



AscenLink LinkOS V7.2.8 B7235

Release Notes



AscenLink Release Notes – LinkOS V7.2.8 B7235

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Revision 1

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Introduction

Summary

This LinkOS firmware V7.2.8 B7235 is the eighth build for Fortinet AscenLink V7.2. The major purpose of the release is to upgrade PHP version for AscenLink to fix the security vulnerabilities. Moreover, issues about CLI command *jfram*, logs for NAT and statistics of tunnel traffic are fixed in this release. This document provides a list of resolved issues, upgrade procedures and support information for AscenLink LinkOS V7.2.8 B7235. Please review all sections of this document prior to upgrading your device.

Supported Models

LinkOS **V7.2.8 B7235** is the latest AscenLink firmware version released for AscenLink-700, AscenLink-5000 and AscenLink-6000.

Compatibility

LinkOS **V7.2.8 B7235** provides support and is compatible with all versions of LinkReport. AscenLink-6000 requires LinkOS V6.1, or higher.

Resolved Issues in V7.2.8 B7235

Mantis ID 292937

The PHP extension "fileinfo" supported in AscenLink is disabled to avoid the vulnerability CVE-2014-0207 (insufficient boundary check on the function `cdf_read_short_sector`).

Mantis ID 292947

The CLI command *jfram* does not support VLAN, aggregated and redundant ports. However, it missed the error-checking so that *jfram* became abnormal if the LAN port was mapped to a VLAN, aggregated or redundant port.

Mantis ID 293119

The log function was enabled for a NAT rule whose action was No NAT (packets that match the rule will not get its address translated), but system generated no logs for it. AscenLink is designed to log the NAT events when an address is translated. Since it is confused to enable log function for "No NAT" events, the checkbox "L" will become unavailable from this release if field "Translated" is configured as "No NAT".

Mantis ID 293721

The numerical graduations (Kbps on the Y-axis) of traffic distributions in page Statistics > Tunnel Traffic was truncated if the transferred tunnel traffic was more than 100 Mbps. This was a typesetting mistake of Web UI.

Mantis ID 294661

The PHP employed by AscenLink is updated to version 5.5.29 to fix the vulnerabilities CVE-2006-7243, CVE-2014-0207, CVE-2014-3668, CVE-2014-3710, CVE-2015-0235 and CVE-2015-2325.

Firmware Upgrade Procedures

Upgrading Information

- Note that only versions later than V6.5 B4175 (V6.5 B4175 is included) are supported for upgrade to V7.2.8 B7235. For V7.0 (B5338 and B5246), please update to V7.0 B5526 **first** before updating to V7.2.8 B7235.
- System with demonstration licenses cannot be upgraded to R7.1 and later. Please contact Fortinet at ascenlink@fortinet.com for information on updating these systems to NFR units.
- AscenLink's firmware image and upgrade license key are available from FortiCare at <https://support.fortinet.com> once customer's AscenLink Serial Number is registered. However, because of US Government export restrictions on Tunnel Routing technology, all registration to FortiCare for customers using V7.0 or V6.5 **MUST** be "ordered" via your distributor and Fortinet Order Management. Registrations for in-warranty systems will be at no charge, as usual, but Fortinet must have end-user visibility and update its databases in order to support AscenLink. The SKU for ordering a Registration is **AL-REGI-FC**. This is a one-time requirement. Future upgrades will be automatically available to in-warranty customers via the FortiCare website, without the need for additional ordering.

Upgrade procedure

Upgrade from V6.5, V7.0 B5526, V7.1 or V7.2.x

After registering to FortiCare, the License Key can be generated inside FortiCare (for in-warranty Serial Number).

Start the upgrade procedure as follow:

- **Always back up your system configurations and store in a safe place before upgrading (and downgrade).**
- Log on to AscenLink as Administrator and go to [System > Administrator] page.
- Click Update to start the upgrade procedure
 - Click Browse to select the path where the new firmware image is saved
 - Enter the Update Key you received from Fortinet
 - Select Upload.
- Be patient while firmware is being upgraded. During the upgrade, do not turn off the system, unplug the power or repeatedly click the Submit button.
- The message "Update succeeded" will appear after the upgrade is completed. Please reboot the system afterwards for the firmware to take effect.

Getting Help

For customer support of Fortinet's AscenLink products shipped, please contact your local Fortinet AscenLink channel partner or http://www.fortinet.com/support/contact_support.html. AscenLink system must be registered to FortiCare to receive support.

Patches and updates are regularly released for Fortinet's AscenLink products. For access, please register at <https://support.fortinet.com/> or contact ascenlink@fortinet.com.

