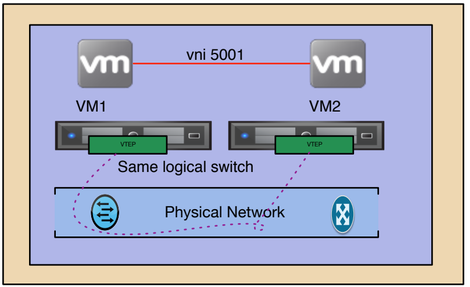

Basic NSX
Layer 2
VM to VM - Data Plane
Troubleshooting

VM to VM Communication Issue
Layer 2 / Same VNI

Review and clear ARP Cache in VM 1

From VM1 Ping VM 2 in Same VNI

Different Host

Ping Response

No

Yes

Review Application
use pktcap-uw between VMS to review traffic

Same Host

Review ARP Cache on VM 1

MAC address of VM 2 in VM 1 ARP cache ?

Yes

Ping Response

Yes

Layer 2 Confirmed

No

Review Application
use pktcap-uw between VMS to review traffic

Session connection (i.e. netstat)
Services
Firewalls within guest

No

Confirm Control Plane

Review Controller cluster status in the web client

esxcli network vswitch dvs vmware vxlan network list –vds-name Compute_VDS

Confirm host is communicating with Controller cluster
Check logs - /var/log/netcpa.log
Review - Active connections : esxcli network ip connection list | grep 1234

Control Plane working correctly

No

Go To Troubleshoot Controllers Workflow

Yes

Troubleshoot Transport Layer