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