OPENSTACK NETWORKING



Who am I?

What are we going to talk about?

What are we going to talk about? OpenStack overview

What are we going to talk about?

OpenStack overview

Focus on networking stack

What are we going to talk about?

OpenStack overview

Focus on networking stack

Public Cloud instance access to internet

What are we going to talk about?

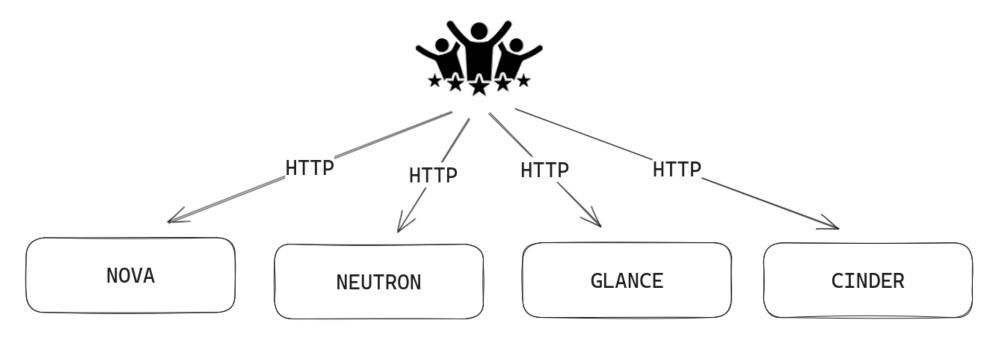
OpenStack overview

Focus on networking stack

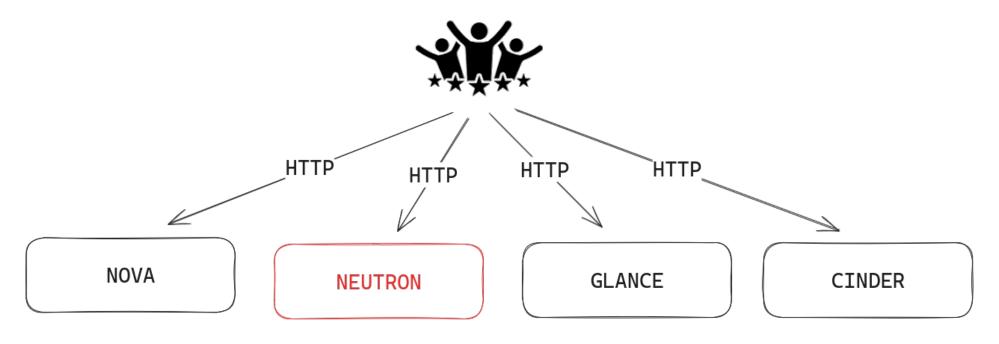
Public Cloud instance access to internet

Public Cloud instance private network

OPENSTACK OVERVIEW



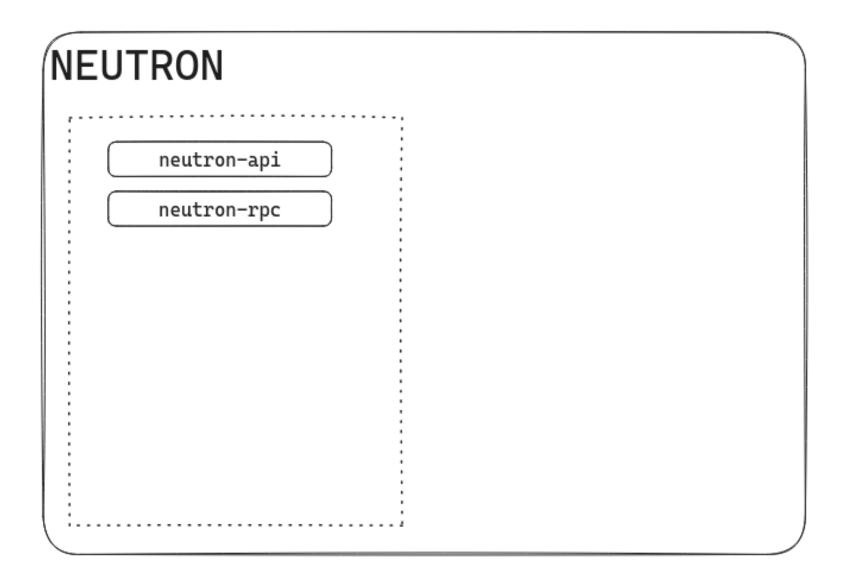
OPENSTACK OVERVIEW

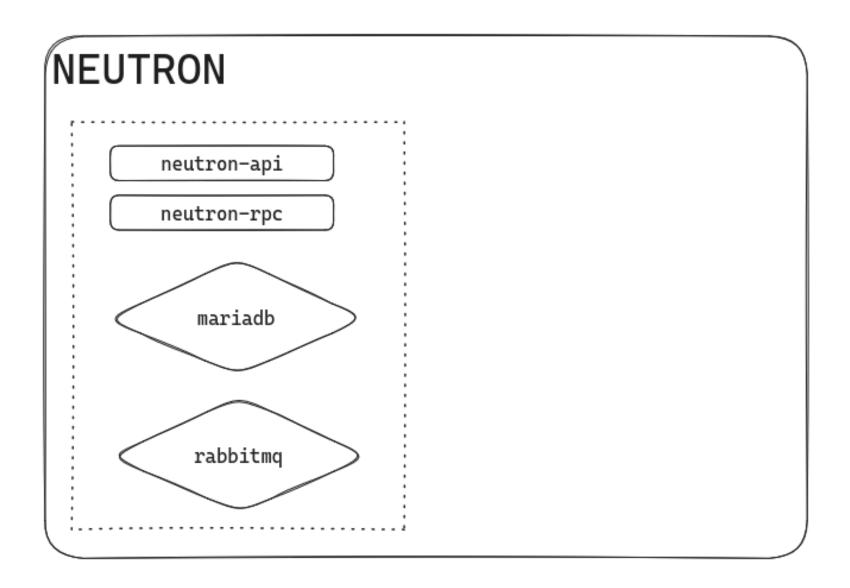


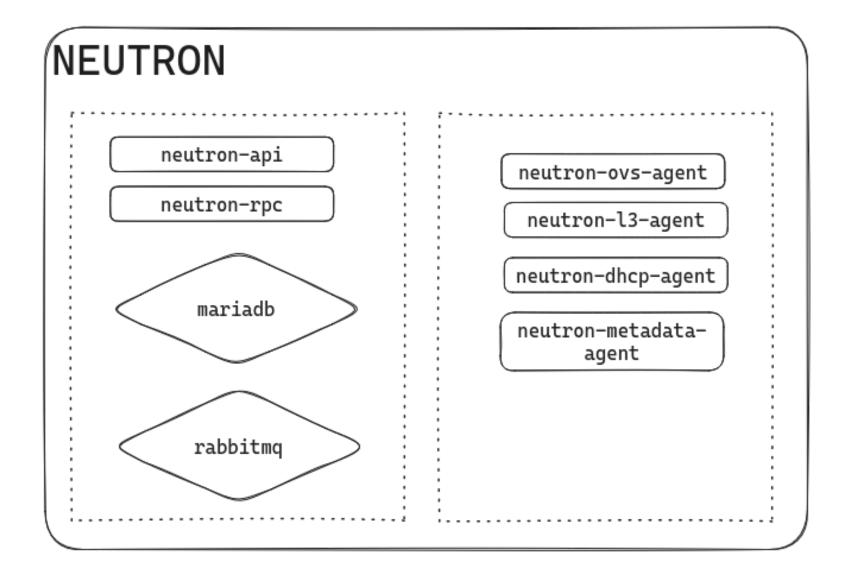
the amazing networking stack

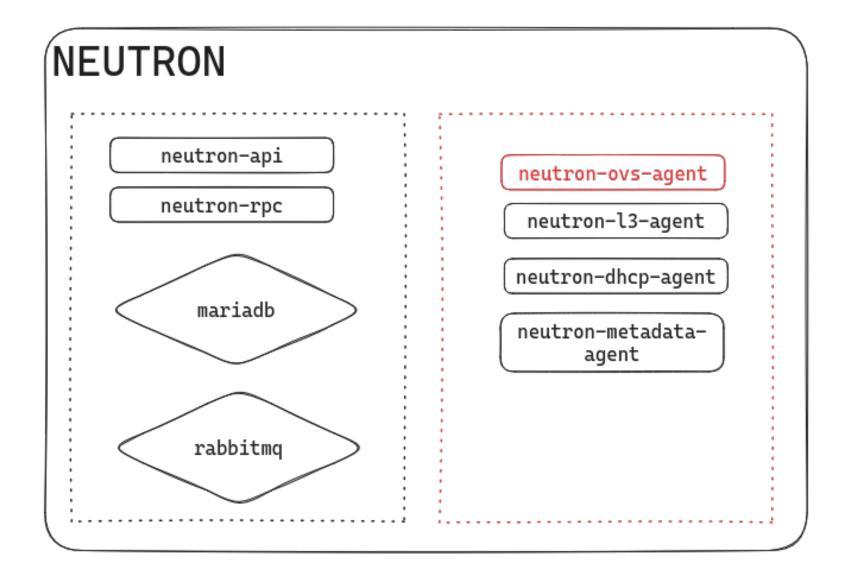
NEUTRON

NEUTRON			









Neutron OpenVSwitch Agents

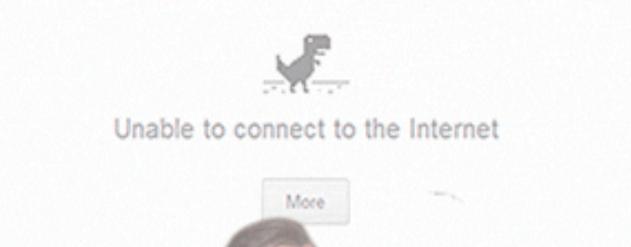
Neutron OpenVSwitch Agents

Upstream: neutron-ovs-agent

neutron-vrack-agent

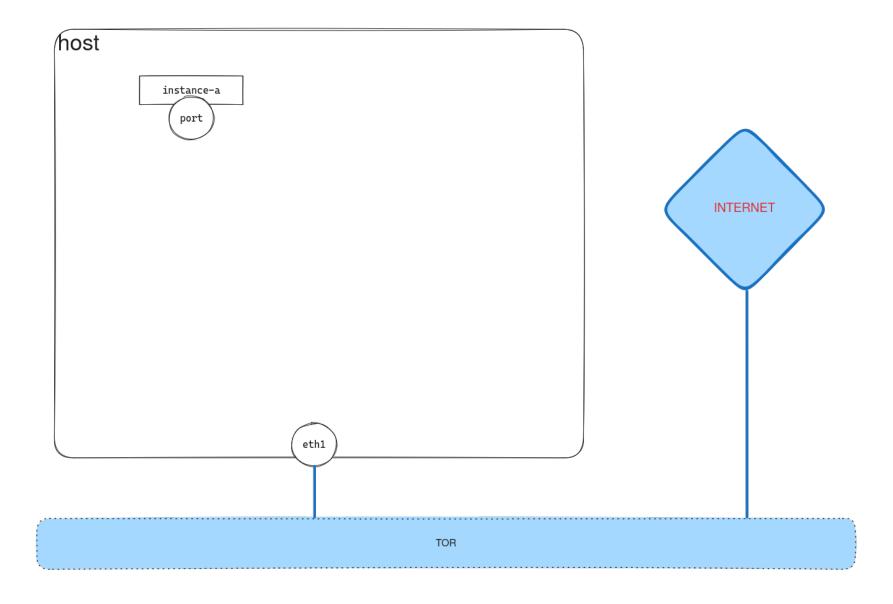
- neutron-vrack-agent
 - neutron-bgp-agent

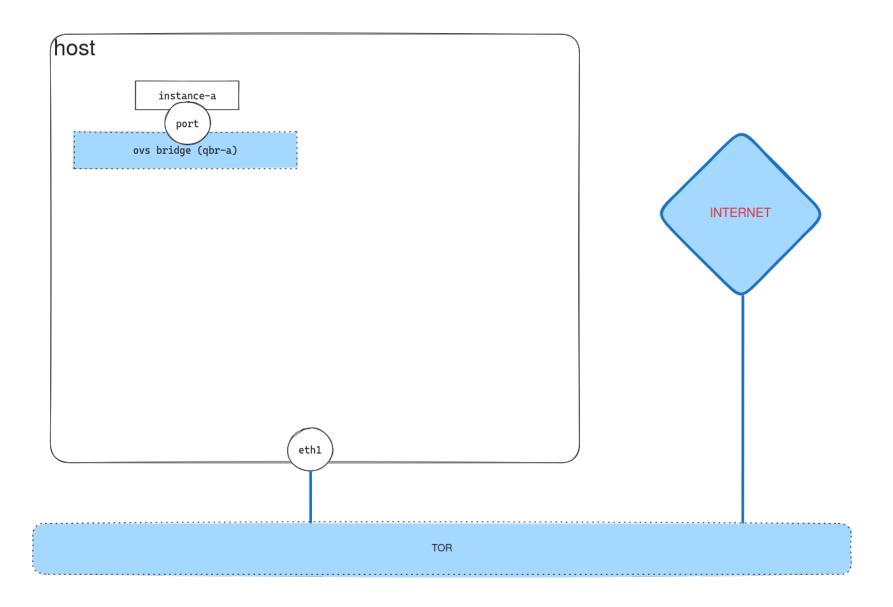
- neutron-vrack-agent
 - neutron-bgp-agent

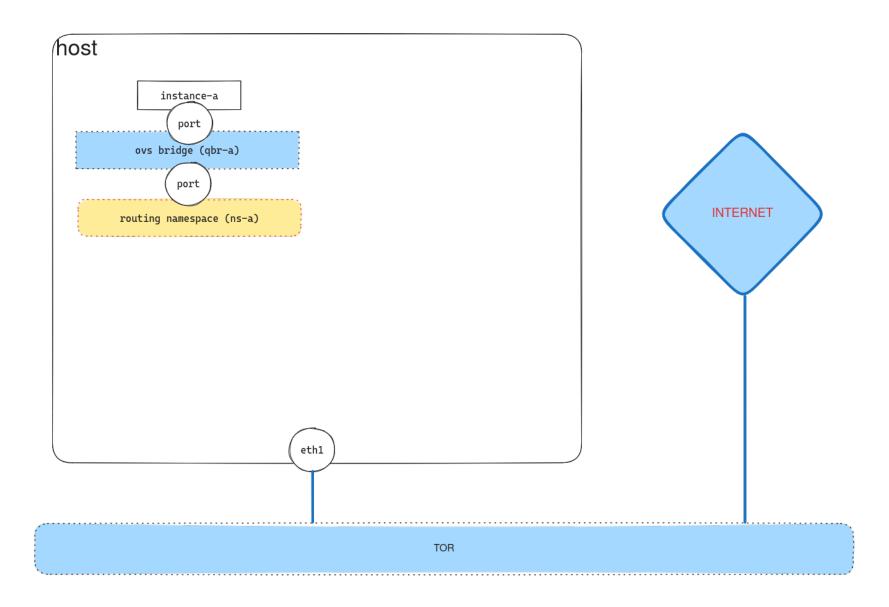


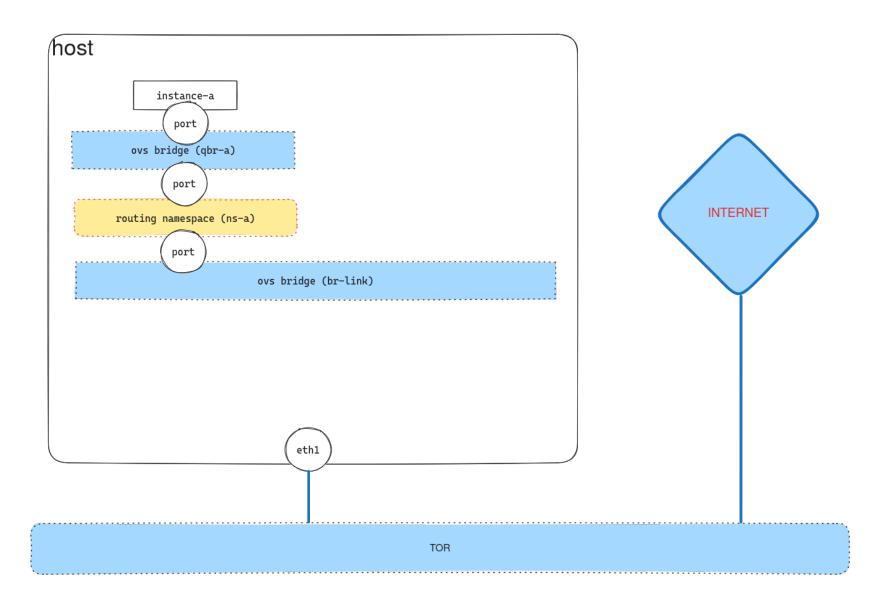
How to access internet from an instance?

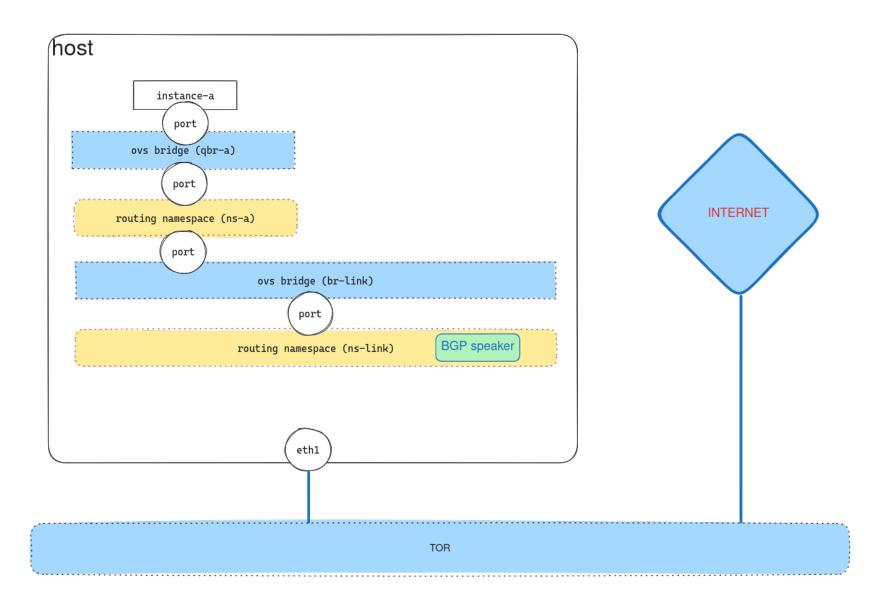


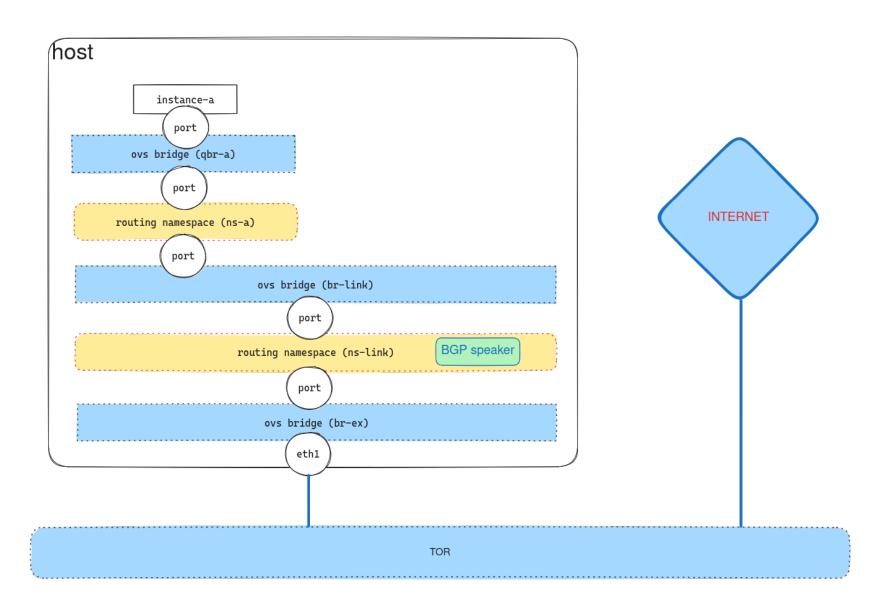


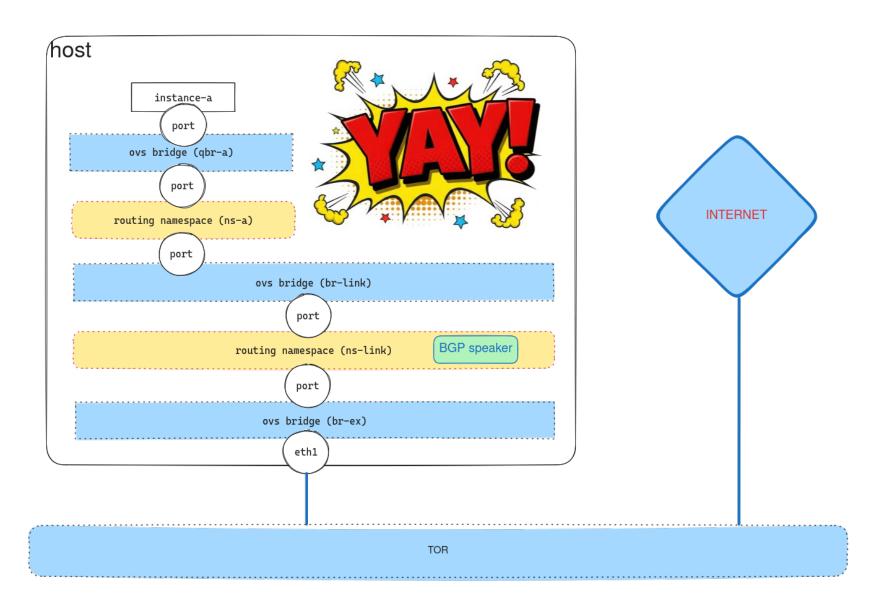


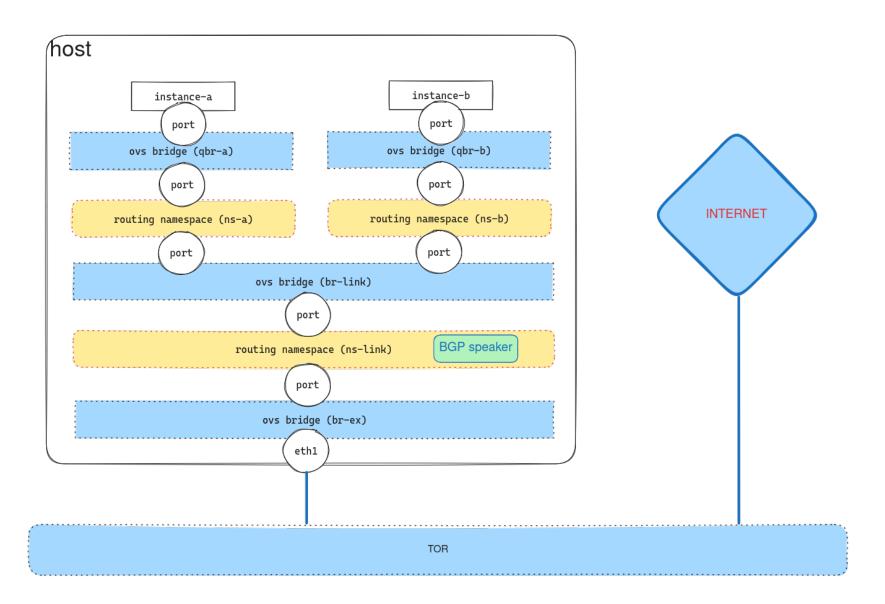


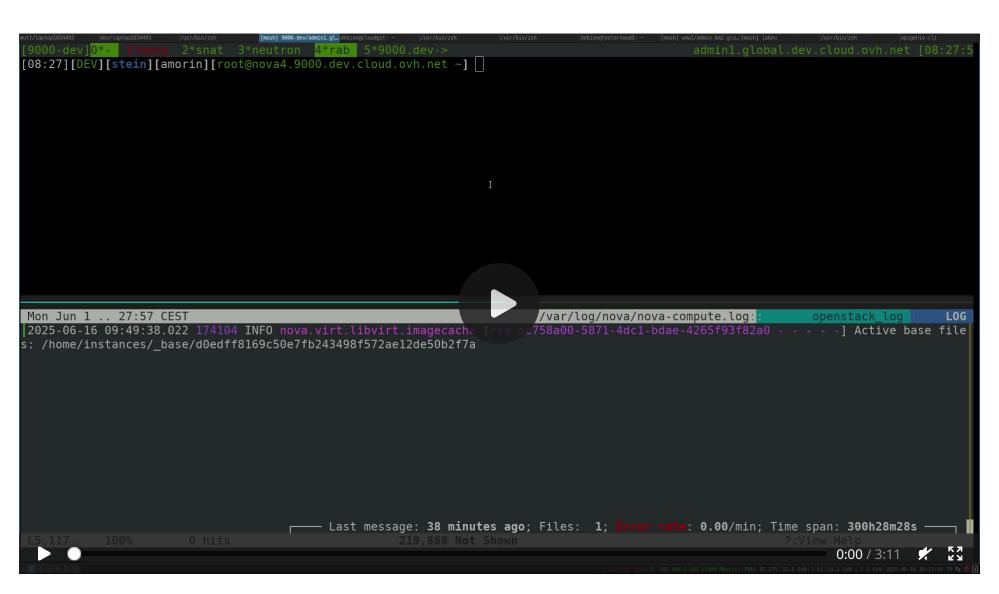


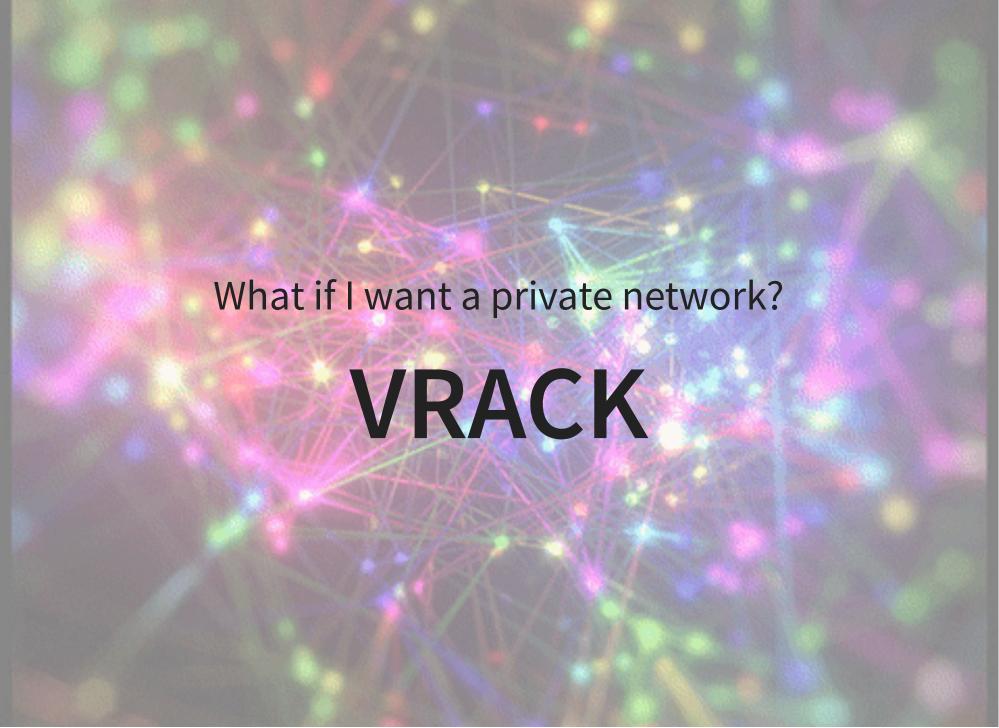


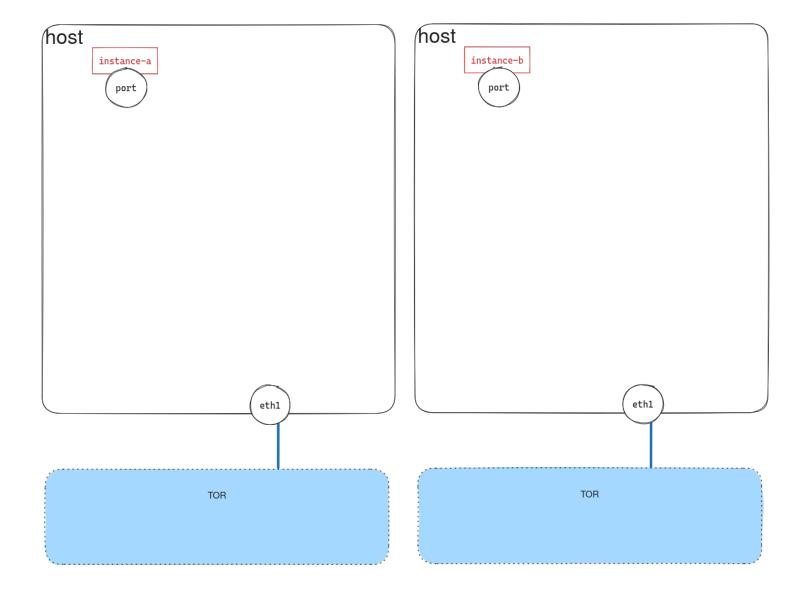


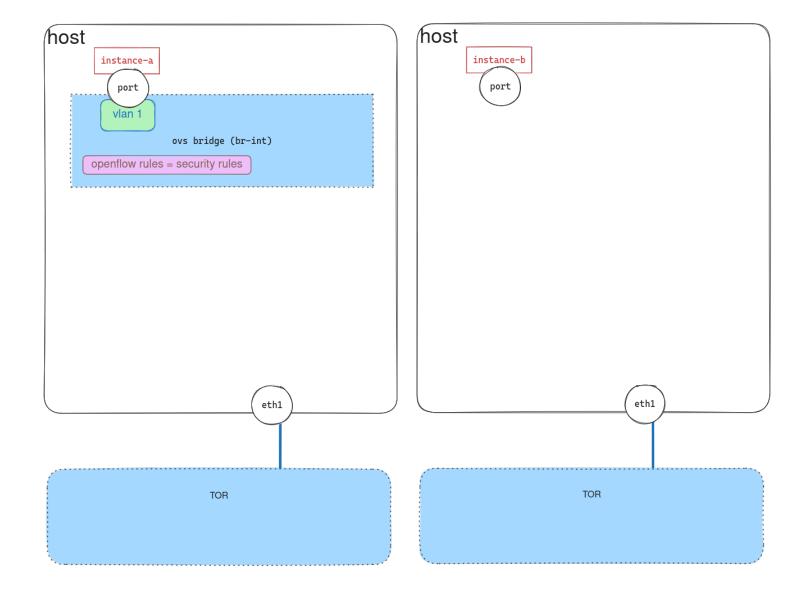


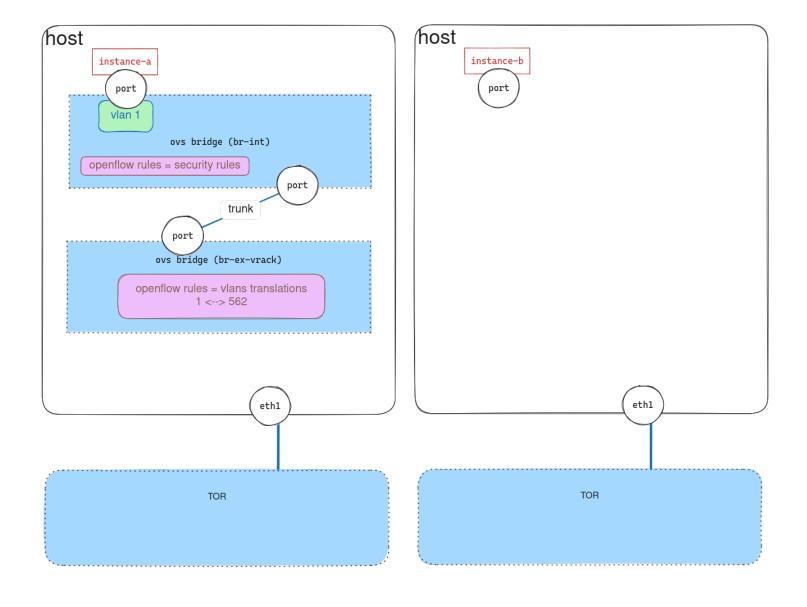


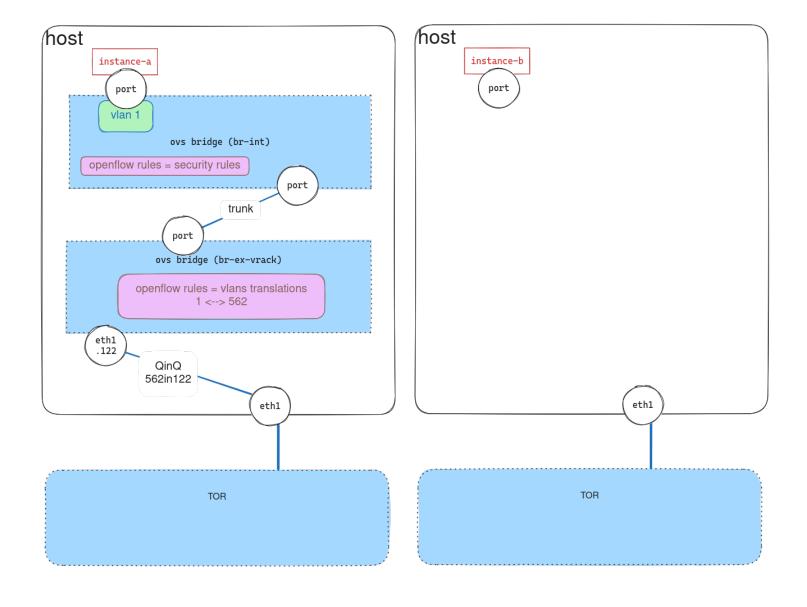


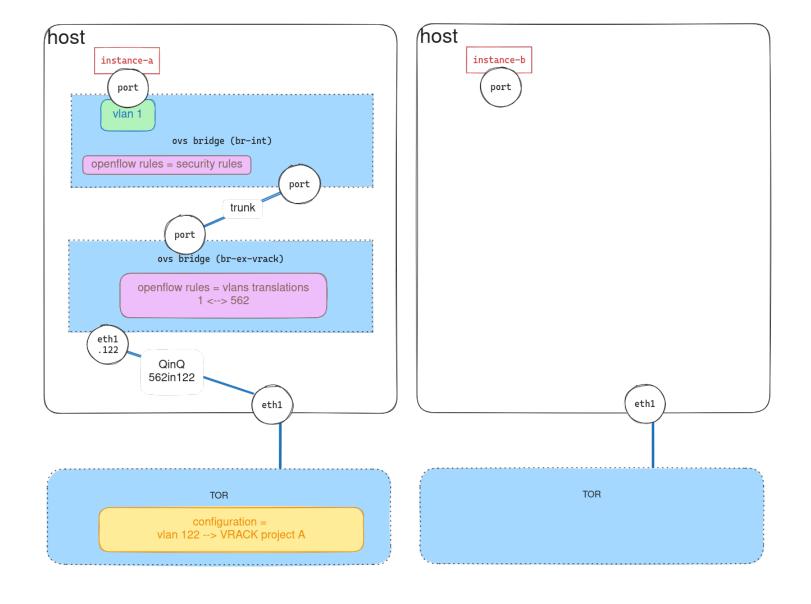


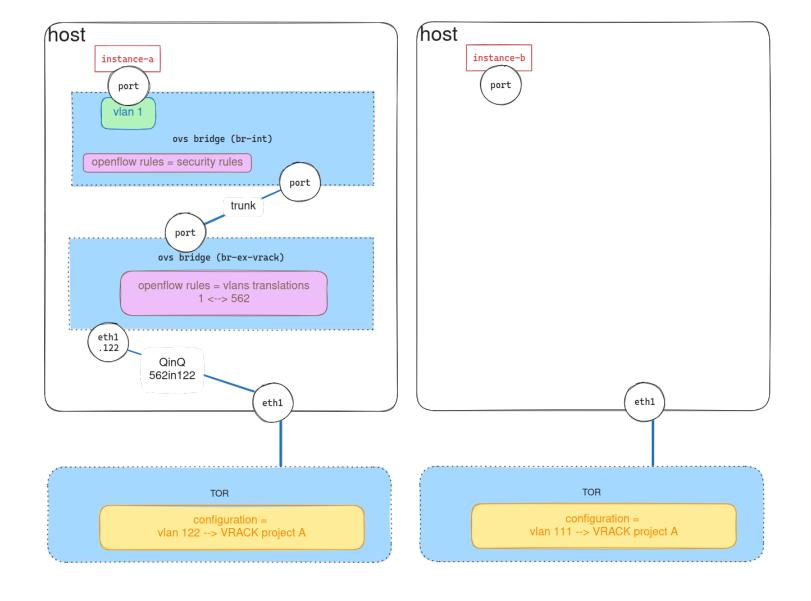


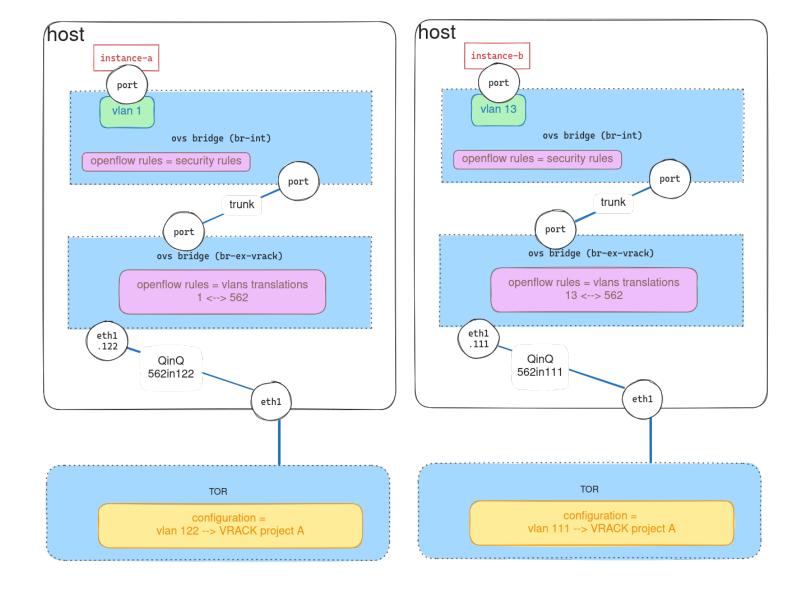


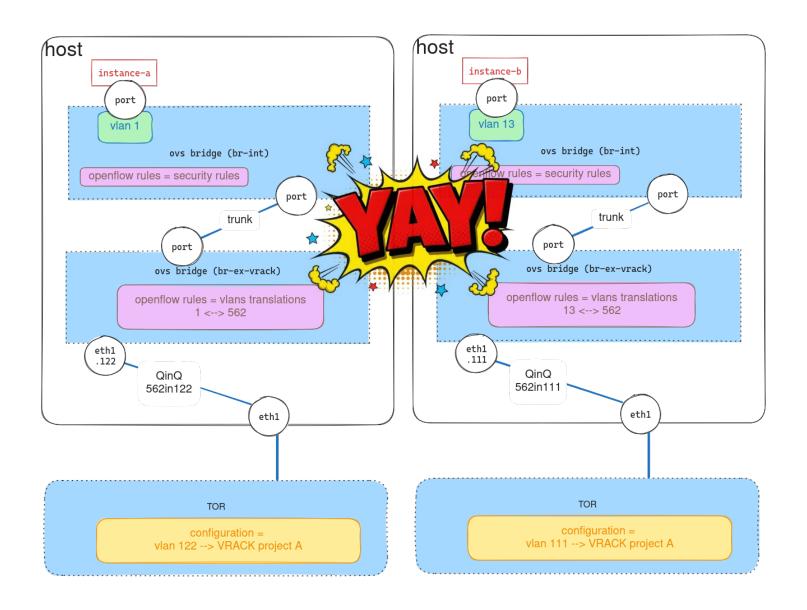


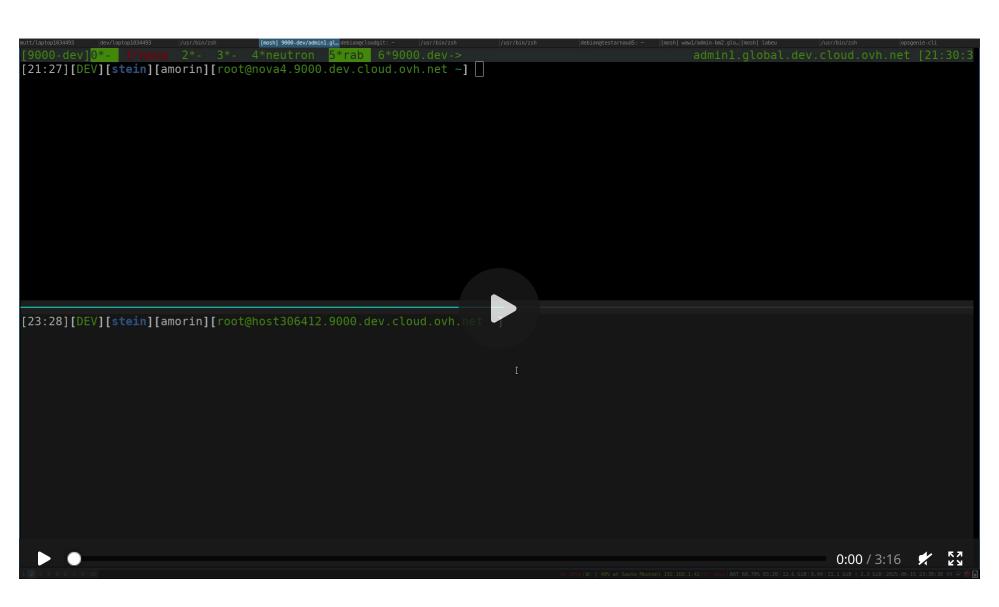






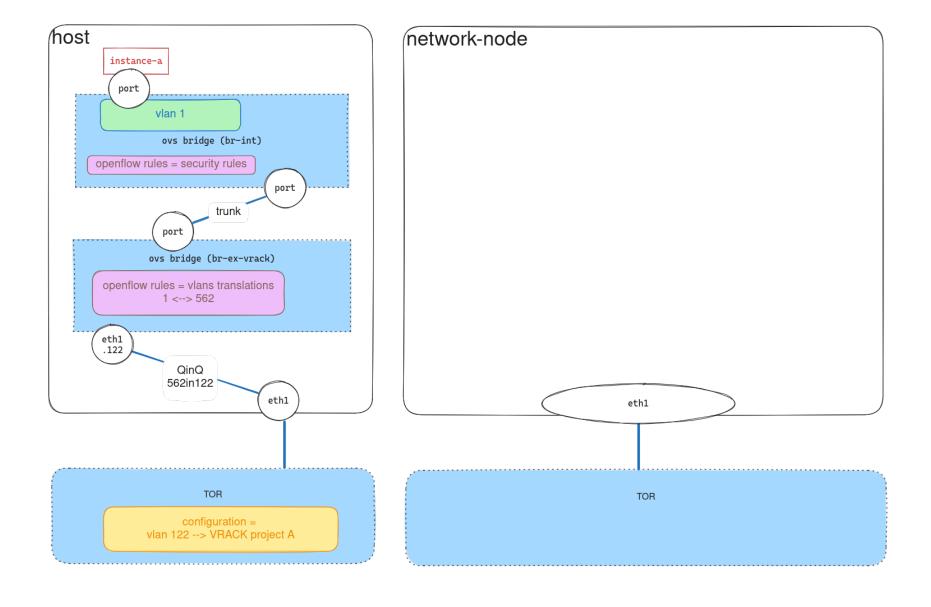


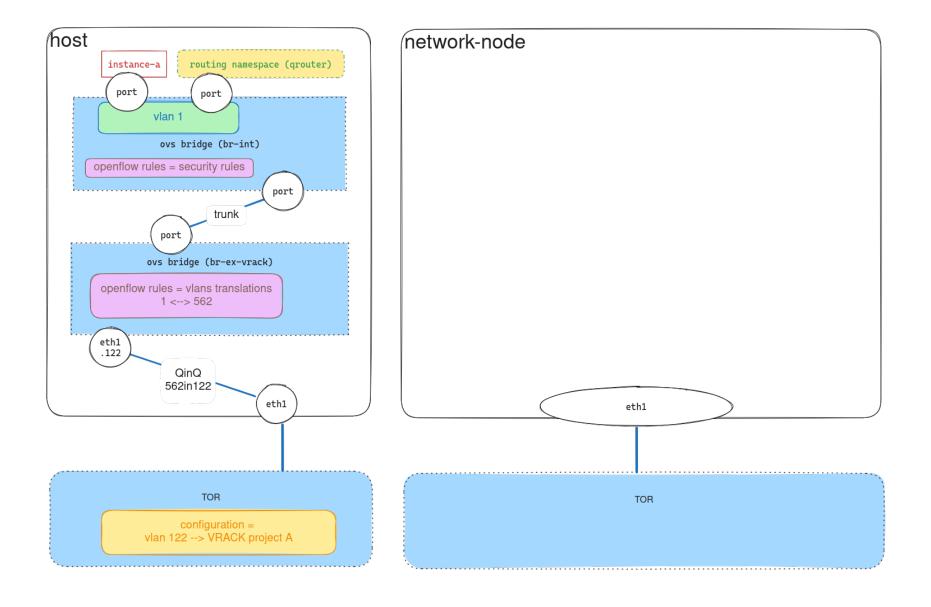


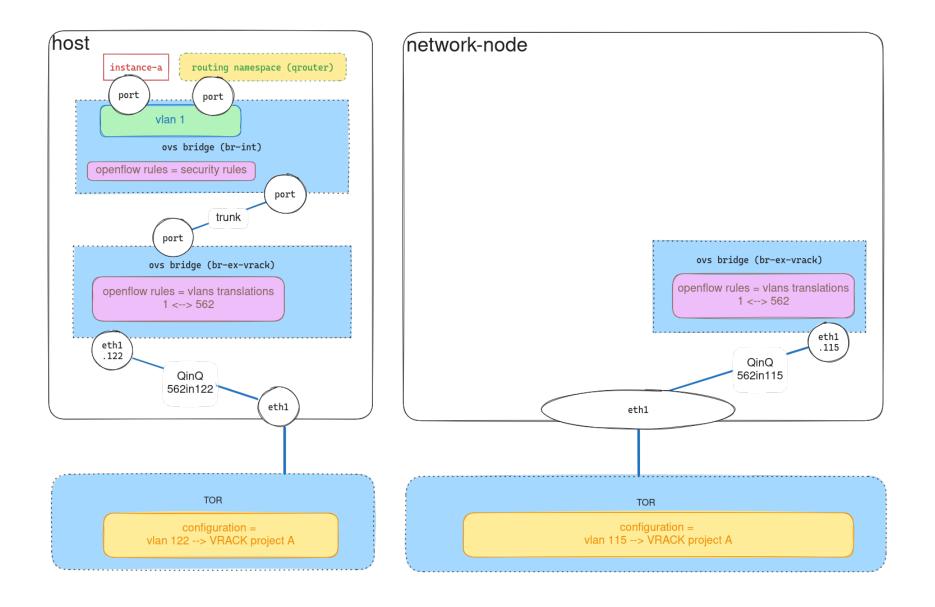


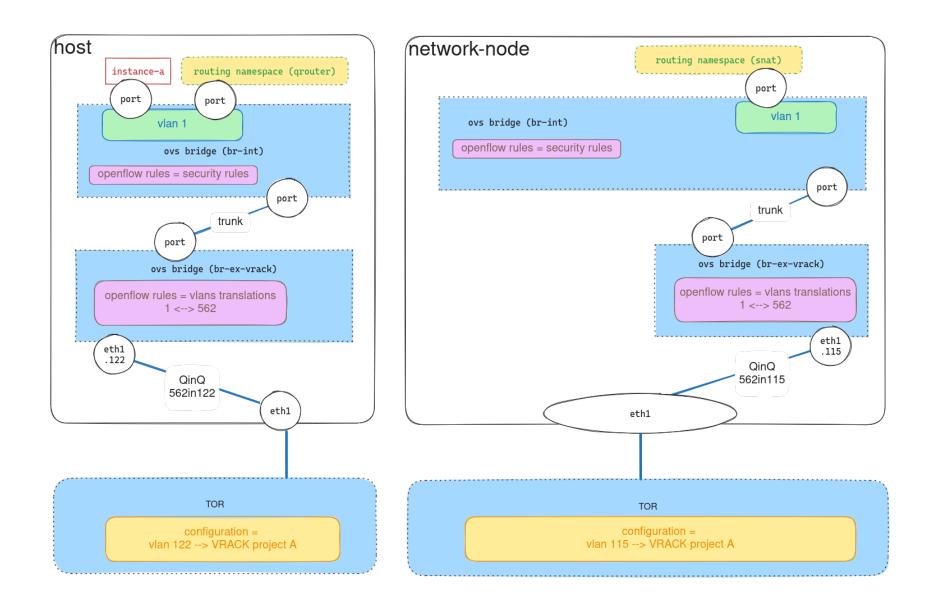
What if I want internet?

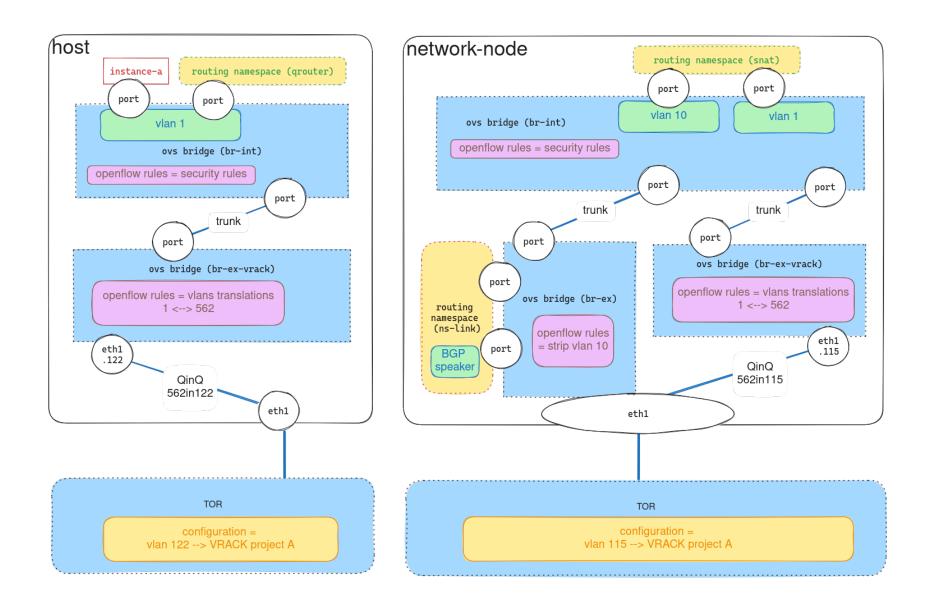
ROUTERS

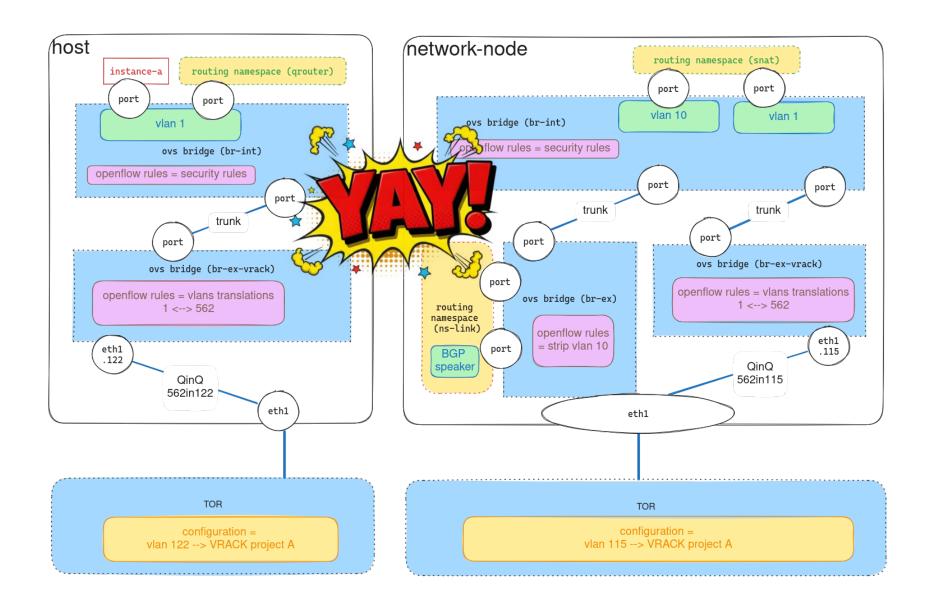


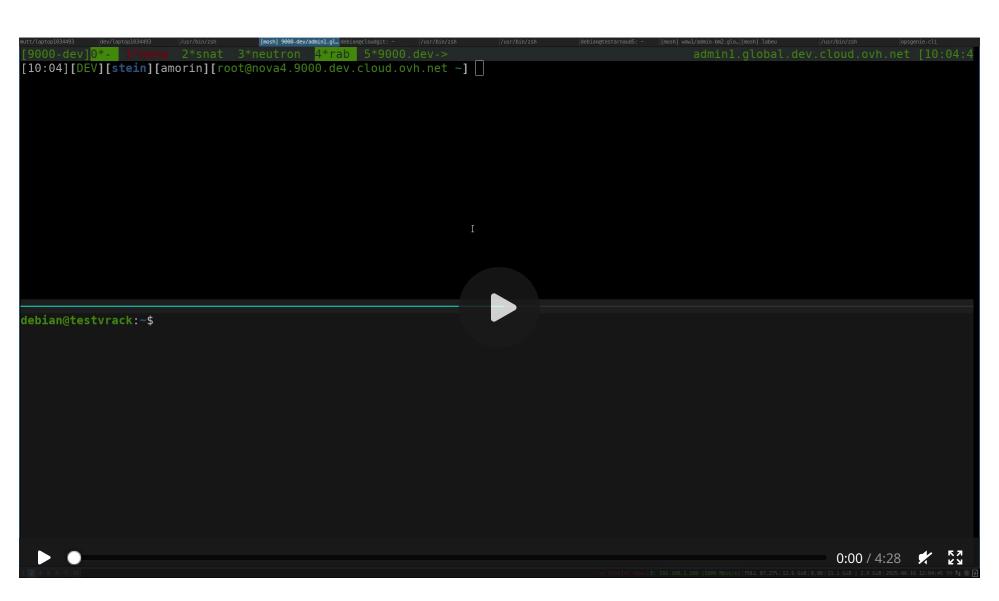












DHCP

DHCP

DNS

DHCP

DNS

Floating IPs

DHCP

DNS

Floating IPs

Load Balancers

DHCP

DNS

Floating IPs

Load Balancers

etc.

