



AscenLink LinkOS V7.2.9 B7271

Release Notes



AscenLink Release Notes – LinkOS V7.2.9 B7271

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Revision 1

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Introduction

Summary

This LinkOS firmware V7.2.9 B7271 is the ninth build for Fortinet AscenLink V7.2. The major purpose of the release is to upgrade BIND and NTP version for AscenLink to fix the security vulnerabilities. Moreover, issues about Multihoming and logs for Connection Limit are fixed in this release. This document provides a list of resolved issues, upgrade procedures and support information for AscenLink LinkOS V7.2.9 B7271. Please review all sections of this document prior to upgrading your device.

Supported Models

LinkOS **V7.2.9 B7271** is the latest AscenLink firmware version released for AscenLink-700, AscenLink-5000 and AscenLink-6000.

Compatibility

LinkOS **V7.2.9 B7271** provides support and is compatible with all versions of LinkReport. AscenLink-6000 requires LinkOS V6.1, or higher.

Resolved Issues in V7.2.9 B7271

Mantis ID 293577

With enabling the Log function for rules of Count Limit or Rate Limit in Connection Limit, system might reboot while a limit rule matched a flood of connections and logs were generated. System rebooting resulted in slave-takeover in HA deployment. This issue might occur especially when system was under an attack by malicious connections.

Mantis ID 296207

The BIND package employed in AscenLink was upgrade to version bind-9.10.3 to fix the security vulnerabilities CVE-2015-5722 and CVE-2015-5986.

Mantis ID 297299

The NTP package employed in AscenLink was upgrade to version ntp-4.2.8p4 to fix the security vulnerability CVE-2015-7871.

Mantis ID 297333

With multiple domains configured in Multihoming, the specified A/AAAA record policy became ineffective to answer the correct IP address to a DNS query for an A/AAAA record of particular domains if one of the domains was configured without any A/AAAA record.

Firmware Upgrade Procedures

Upgrading Information

- Note that only versions later than V6.5 B4175 (V6.5 B4175 is included) are supported for upgrade to V7.2.9 B7271. For V7.0 (B5338 and B5246), please update to V7.0 B5526 **first** before updating to V7.2.9 B7271.
- 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.

