



# AscenLink LinkOS V7.2.18 B7965

Release Notes



AscenLink Release Notes – LinkOS V7.2.18 B7965

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Revision 1

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# Introduction

## Summary

This LinkOS firmware V7.2.18 B7965 is the nineteenth build for Fortinet AscenLink V7.2. A memory leak issue and the abnormal BM statistics were fixed in this release. PHP was updated to fix security vulnerabilities. This document provides a list of resolved issues, upgrade procedures and support information for AscenLink LinkOS V7.2.18 B7965. Please review all sections of this document prior to upgrading your device.

## Supported Models

LinkOS **V7.2.18 B7965** is the latest AscenLink firmware version released for AscenLink-700, AscenLink-5000 and AscenLink-6000.

## Compatibility

LinkOS **V7.2.18 B7965** provides support and is compatible with all versions of LinkReport. AscenLink-6000 requires LinkOS V6.1, or higher.

# Resolved Issues in V7.2.18 B7965

## Mantis ID 392393, 373188

A programming mistake was found in AscenLink's Bandwidth Management Statistics. This mistake irregularly resulted in an impossible traffic rate reported on a WAN port, which is much higher than the throughput that the AscenLink can support.

## Mantis ID 392609

The PHP package employed by AscenLink was upgraded to 5.6.27 to fix security vulnerabilities.

## Mantis ID 392628

The timestamps in AscenLink's kernel crash logs were incorrect.

## Mantis ID 392863

Memory leak happened when system backend allocated memory for piping. The memory leak would eventually result in ineffective Web UI, CLI and abnormal HA behaviors (such as frequent or non-real-time takeovers since units were too busy to respond for heartbeats).

# Firmware Upgrade Procedures

## Upgrading Information

- Note that only versions later than V6.5 B4175 (V6.5 B4175 is included) are supported for upgrade to V7.2.18 B7965. 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 V7.2.18 B7965.
- System with demonstration licenses cannot be upgraded to R7.1 and later. Please contact Fortinet at [ascenlink@fortinet.com](mailto: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](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](mailto:ascenlink@fortinet.com).

