



AscenLink LinkOS V7.1 B6141

Release Notes



AscenLink Release Notes – LinkOS V7.1 B6141

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Reversion 1

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Introduction

Summary

This LinkOS firmware V7.1 B6141 is the latest build for Fortinet AscenLink V7.1. Three issues are resolved in this release including the failure of algorithms in Multihoming and the system hanging caused by the use of data encryption in Tunnel Routing. Besides, the OpenSSL employed in AscenLink is updated to version 1.0.1i in this release to fix security vulnerabilities. This document provides a list of resolved issues, upgrade procedures and support information of AscenLink LinkOS V7.1 B6141. Please review all sections of this document prior to upgrading your device.

Supported Models

LinkOS **V7.1 B6141** is the latest AscenLink firmware version released for AscenLink-700, AscenLink-5000 and AscenLink-6000.

Compatibility

LinkOS **V7.1 B6141** provides support and is compatible with all versions of LinkReport. AscenLink-6000 requires LinkOS V6.1, or higher.

Resolved Issues in V7.1 B6141

Mantis ID 250697

An error message displayed when reapplying to Multihoming for an existing configuration that contains an IPv6 address in Source IP field of an AAAA Record.

Mantis ID 250105

The load balancing algorithms “By Up Stream”, “By Down Stream” and “By Total Traffic” failed in Multihoming.

Mantis ID 247576

Using the data encryption option in Tunnel Routing might cause the AscenLink to hang.

Mantis ID 251139

OpenSSL employed in AscenLink was upgraded to version 1.0.1i which contains fixes for vulnerabilities CVE-2014-3508, CVE-2014-5139, CVE-2014-3509, CVE-2014-3505, CVE-2014-3506, CVE-2014-3507, CVE-2014-3510, CVE-2014-3511 and CVE-2014-3512. Please refer to [OpenSSL Security Advisory](#) for the details.

Firmware Upgrade Procedures

Upgrading Information

- Note that only versions V7.1 B6015, V7.1 B5955, V7.1 B5745, V7.1 B5599, V7.0 B5526, V6.5 B3856, V6.5 B4038, V6.5 B4081 and V6.5 B4175 are supported for upgrade to V7.1 B6141. For V7.0 (B5338 and B5246), please update to V7.0 B5526 **first** before updating to V7.1 B6141.
- System with demonstration licenses cannot be upgraded to R7.1. 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 or V7.0 B5526

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 before upgrading.
- 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.

Upgrade from V7.1

- Always back up your system configurations before upgrading.
- Log on to AscenLink as Administrator and go to [System > Administration] page.
- Click Update to start the upgrade procedure.
 - Click Browse to select the path where the new firmware image is saved.
 - 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.

