

EFOS 3.7

Build Version 3.7.0.4 Release Notes

Release Date: 04 January 2021

Contents

1	Overview	2
2	Deliverables	2
	New Features in EFOS 3.7.0.4	2
	Defect Fixes in 3.7.0.4	3
3	Items Not Included in Delivery	4
4	Platform Support	4
5	Known Limitations	4
6	Known Issues in EFOS 3.7.0.4	4

1 Overview

EFOS 3.7.0.4 supports switching and routing for datacenter deployments.

2 Deliverables

Date of Delivery

EFOS release 3.7.0.4 delivered on 04 January 2021

Distribution Method

EFOS 3.7.0.4 distributed via the Broadcom [Box](#) site

Items included in delivery

Following are the items included in this delivery:

- FIPS Deliverables:
 - FastPath-EFOS-esw-qcp_td3-qcp_td3_x86_64-LX415R-CNTRF-BD6IOQH_FIPS-mib-support.tar.bz2
 - FastPath-EFOS-esw-qcp_td3-qcp_td3_x86_64-LX415R-CNTRF-BD6IOQH_FIPS-mibs.tar.bz2
 - FastPath-EFOS-esw-qcp_td3-qcp_td3_x86_64-LX415R-CNTRF-BD6IOQH_FIPSr3v7m0b3.stk
 - onie-installer-x86_64
 - open_adk-FastPath-EFOS-esw-qcp_td3-qcp_td3_x86_64-LX415R-CNTRF-BD6IOQH_FIPSr3v7m0b3.tar.bz2
- Non-FIPS Deliverables
 - FastPath-EFOS-esw-qcp_td3-qcp_td3_x86_64-LX415R-CNTRF-BD6IOQH-mib-support.tar.bz2
 - FastPath-EFOS-esw-qcp_td3-qcp_td3_x86_64-LX415R-CNTRF-BD6IOQH-mibs.tar.bz2
 - FastPath-EFOS-esw-qcp_td3-qcp_td3_x86_64-LX415R-CNTRF-BD6IOQHr3v7m0b3.stk
 - onie-installer-x86_64
 - open_adk-FastPath-EFOS-esw-qcp_td3-qcp_td3_x86_64-LX415R-CNTRF-BD6IOQHr3v7m0b3.tar.bz2

New Features in EFOS 3.7.0.4

- FIPS feature is added in this release.
 - ONIE installation is the only recommended method to switch from FIPS to non FIPS and vice versa.
 - Please refer to the “EFOS FIPS Upgrade Procedure” for more details
- CS00010414189 Support for Qos Policer configs to use percentage of the data rate as well, along with absolute numbers.

EFOS Release Notes

- CS00011269926 A Log to show what hosts are attempting to initiate ssh session for tracking
- EFOS GPL compliance: commands to display GPL and LGPL
- New Optics/DACs:
 - 100G AFBR-89BDDZ
 - 100G AFBR-89CDHZ
 - 100G AFCT-89SLDZ
 - 25G AFBR-734TMZ
 - 4 New 100G DACs
 - 0.5m – NetApp part numbers: X6566B-05-R6 / 112-00297
 - Amphenol – Part numbers: 628620000 / 616310000
 - Molex – Part numbers: 747529718 / 747529663
 - 2m – NetApp part numbers: X6566B-2-R6 / 112-00299
 - Amphenol – Part numbers: 628620002 / 616310002
 - Molex – Part numbers: 747529719 / 747529665
 - 3m – NetApp part numbers: X6566B-3-R6 / 112-00300
 - Amphenol – Part numbers: 628620003 / 616310003
 - Molex – Part numbers: 747529720 / 747529666
 - 5m – NetApp part numbers: X6566B-5-R6 / 112-00301
 - Amphenol – Part numbers: 628620005 / 616310005
 - Molex – Part numbers: 747529721 / 747529667

Defect Fixes in 3.7.0.4

- CS00010587949 EFOS cannot auto-negotiate at 40G.
 - EFOS 3.7 can support Auto-negotiation at 40G speed.
- CS00010588156 EFOS cannot bring up 100G Molex or Amphenol CR4 DACs
- CCS00010804298 Admin password with special characters without ""
 - EFOS 3.7 supports admin password to contain characters without needing to enclose the password in quotes (“”).
- Internal Defect: Occasionally upon Plug-out and Plug-in of SFP modules, the LED stays lit.
- Internal Defect: Interactive SSH support in FIPS Build does not exist.

3 Items Not Included in Delivery

The following items are specifically not included in this delivery and may be considered for future deliveries:

- Not Applicable

4 Platform Support

This release contains support for the following platforms:

- Quanta BES-53248

5 Known Limitations

- No known limitations

6 Known Issues in EFOS 3.7.0.4

Internal Defect: If a switch was downgraded from EFOS 3.7.x.x. to 3.4.x.x. and is then upgraded again to 3.7.x.x the switch might report an “image validation failure” on bootup and fails to boot.

Recovery:

Use the ONIE installation procedure to install the software image. This procedure requires the ONIE installation package.