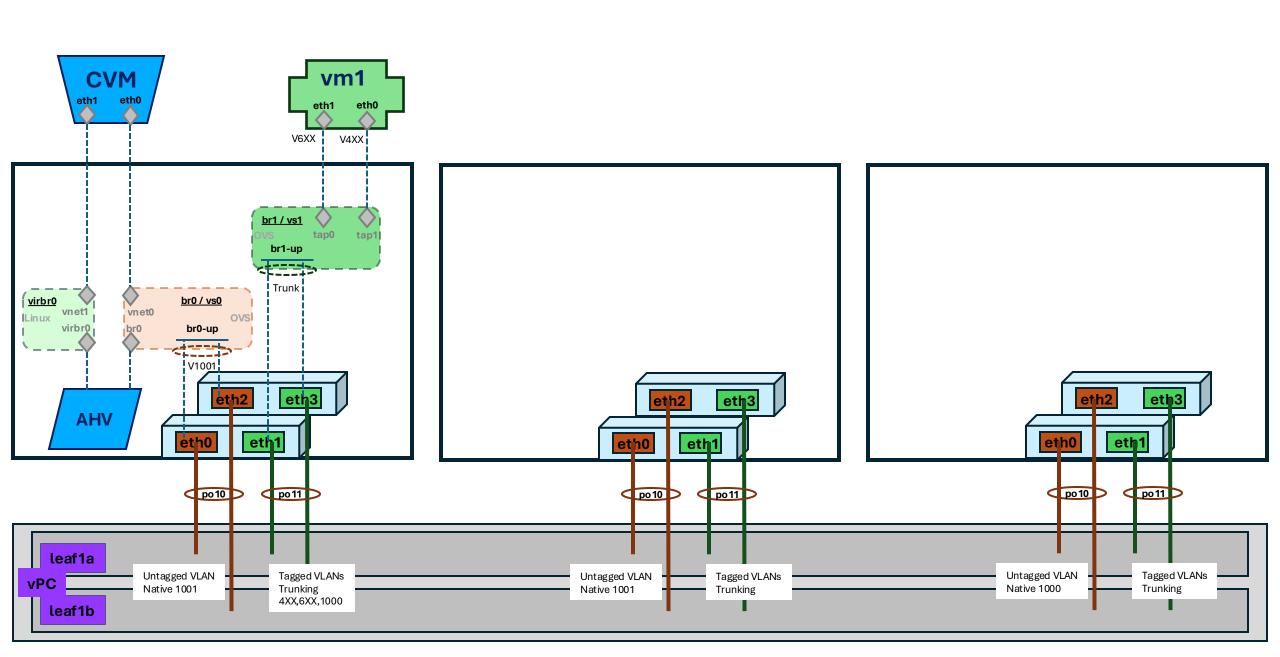
## BASE CONCEPTS



## CVM ip link:

eth0 / ens3 eth1/ens4 eth2 / ens5

>ntnx0 / ens6 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:

eth1 eth0 eth2 eth3 eth4

OVS instance - ONLY 1 per host \*ovs-system

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<host local not routed

br1

\*virbr0 from linux libvirt

vnet# are associated with Bridges vnet0

vnet1 vnet2 vnet3

br.nf

br.dmx

dedicated to VM traffic N<>S/E<>W br.mx

bridges brX.local and brY.local

br.microseg Cluster VMs E<>W passes through

to allow traffic security control file server traffic / NFS, SMB, CIFS

ADSF acrop distrib storage fabric distributed network bridge

external storage

uses DSIP

vxlan\_sys\_4789 VTEP? UDP 4789 default L2 over L3 tap# is associated with Bridges tap0

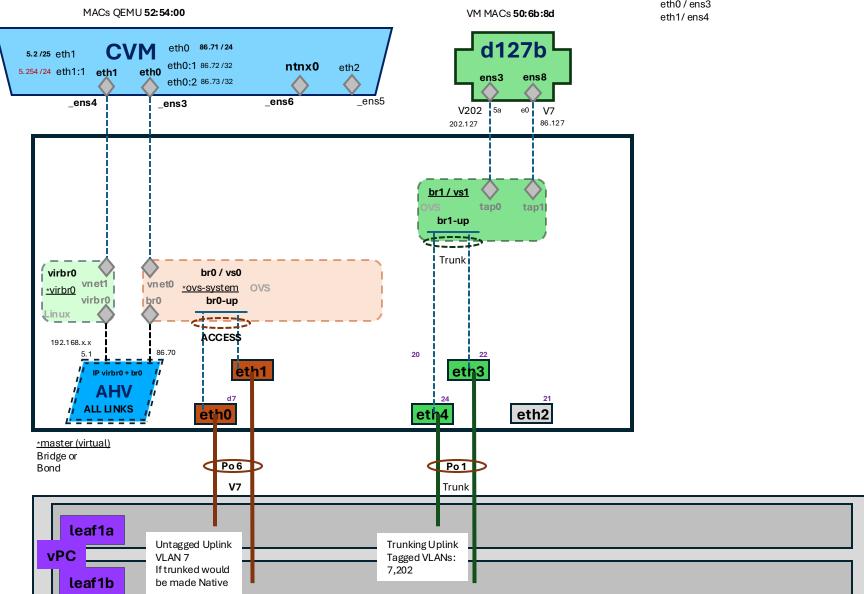
They are created with VMs are edited

with NICs

tap1

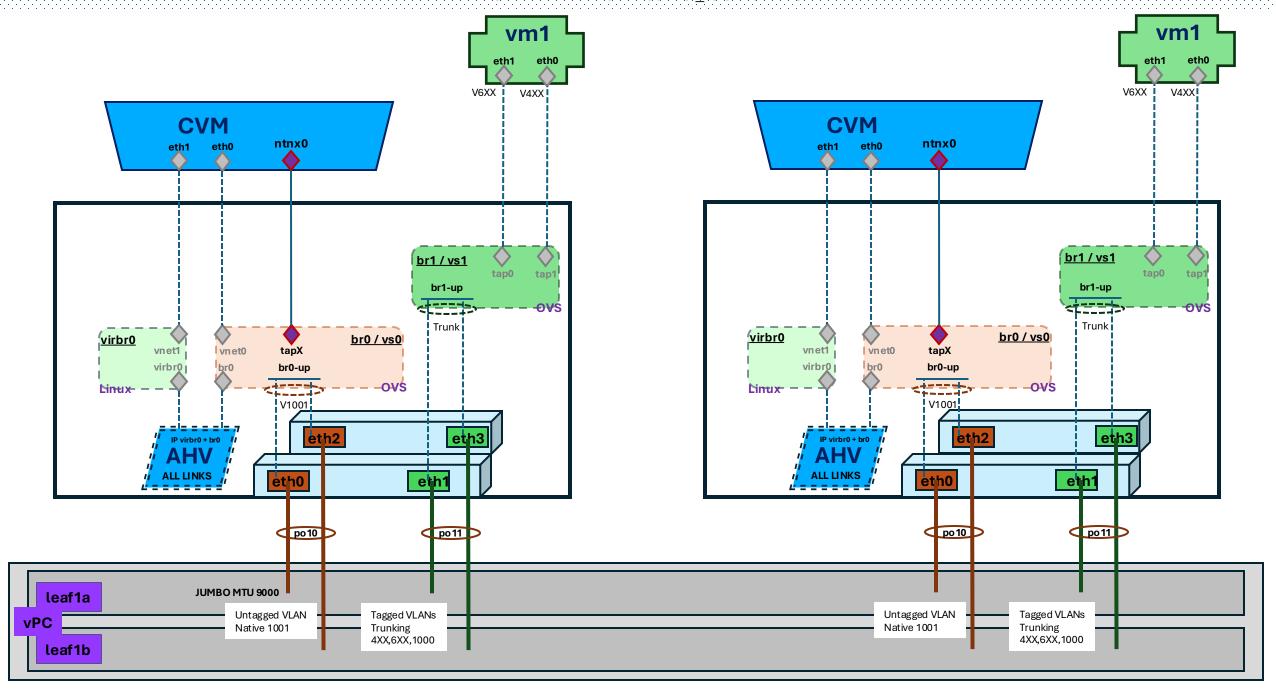
## VM ip link:

eth0 / ens3

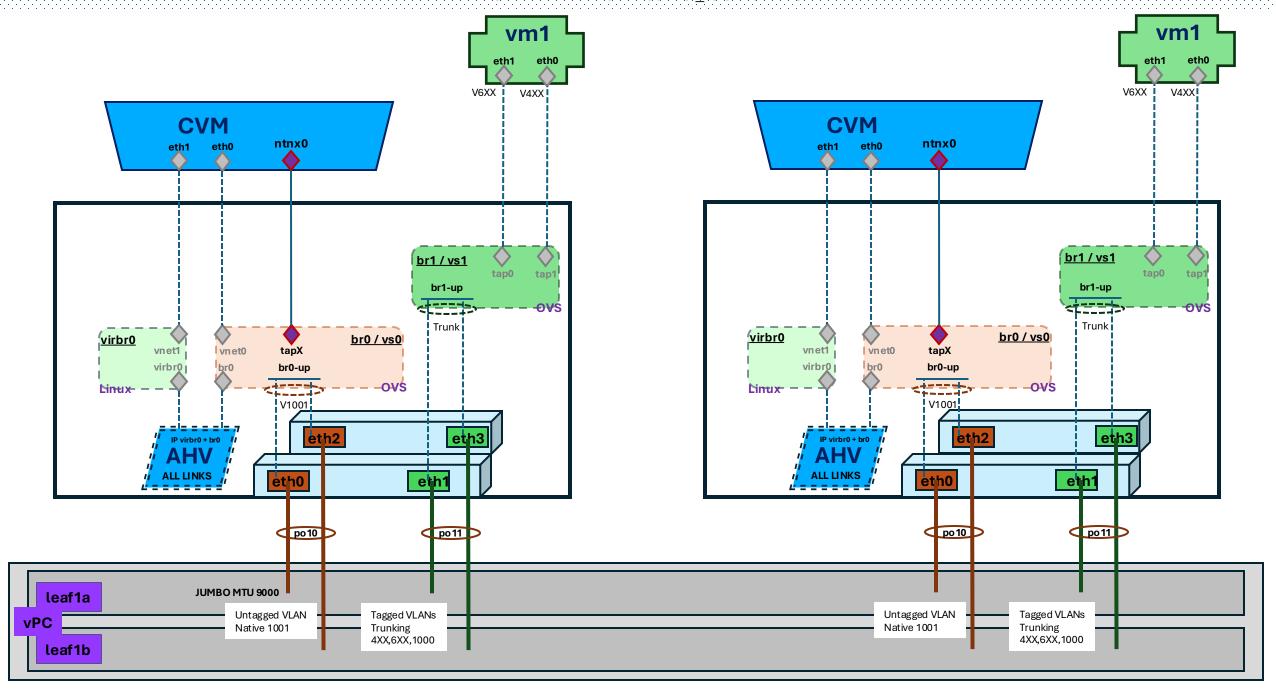


Note: Multi-Cluster

BASE - NTNX+MGMT same \_ CONCEPTS



BASE - NTNX+MGMT same \_ CONCEPTS



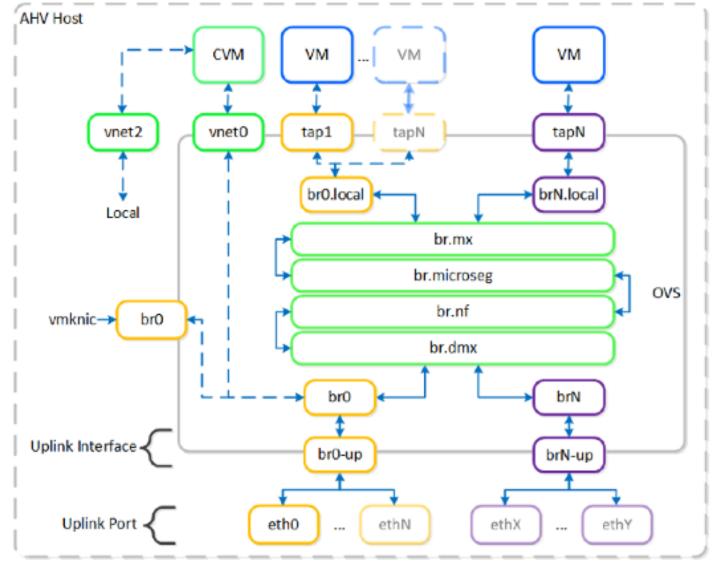


Figure 2: AHV Bridge Chain