OpenSwitch

OPX Network Operating System 3.1.0

Release Notes

This information describes the new features and known issues for OPX, release 3.1.0. For detailed information about how to install, use, and develop applications for OPX, see https://github.com/open-switch/opx-docs/wiki for complete information.

New in this release

- Added support for S5232F-ON, S5248F-ON, and S5296F-ON switches
- VRF route leaking
- Static L2 VxLAN
- S5148-ON ingress ACL improvement
- OPX new configuration utilities
- Enhanced fanout utilities to support Z9264F-ON and S5200-ON

Restrictions

- OPX is supported only on an ONIE-enabled switch
- OPX is supported on the listed hardware platforms identified at https://www.openswitch.net/hardware

Known issues

S4248FB-ON and S4248FBL-ON platforms:

- Traffic does not pass for L3 VLANs over LAGs (aggregated links consisting of more than one port). This is being investigated and will be fixed in an update.

Known software behavior

Interface fan-out:

- For the Z9264F-ON, interfaces are organized by hybrid-group; only restricted-mode hybrid-groups may be broken out to x4 interfaces. These settings are manipulated with the `opx-config-hybrid-group` command.
- For the S5248F-ON and S5296F-ON, interfaces are organized by port-group and must share the same speeds. They must be fanned-out with the `opx-config-fanout` command using the `pg_name` argument.

Fixed issues from previous release

Z9264F-ON:

- The fanout must be done using the `opx-config-hybrid-group` command

Installation

See https://github.com/open-switch/opx-docs/wiki for complete installation information.

Upgrade

Run the following commands to obtain upgrades for OpenSwitch OPX software packages:

```
sudo apt-get update
sudo apt-get dist-upgrade
sudo reload
```