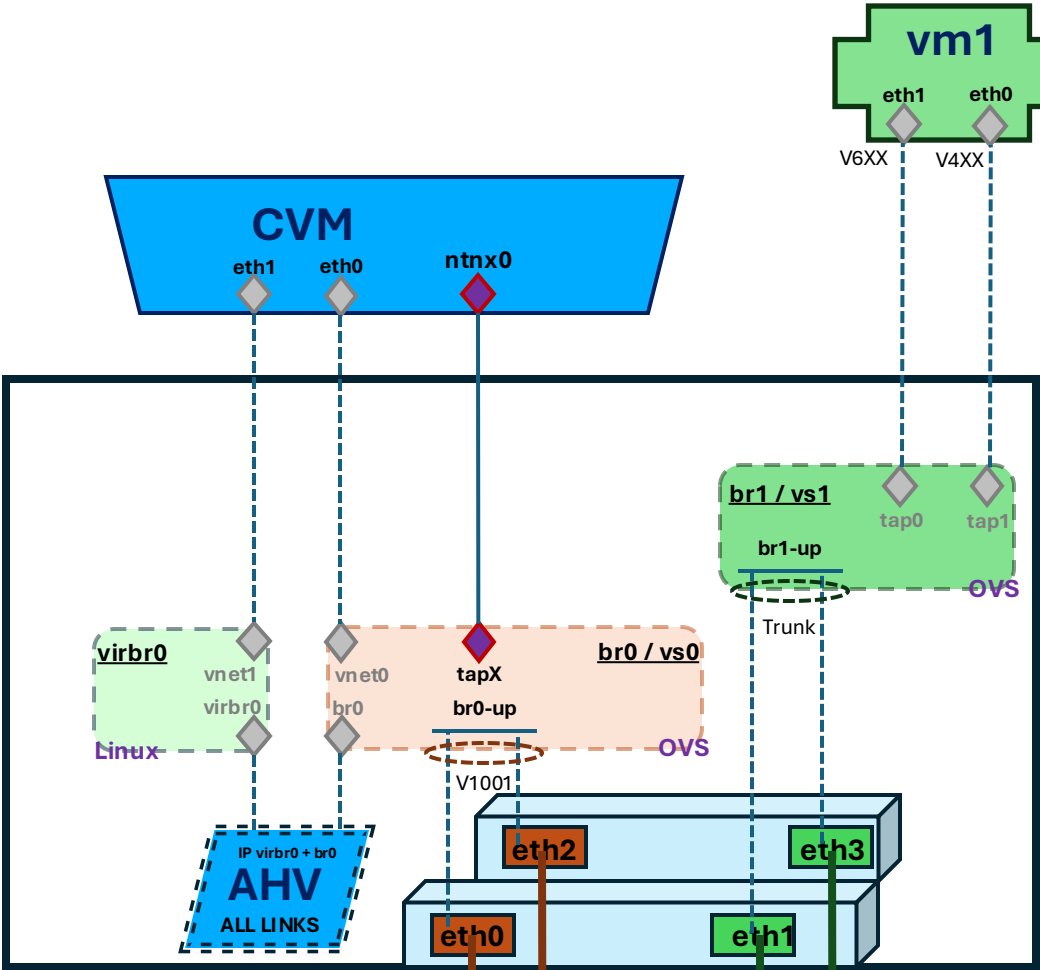
VM ip link:

lo
eth0 / ens3
eth1 / ens4

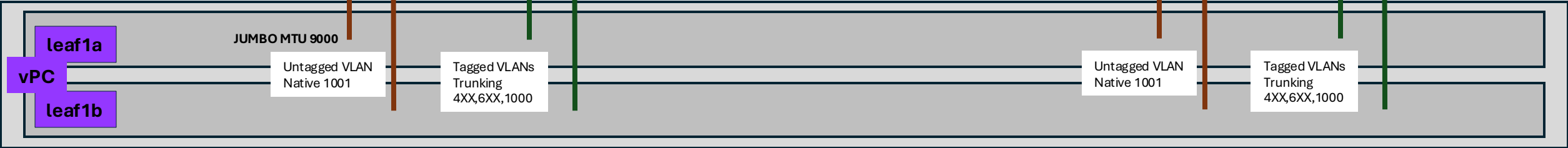
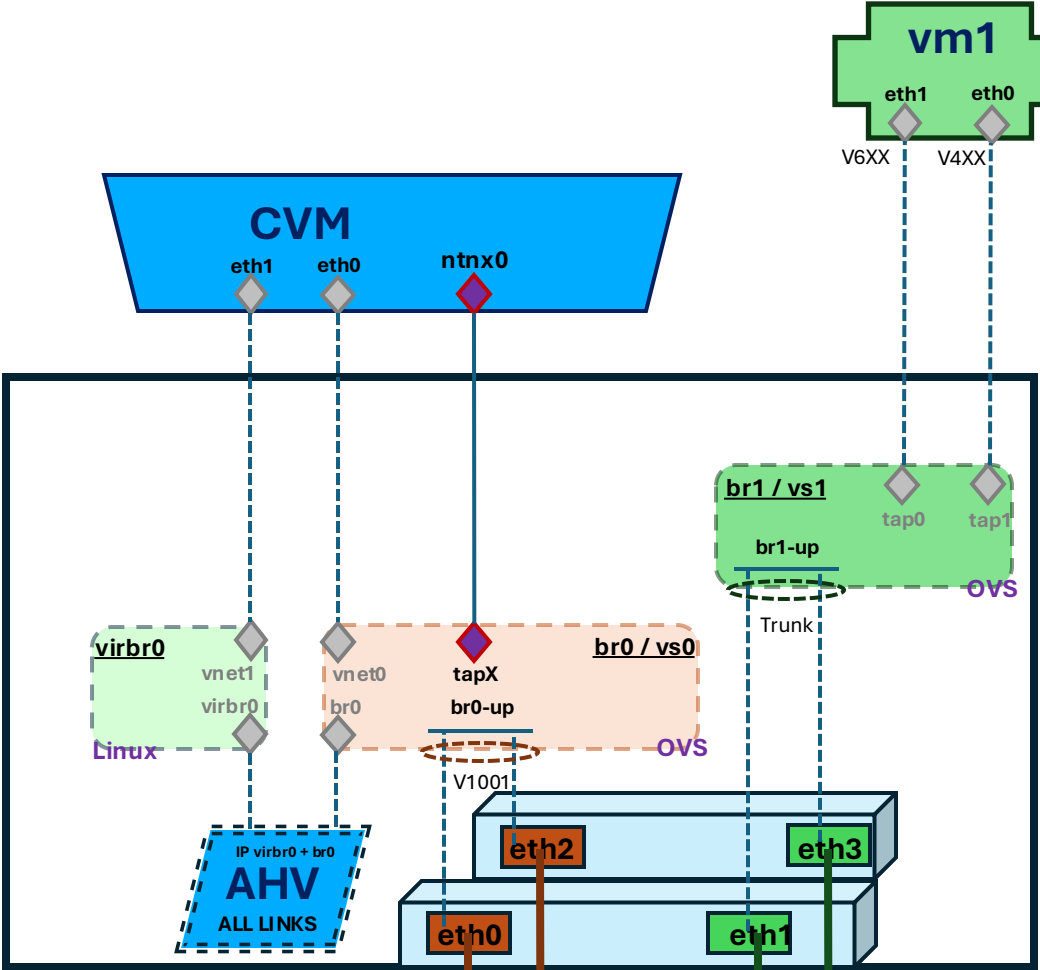
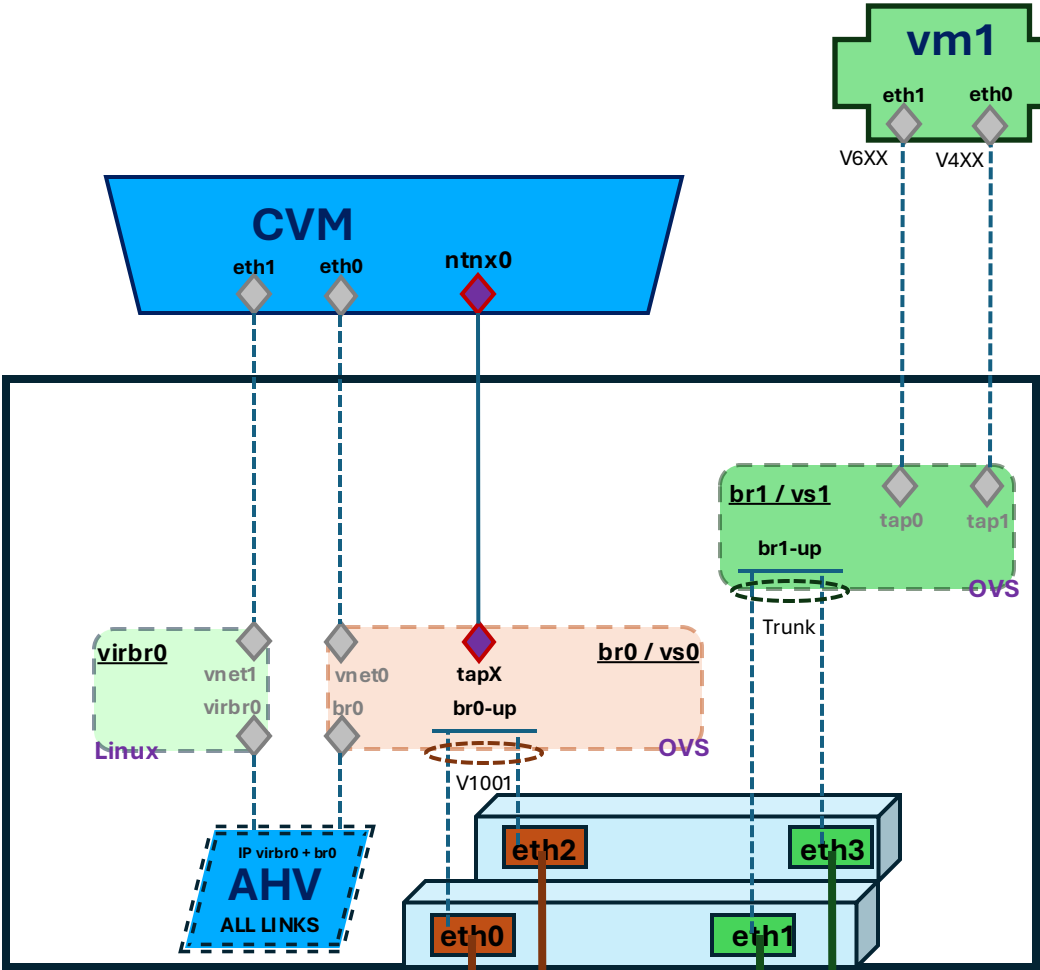
V7 192.168.86.0/24
V202 198.19.202.0/24
V1001 198.18.225.0/24



BASE – NTN+MGMT same _CONCEPTS



BASE – NTN+MGMT same _CONCEPTS



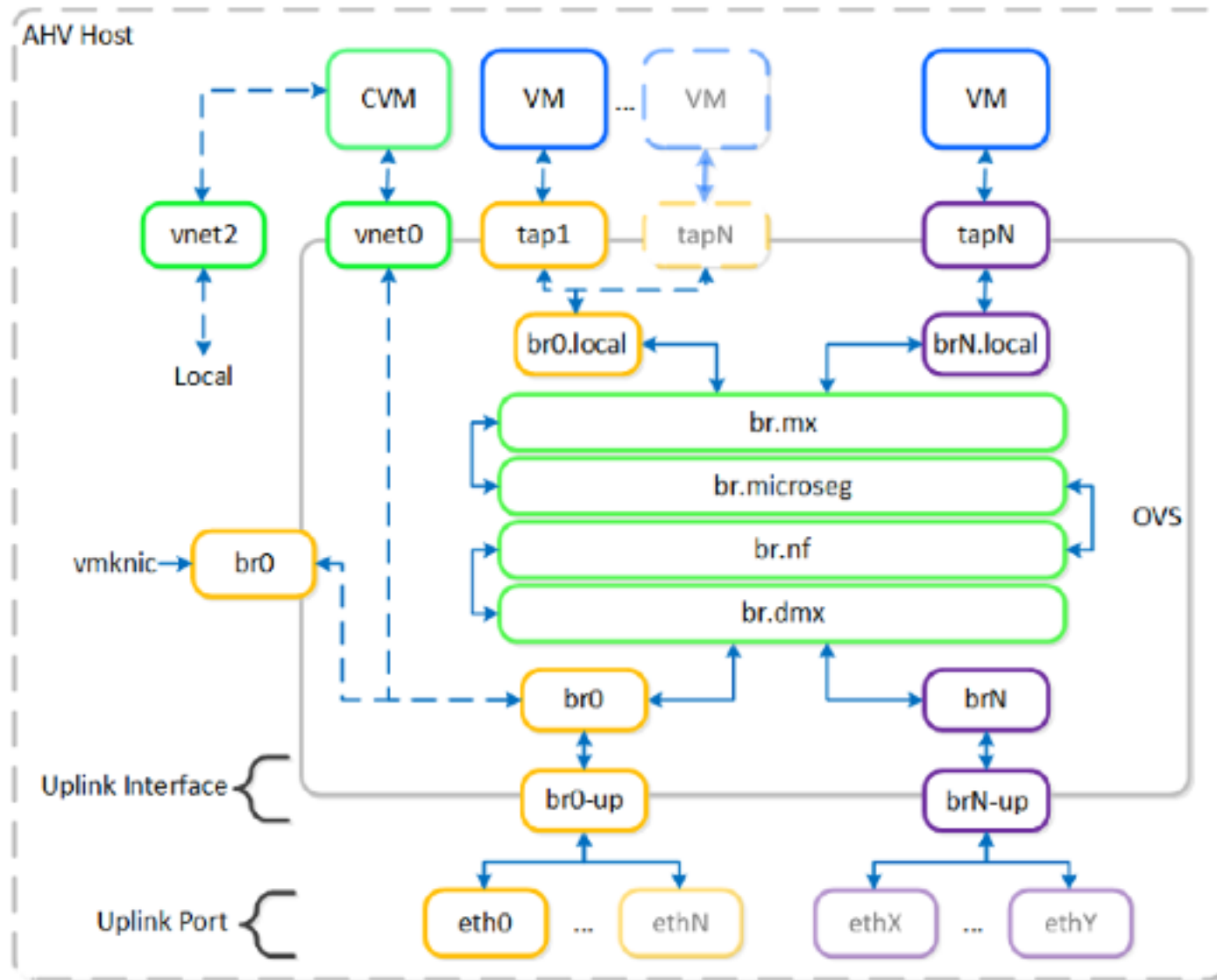


Figure 2: AHV Bridge Chain