

## **EFOS 3.10**

### **Build Version 3.10.0.3 Release Notes**

Release Date: 26 October 2022

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## **1 Overview**

EFOS 3.10.0.3 supports switching and routing for datacenter deployments.

## **2 Deliverables**

### **Date of Delivery**

EFOS release 3.10.0.3 delivered on 26 October 2022

### **Distribution Method**

EFOS 3.10.0.3 distributed via the Broadcom Box site

### **Items included in delivery**

Following are the items included in this delivery:

- **FIPS Deliverables:**
  - EFOS-3.10.0.3-FIPS-mib-support.tar.bz2
  - EFOS-3.10.0.3-FIPS-mibs.tar.bz2
  - EFOS-3.10.0.3-FIPS.stk
  - onie-installer-EFOS-3.10.0.3-FIPS
  - open\_adk-EFOS-3.10.0.3-FIPS.tar.bz2
- **Non-FIPS Deliverables**
  - EFOS-3.10.0.3-mib-support.tar.bz2
  - EFOS-3.10.0.3-mibs.tar.bz2
  - EFOS-3.10.0.3.stk
  - onie-installer-EFOS-3.10.0.3
  - open\_adk-EFOS-3.10.0.3.tar.bz2

### New Features in EFOS 3.10.0.3

- OpenSSH/OpenSSL Upgraded to latest version
- Unlock a locked-user, automatically after a specific lockout time.
- Support to store log files to external USB drive.
- Support for NTP and NTPv6
- FP-282699: Copy script file using USB
- Egress sFLOW
- Secure aging for PML
- ERSPAN enhancements
- Prefix-lists for Multicast RP

### Defect Fixes in 3.10.0.3

- FP-282340: MAC ACL cannot be configured in port-profile.
- FP-283119: Long username is shown twice in the output of "show users accounts detail".
- FP-283020: Changes (remove/add new TLS versions) required for the command "ip http secure-protocol".

## 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:

- BES-53248

## 5 Known Limitations

- No known limitations

## 6 Known Issues in EFOS 3.10.0.3

**FP-283596:** ERR truncating integer value > 32 bits' pops up on the switch after 497 days or later

**Note:** This is a known limitation with netsnmp on the standard MIB, as the MIB definition is defined as a 32 bit integer.

**Internal Defect:** AXM765 module has 2 versions. Occasionally, AXM765v1 doesn't get detected or come up during a reboot. Occasionally, AXM765v2 takes longer to come up on reboot or user may see a single link flap on reboot.

**Workaround:** For AXM765v1, User can reboot the device again or plug-out and plug-in the SFP. This is a known issue with the specific SFP. For AXM765v2, there is no need for a workaround and it's seen only during reboot.

**Internal Defect:** User configured auto-negotiation/speed settings are not retained after save and reload for some 40G/100G ports.

**Workaround:** With the auto-detect/auto-config feature, the user configured settings are overridden after save/reload. By default, the auto-config settings should work. If user wants to override the value, the port must be re-configured after re-load.

**Internal Defect:** When copper SFPs are used with FIXED speeds, the remote port doesn't go down, even if the local port is admin shutdown.

**Note:** This is a limitation with only the Copper SFPs, when operating in FIXED speeds. when a port is put shutdown, Copper 1G/10G SFP in Fixed speed does not put the complete line down (This is the PHY on the copper SFP to partner and not System to Line, so it continued to send the pulses to the peer port) which cause the link up on other side.

**Internal Defect:** If a switch is downgraded from EFOS 3.7.x.x or later to 3.4.x.x and then upgraded again to 3.7.x.x/3.8.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.

**Note 1:** Password Lockout feature is disabled by default from EFOS 3.8 onwards.

**Note 2:** digital signing for image download is enabled by default from EFOS 3.4.4.4 onwards.