



AscenLink LinkOS V7.2.11 B7795

Release Notes



AscenLink Release Notes – LinkOS V7.2.11 B7795

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Revision 1

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Table of Contents

Introduction	1
Summary.....	1
Supported Models	1
Compatibility.....	1
Resolved Issues in V7.2.11 B7795	2
Mantis ID 295967	2
Mantis ID 304540	2
Mantis ID 305620	2
Mantis ID 305621	2
Mantis ID 305779	2
Mantis ID 306772	2
Mantis ID 307415	3
Mantis ID 307450	3
Mantis ID 307565	3
Mantis ID 307940	3
Firmware Upgrade Procedures	4
Upgrading Information	4
Upgrade procedure	4
Getting Help	5

Introduction

Summary

This LinkOS firmware V7.2.11 B7795 is the eleventh build for Fortinet AscenLink V7.2. The OpenSSL is updated for AscenLink to fix the security vulnerabilities. Moreover, issues about Tunnel Routing, IPv6 WAN link, Bandwidth Management and other minor issues are fixed in this release. This document provides a list of resolved issues, upgrade procedures and support information for AscenLink LinkOS V7.2.11 B7795. Please review all sections of this document prior to upgrading your device.

Supported Models

LinkOS **V7.2.11 B7795** is the latest AscenLink firmware version released for AscenLink-700, AscenLink-5000 and AscenLink-6000.

Compatibility

LinkOS **V7.2.11 B7795** provides support and is compatible with all versions of LinkReport. AscenLink-6000 requires LinkOS V6.1, or higher.

Resolved Issues in V7.2.11 B7795

Mantis ID 295967

Internal DNS became failed to respond for all DNS queries if there was a Tunnel Routing's tunnel group configured and enabled on Web UI (even without a Tunnel Routing traffic passing through).

Mantis ID 304540

In Bandwidth Management, if the numbers of defined inbound classes and outbound classes were not equal to each other, the outbound classes failed to shape IPv6 outbound traffic.

Mantis ID 305620

The configuration viewer (System > Administration > Configuration File > Show) failed to display the configurations of IP Grouping. It incorrectly displayed the configurations of IP Group of the local AscenLink rather than the uploaded configuration file.

Mantis ID 305621

In WAN Setting of Bridge Mode: Multiple Static IP, Web UI is designed to accept the configuration of deploying IP addresses to IPv4 IP(s) in DMZ without specifying the DMZ Port. However, Web UI reported an error if IPv6 IP(s) in DMZ was deployed without DMZ Port being specified. It has been modified to be the behavior consistent with IPv4, IP deployment of IPv4 IP(s) in DMZ or IPv6 IP(s) in DMZ without specifying the DMZ Port is acceptable now.

Mantis ID 305779

The count of total bytes in a BM log was incorrectly the double of inbound bytes, which should be a sum of inbound bytes and outbound bytes.

Mantis ID 306772

Tunnel Routing transmission between two AscenLink units became abnormal (extremely slow) if the tunnel group contained a tunnel established with PPPoE WAN link and Default Rule of the tunnel group was enabled.

Mantis ID 307415

The button "Clear All" on Web UI page "Statistics > Persistent Routing" was ineffective to clear the statistics in table "IPv6 IP Pair".

Mantis ID 307450

In High Availability (HA) deployment, it failed to synchronize the system time zone of master and slave units.

Mantis ID 307565

It failed to access the default gateway of an IPv6 WAN link (Bridge Mode: One Static IP) from an IPv6 LAN subnet. Access to Internet through the IPv6 WAN link works normally.

Mantis ID 307940

The OpenSSL employed in AscenLink was upgraded to version 1.0.1r to fix the security vulnerabilities of OpenSSL Security Advisory [28 Jan 2016].

Firmware Upgrade Procedures

Upgrading Information

- Note that only versions later than V6.5 B4175 (V6.5 B4175 is included) are supported for upgrade to V7.2.11 B7795. 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 V7.2.11 B7795.
- 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.

