



AscenLink LinkOS V7.2.20 B7969

Release Notes



AscenLink Release Notes – LinkOS V7.2.20 B7969

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Revision 1

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Introduction

Summary

This LinkOS firmware V7.2.20 B7969 is the twenty-first build for Fortinet AscenLink V7.2. In this release, several issues and security vulnerabilities were fixed. This document provides a list of resolved issues, upgrade procedures and support information for AscenLink LinkOS V7.2.20 B7969. Please review all sections of this document prior to upgrading your device.

Supported Models

LinkOS **V7.2.20 B7969** is the latest AscenLink firmware version released for AscenLink-700, AscenLink-5000 and AscenLink-6000.

Compatibility

LinkOS **V7.2.20 B7969** provides support and is compatible with all versions of LinkReport. AscenLink-6000 requires LinkOS V6.1, or higher.

Resolved Issues in V7.2.20 B7969

Mantis ID 411738

The user account name of logout events missed in the system logs when they were sent through notification email.

Mantis ID 413784

Creating VLAN sub-interfaces might result in multi-core CPU being used inefficiently and packets loss when heavy traffic.

Mantis ID 416919

AscenLink 7.2.20 is no longer vulnerable to the following CVE-References:

CVE-2016-10229

Visit <https://fortiguard.com/psirt> for more information.

Mantis ID 417142

In an AscenLink HA deployment, if a PPPoE WAN link was created on the master unit, the slave unit would dial-up to establish the same PPPoE connection as well, which might cause unstable connectivity to the PPPoE link on the master unit.

Mantis ID 417353

The tcpdump command (CLI) failed to capture packet passed through VLAN interfaces.

Mantis ID 437174

AscenLink 7.2.20 is no longer vulnerable to the following CVE-References:

CVE-2017-6464

CVE-2017-6462

CVE-2017-6463

CVE-2017-6455

CVE-2017-6452

CVE-2017-6459

CVE-2017-6458

CVE-2017-6451

CVE-2017-6460

CVE-2016-9042

Visit <https://fortiguard.com/psirt> for more information.

Mantis ID 437176

AscenLink 7.2.20 is no longer vulnerable to the following CVE-References:

CVE-2016-9131

CVE-2016-9147

CVE-2016-9444

Visit <https://fortiguard.com/psirt> for more information.

Firmware Upgrade Procedures

Upgrading Information

- Note that only versions later than V6.5 B4175 (V6.5 B4175 is included) are supported for upgrade to V7.2.20 B7969. 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 V7.2.20 B7969.
- 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.

