



OpenStack Powered by Tungsten Fabric - demo

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Tungsten Fabric and ML2 demo

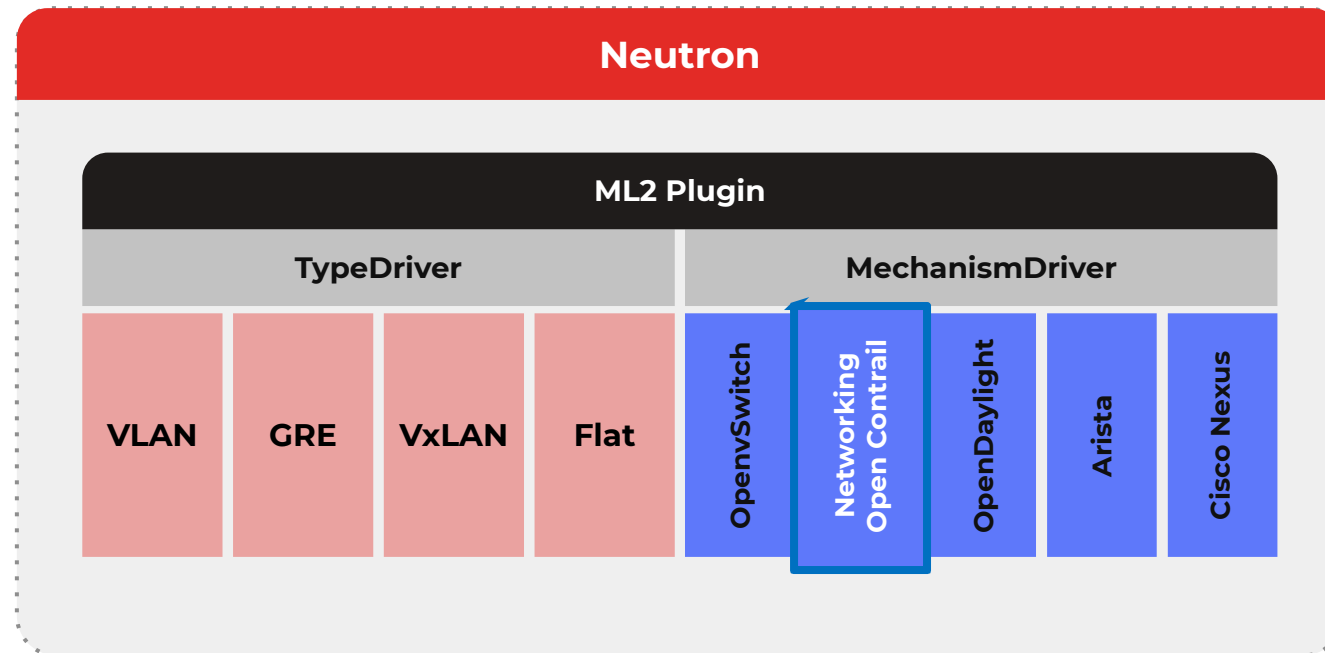
- **Running Tungsten Fabric SDN along with other ML2 drivers**
- **This facilitates:**
 - Running OVS, SR-IOV and vRouter based works simultaneously
 - Running OVS and SR-IOV workloads and have Tungsten Fabric manage the fabric
 - Live migration of OVS based computes to vRouter based computes

<https://opendev.org/x/networking-opencontrail>

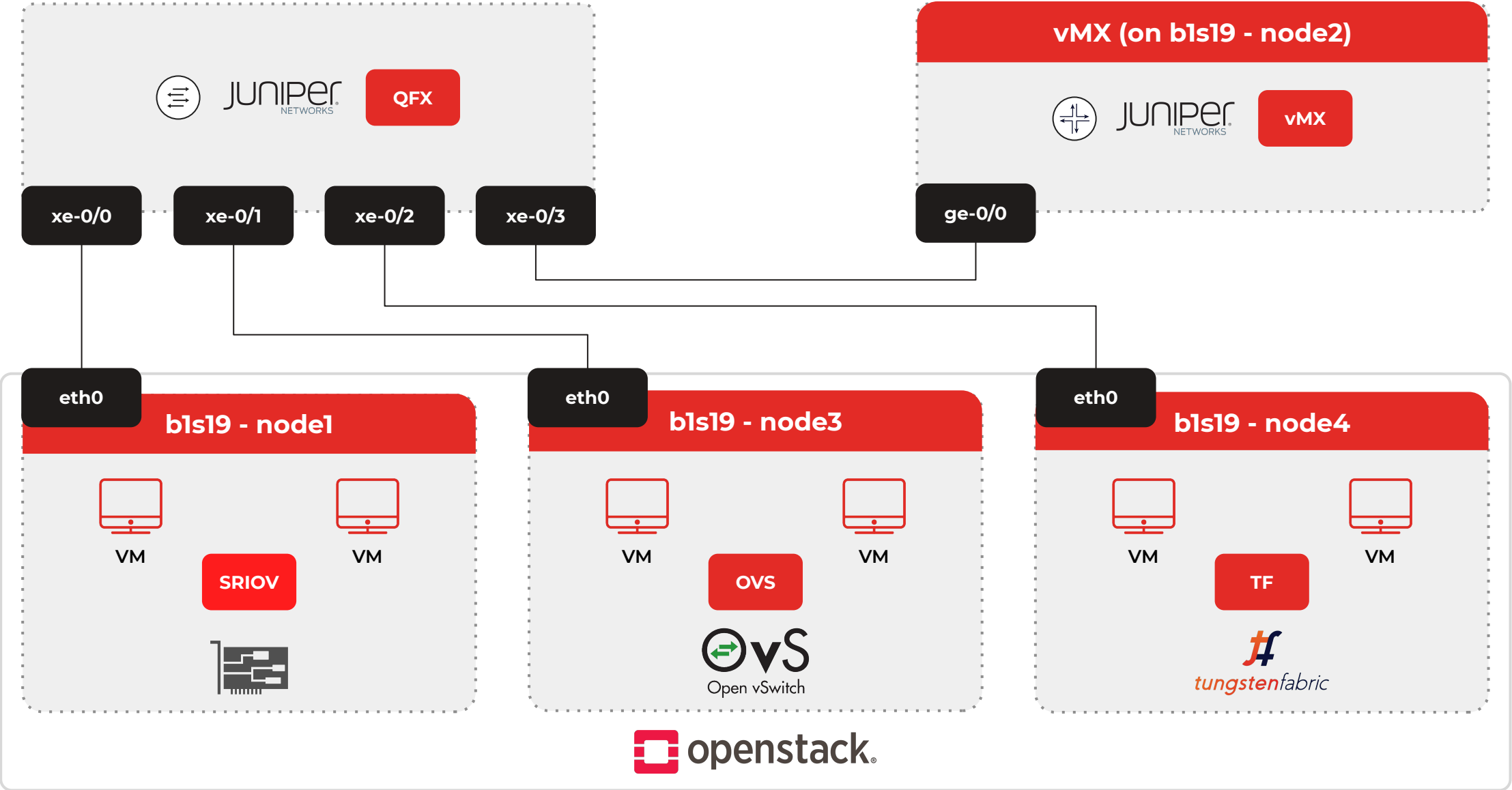


Tungsten Fabric Deployment Models with Openstack

- Two Deployment models
 - Monolithic Plugin
 - ML2 based - this is used in the demo



Demo Setup Overview

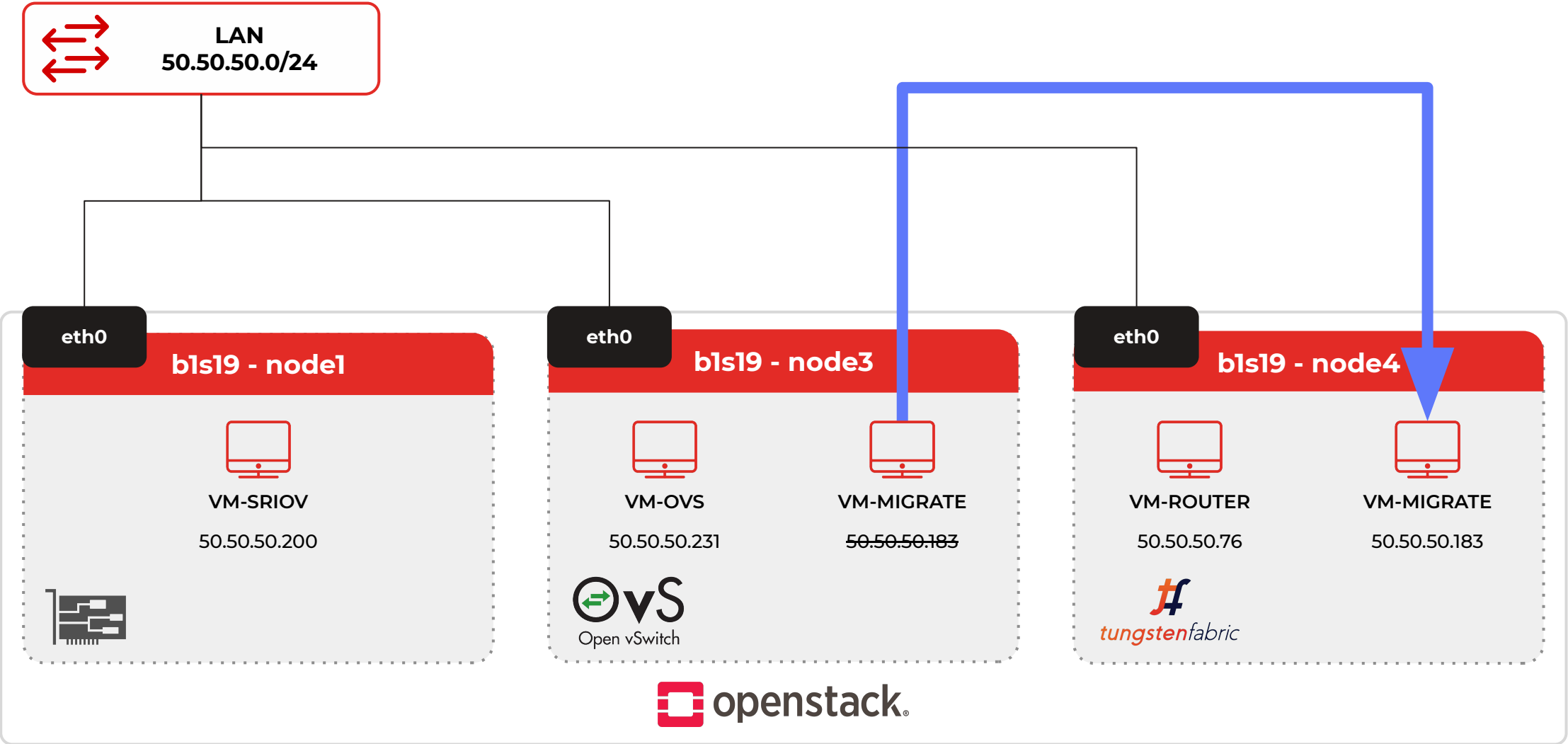


Demo Steps:

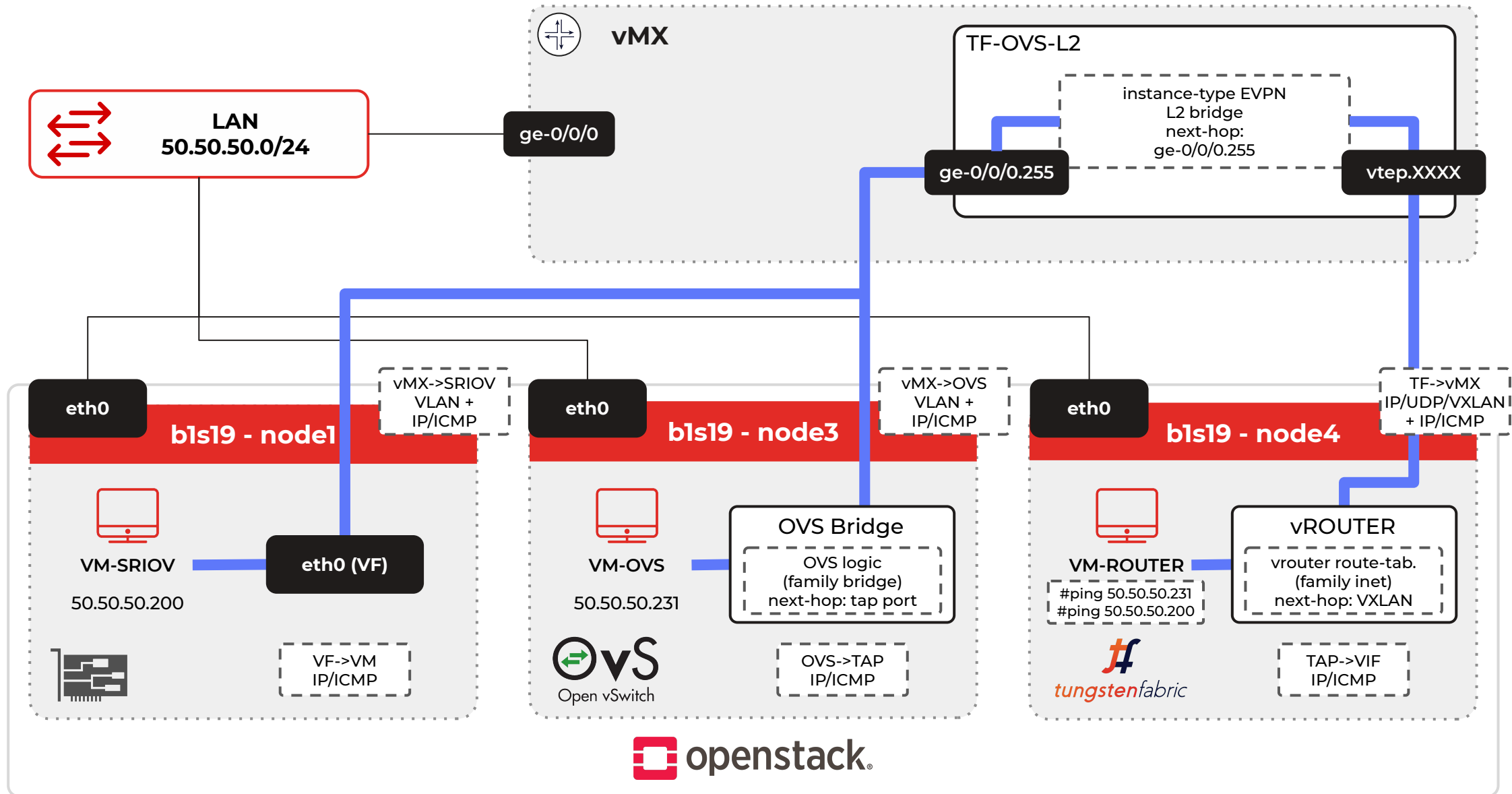
- create instances for each node (OVS, TF and SR-IOV)
- show instances pinging each other
- show instances pinging Internet
- migrate OVS instances to TF



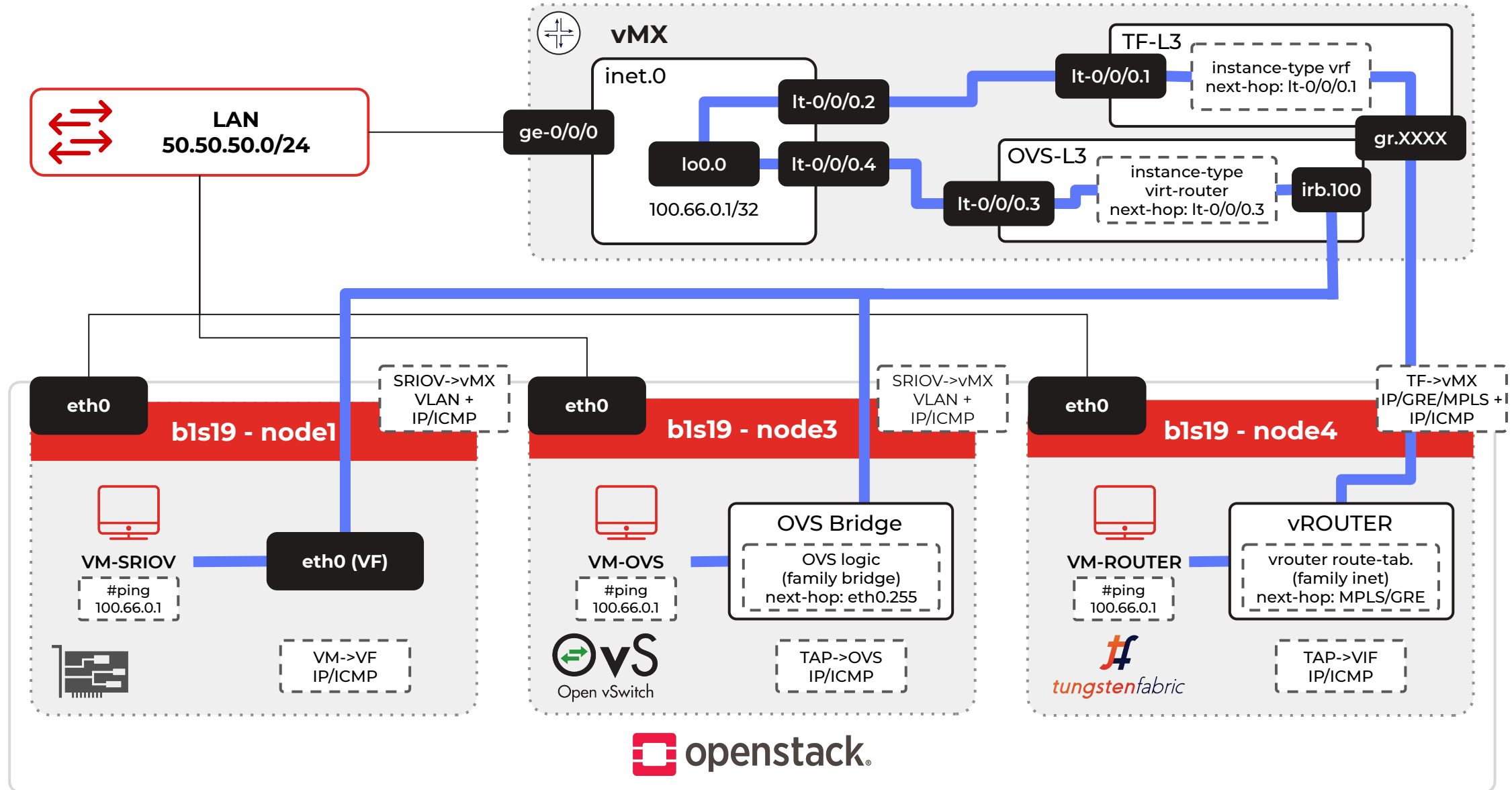
Live Migration Scenario



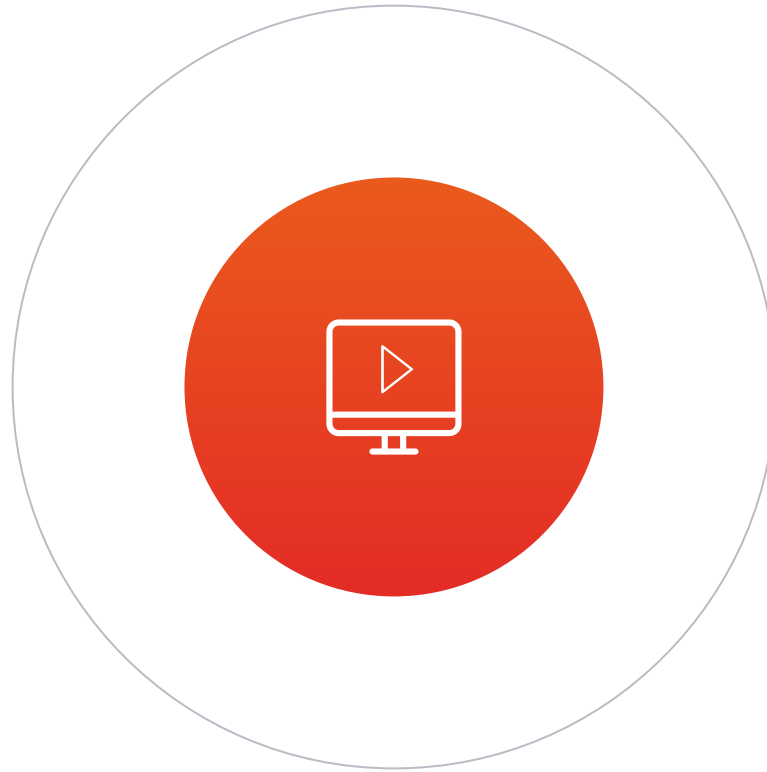
Demo Setup Architecture - L2



Demo Setup Architecture - L3



The Demo



Questions & Answers



Try Tungsten Fabric



[Tungsten Fabric 15 minute deployment with k8s on AWS](#)



THANK YOU.

Contact details:

