AscenLink LinkOS V7.2.12 B7840

Release Notes

AscenLink Release Notes – LinkOS V7.2.12 B7840

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Revision 1

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Introduction

Summary

This LinkOS firmware V7.2.12 B7840 is the twelfth build for Fortinet AscenLink V7.2. The glibc and OpenSSL packages are updated for AscenLink to fix the security vulnerabilities. Moreover, several Web UI bugs about Internal DNS, Traffic Statistics, Cache Redirect and System Time/Date are fixed in this release. This document provides a list of resolved issues, upgrade procedures and support information for AscenLink LinkOS V7.2.12 B7840. Please review all sections of this document prior to upgrading your device.

Supported Models

LinkOS **V7.2.12 B7840** is the latest AscenLink firmware version released for AscenLink-700, AscenLink-5000 and AscenLink-6000.

Compatibility

LinkOS **V7.2.12 B7840** provides support and is compatible with all versions of LinkReport. AscenLink-6000 requires LinkOS V6.1, or higher.

Resolved Issues in V7.2.12 B7840

Mantis ID 309347

After applying configurations to Internal DNS (Service > Internal DNS) and reloading the Web UI page, a nonexistent IPv6 PTR record with IPv6 address 86400 and blank host name was displayed on the page. This was a Web UI bug, and no damages caused to the configurations in system backend.

Mantis ID 309544

Index of the tables reporting top 10 traffic statistics by source and destination (Statistics > Traffic, click the Show button) was incorrect if any two IP addresses generated the same number of packet bytes.

Mantis ID 354669

The GNU C Library (glibc) employed in AscenLink was patched to fix the security vulnerability CVE-2015-7547.

Mantis ID 356023

In function Cache Redirect, system is supposed to log for the events that connections match a redirect rule and are redirected to cache servers. System is designed not to log for matching a rule that the Group filed is configured as NO REDIRECT. However, it was able to enable the log function for a redirect rule that the Group filed is configured as NO REDIRECT. This confused the administrators. From this release, the checkbox L of a redirect rule will be blocked if Group is configured as NO REDIRECT.

Mantis ID 356026

After a system configuration was restored and rebooting the system, the fields Time Zone and Time Server in System > Date/Time on the Web UI became blank.

Mantis ID 356720

The OpenSSL employed in AscenLink was updated to version 1.0.1s to fix the security vulnerabilities CVE-2016-0702, CVE-2016-0703, CVE-2016-0704, CVE-2016-0705, CVE-2016-0797, CVE-2016-0798, CVE-2016-0799 and CVE-2016-0800.

Firmware Upgrade Procedures

Upgrading Information

- Note that only versions later than V6.5 B4175 (V6.5 B4175 is included) are supported for upgrade to V7.2.12 B7840. To upgrade to V7.2 from V6.5 or V7.0, it requires an upgrade of V7.1 first (See “AscenLink V7.1 Firmware Upgrade Quick Guide”, which is available from FortiCare at https://support.fortinet.com). For V7.0 (B5338 and B5246), please update to V7.0 B5526 **first** before updating to V7.2.12 B7840.
- 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.