



AscenLink LinkOS V7.2.4 B6708

Release Notes



AscenLink Release Notes – LinkOS V7.2.4 B6708

May 4, 2015

Revision 1

Copyright© 2015 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, and FortiGuard® are registered trademarks of Fortinet, Inc., and other Fortinet names herein may also be trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance metrics contained herein were attained in internal lab tests under ideal conditions, and performance may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to the performance metrics herein. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. Fortinet disclaims in full any guarantees. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.

Technical Documentation

<http://help.fortinet.com>

Knowledge Base

<http://kb.fortinet.com>

Forums

<https://support.fortinet.com/forums>

Customer Service & Support

<https://support.fortinet.com>

Training

<http://training.fortinet.com>

License Agreement

<http://www.fortinet.com/doc/legal/EULA.pdf>

Document Feedback

Email: ascenlink@fortinet.com

Table of Contents

Introduction	1
Summary.....	1
Supported Models	1
Compatibility.....	1
Resolved Issues in V7.2.4 B6708	2
Mantis ID 274219	2
Mantis ID 275716	2
Mantis ID 275718	2
Mantis ID 275879	2
Mantis ID 276476	2
Mantis ID 276616	2
Firmware Upgrade Procedures	3
Upgrading Information	3
Upgrade procedure	3
Getting Help	4

Introduction

Summary

This LinkOS firmware V7.2.4 B6708 is the fourth build for Fortinet AscenLink V7.2. This release contains fixes for issues with Multihoming and HA. Several issues which were found from internal testing are also fixed. This document provides a list of resolved issues, upgrade procedures and support information for AscenLink LinkOS V7.2.4 B6708. Please review all sections of this document prior to upgrading your device.

Supported Models

LinkOS **V7.2.4 B6708** is the latest AscenLink firmware version released for AscenLink-700, AscenLink-5000 and AscenLink-6000.

Compatibility

LinkOS **V7.2.4 B6708** provides support and is compatible with all versions of LinkReport. AscenLink-6000 requires LinkOS V6.1, or higher.

Resolved Issues in V7.2.4 B6708

Mantis ID 274219

Tunnel Routing might be abnormal and in poor performance if one GRE tunnel configuration was duplicated in multiple tunnel groups. Web UI should check and reject the application for those duplicate configurations.

Mantis ID 275716

Multihoming's balancing function failed if an A/AAAA record contained a host name with uppercase characters.

Mantis ID 275718

The CLI command "arping" incorrectly executed an ICMP PING request instead of an ARP request.

Mantis ID 275879

After applying an A/AAAA policy for Multihoming with algorithm "By Static", the field "Policy Advance Setting / WAN Link" of this policy on Web UI displayed incorrectly WAN link number, which should be "N/A". This is a Web UI bug.

Mantis ID 276476

With the configurations of multiple LAN (or DMZ) private subnets and multiple aggregated LAN (or DMZ) ports, the High Availability (HA) failed to takeover while the master unit was down if a LAN (or DMZ) subnet which was in the first position of the top-down list from Web UI (System > Network Setting > LAN Private Subnet > Basic Subnet) was connected to an aggregated port which was in the last position of the top-down list from Web UI (System > Network Setting > VLAN and Port Mapping > Aggregated LAN (DMZ) Port).

Mantis ID 276616

Multihoming failed to answer AAAA queries for the primary name server specified in Multihoming's Domain Settings (from Web UI).

Firmware Upgrade Procedures

Upgrading Information

- Note that only versions later than V6.5 B4175 (V6.5 B4175 is included) are supported for upgrade to V7.2.4 B6708. For V7.0 (B5338 and B5246), please update to V7.0 B5526 **first** before updating to V7.2.4 B6708.
- 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.

