

NSX OpenStack Plugin Release Notes

September 2017

Product release notes for the NSX OpenStack Plugin integration of NSX-T 2.0 and OpenStack.

Release Compatibility

For compatibility and system requirement information, see the [VMware NSX OpenStack Plugin Installation & Configuration Guide](#).

Enhancements Introduced with NSX-T 2.0

- Support for NSX secure Metadata Services.
- Support for MAC learning.
- More comprehensive admin utility methods to address mismatches between the NSX and the Neutron database.

Known Issues

- Allow VM multicast traffic only from OpenStack Newton

NSX-T 2.0 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 9 Security Groups per port. This limitation is due to the maximum tags/port in a platform, which is 15, and only 9 are available for SG. (1896587)
- Unable to send traffic to FIP when the FIP is for a VM on the same subnet (1767976).
- Cannot add more than one subnet to network (1720786).
- Cannot add two T1 routers to same logical switch (1597168).
- Metadata only supports ports 3000-9000.
- Allow VM multicast traffic only from OpenStack Newton.
- DFW Logging only from OpenStack Newton.
- Provider Security Group only from OpenStack Newton.
- Disable Port Security only from OpenStack Newton.
- QoS is currently limited at "Shaping" (not "DSCP Marking" nor "CoS Marking").
- QoS is enforced for traffic leaving the hypervisor (not intra-hypervisor).

- Subnet host routes have effect only on the new VM's in case of creation. This does not hold for updates. That has been addressed in Pike. (1939665)