NSX OpenStack Plugin Release Notes

June 2018

Product release notes for the NSX OpenStack Plugin integration of NSX-T 2.2 and OpenStack.

Release Compatibility

For compatibility and system requirements, see the VMware NSX OpenStack Plugin Installation & Configuration Guide.

Enhancements Introduced with NSX-T 2.2

- ENS support
  - No native DHCP
  - No security groups and no port security
  - Unable to attach VLAN-backed network to a T1 router
  - Requires ESXi 6.7
- Support for Guest VLAN tagging
  - Implements OpenStack's network service VLAN transparency feature (https://developer.openstack.org/api-ref/network/v2/index.html#networks)
  - Limitations: no support native DHCP and Metadata Proxy

View Release Notes for previous versions:
- NSX-T 2.1
- NSX-T 2.0
- NSX-T 1.1

NSX-T 2.2 Limitations

- Cannot add more than one subnet to network. (1720786)
- Cannot add two T1 routers to same logical switch. (1597168)
- Can associate a maximum of nine Security Groups per port. This limitation is due to the maximum tags/port in a platform, which is 15, and only nine are available for SG. (1896587)
- Metadata only supports ports 3000-9000.
- QoS currently supports "Shaping" and "DSCP Marking" (not "CoS Marking" nor "Minimum BW") for ESXi and KVM.
- QoS is enforced for traffic leaving the hypervisor (not intra-hypervisor).
- Subnet host routes have effect only on the new VMs in case of creation. This does not hold for updates. That has been addressed in Pike (1939665).