

IPv6 Upstream ODL

Netvirt Patches

1. ipv6service: Register listeners and configure handlers - <https://git.opendaylight.org/gerrit/#/c/41250/>
2. Support Router Advertisement functionality when an RS is received - <https://git.opendaylight.org/gerrit/#/c/41722/>
3. Support Neighbor Advertisement functionality for router iface - <https://git.opendaylight.org/gerrit/#/c/41821/>
4. Support Service Binding for ipv6service - <https://git.opendaylight.org/gerrit/#/c/42628/>
5. ACL Support for IPv6 IPAM - <https://git.opendaylight.org/gerrit/#/c/44148/>
6. Support for IPv6 East-West Routing - <https://git.opendaylight.org/gerrit/#/c/47520/>
7. IPv6Service Binding using elanTag - <https://git.opendaylight.org/gerrit/#/c/43477/>
8. IPv6 support in Security Groups - <https://git.opendaylight.org/gerrit/#/c/32347/>
9. Add IPv6 SecurityGroup tests - <https://git.opendaylight.org/gerrit/#/c/33717/>
10. Initial changes for IPv6 Service - <https://git.opendaylight.org/gerrit/#/c/40571/>
11. Skip v4 subnets/ports in ipv6service - <https://git.opendaylight.org/gerrit/#/c/42049/>
12. Add a match to nd_target for IPv6 NS punt flows - <https://git.opendaylight.org/gerrit/#/c/42916/>
13. Fix exception in IPv6 ifacelistener for a tunnel add notification - <https://git.opendaylight.org/gerrit/#/c/43061/>
14. Optimize iface search in transmitRouterAdvertisement - <https://git.opendaylight.org/gerrit/#/c/42965/>
15. Fix exception in IPv6Service for non-neutron ports - <https://git.opendaylight.org/gerrit/#/c/43847/>
16. Fix IndexOutOfBoundsException when a port with IPv6 address is deleted - <https://git.opendaylight.org/gerrit/#/c/44500/>
17. Bug 6515: Fix NPE for an IPv6 subnet without gateway - <https://git.opendaylight.org/gerrit/#/c/44592/>
18. Bug 6532: Fix ACL IPv6 VM to VM communication on same network - <https://git.opendaylight.org/gerrit/#/c/44653/>
19. Reduce IPv6 Periodic Unsolicited RA timer interval - <https://git.opendaylight.org/gerrit/#/c/44955/>
20. Mask IPv6Prefix in ACL flows - <https://git.opendaylight.org/gerrit/#/c/45728/>
21. Bug 6691: Fix exceptions in nat-service for a dual-stack network - <https://git.opendaylight.org/gerrit/#/c/45472/>
22. Bug 7250: Add IPv6 integration tests - <https://git.opendaylight.org/gerrit/#/c/48728/>
23. Bug 7283: Fix exception in VpnInterfaceManager for IPv6 subnets - <https://git.opendaylight.org/gerrit/#/c/48895/>
24. Netvirt IT: Assert return value of ping in Netvirt IT tests - <https://git.opendaylight.org/gerrit/#/c/48735/>
25. Bug 7229: Allow certain ICMPv6 NDP packets by default - <https://git.opendaylight.org/gerrit/#/c/49775/>
26. Bug 7476: Configure Reachable Time in IPv6 Router Advt - <https://git.opendaylight.org/gerrit/#/c/50089/>
27. Bug 7520: Avoid creating auto-tunnels for VLAN tenant networks - <https://git.opendaylight.org/gerrit/#/c/50268/>
28. Spec to support IPv6 North-South support for Flat/VLAN Provider Network - <https://git.opendaylight.org/gerrit/#/c/49909/>
29. Yang changes for IPv6 Neighbor Discovery Support - <https://git.opendaylight.org/gerrit/#/c/52661/>
30. Update IPv6 N-S spec with neighbor-discovery.yang changes - <https://git.opendaylight.org/gerrit/#/c/52673/>
31. Bug 7952: ACLService to treat EthernType=IPv6 and Protocol=icmp as a request for ICMPv6 - <https://git.opendaylight.org/gerrit/#/c/53137/>
32. Fix ACL IPv6 flows to match on ipv6_src/ipv6_dst for remote SG - <https://git.opendaylight.org/gerrit/#/c/53470/>
33. Bug 7979: Fix issue where VM is unable to acquire address during IPv6 tests - <https://git.opendaylight.org/gerrit/#/c/53389/>
34. Support for sending Neighbor Solicitation for RouterGWMacAddress resolution - <https://git.opendaylight.org/gerrit/#/c/52861/>
35. IPv6 Cluster Support - <https://git.opendaylight.org/gerrit/#/c/66388/>

GENIUS Patches

1. Add ICMPv6 nd_target match - <https://git.opendaylight.org/gerrit/#/c/42704/>
2. Fix icmpv6 matchbuilder - <https://git.opendaylight.org/gerrit/#/c/42328/>
3. Update NWConstants with IPv6 table-id and cookie - <https://git.opendaylight.org/gerrit/#/c/42764/>
4. Add utility apis - <https://git.opendaylight.org/gerrit/#/c/48039/>