NeutronNorthbound: Beryllium Release Notes

Major Features

Ideally less than 10 bullets.

- MD-SAL support
- L2GW support
- BGPVPN support
- test coverage improvement

Target Environment

For Execution

- No special requirement but normal opendaylight java environment

For Development

- No special requrement but normal opendaylight java environment

Known Issues and Limitations

- Particular known bugs and workarounds.
- https://wiki.opendaylight.org/view/Weather#Neutron_Northbound_must_be_loaded_before_any_other_JAXB_feature Neutron Northbound must be loaded before any other JAXB feature
    - workaround: load odl-neutron-service before any other jaxb feature. typically in karaf case, featuresBoot in etc/org.apache.karaf.features.cfg will be edited so that featureBoot includes odl-neutron-service in early place
- https://bugs.opendaylight.org/show_bug.cgi?id=3423 Data missing from Neutron NB datastore
- https://bugs.opendaylight.org/show_bug.cgi?id=4527 Security Groups : For "Other Protocol" rule, NeutronSecurityRule.getSecurityRuleProtocol() is set to NULL
- https://bugs.opendaylight.org/show_bug.cgi?id=4550 SecurityGroupCRUD is not updated when a security rule is created/delted

For those bugs, typically from openstack view, it appears like the specific security rules don't work.

- and more https://bugs.opendaylight.org/buglist.cgi?bug_status=__open__&list_id=48155&order=Importance&product=neutron&query_format=specific
- https://bugs.launchpad.net/networking-odl

Changes Since Previous Releases

Bugs Fixed in this Release

Migration from Previous Releases

- Dependent project may see build breakage as yang model change/fix. Which should have already been addressed.

Compatibility with Previous Releases

- Yang Models: some yang models were changed as bug fix. Which doesn't match openstack neutorn data model.

Deprecated, End of Lifed, and/or Retired Features/APIs

The followings are deprecated APIs. No end of lifed, removed or retired api/features.

Deprected Features/API

1. Legacy I*Aware interfaces
    - Downstream projects using these intefaces should use the appropriate MD-SAL model listed above.
2. CRUD Interfaces (Downstream projects should replicate the functionality locally)
    - subnetInUse from INeutronSubnetCRUD
    - macInUse and getGatewayPort from INeutronPortCRUD
3. POJO methods (Downstream projects should be using MD-SAL generated objects)
    - getPortsInSubnet from NeutronSubnet

End of Lifed and/or Retired Features/APIs

None