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High Performance Network Security

FortiSwitch ATCA - Release Notes

VERSION 5.2.2

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FortiSwitch ATCA 5.2.2 Release Notes

11-522-289439-20150921

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Change Log

Date	Change Description
2015-09-16	Initial release.
2015-09-17	Updated Upgrade and Product Integration and Support information.
2015-09-21	Added bug 293162 to Known Issues List.

Introduction

This document provides the following information for FortiSwitch ATCA 5.2.2 build 0155:

- Supported models
- Special Notices
- Upgrade Information
- Product Integration and Support
- Resolved Issues
- Known Issues

See the Fortinet Document Library for FortiSwitch ATCA documentation.

Supported models

FortiSwitch ATCA 5.2.2 supports the following models:

FortiController	FTCL-5103B, FTCL-5903C, FTCL-5913C

What’s new in 5.2.2

The following is a list of enhancements in 5.2.2:

- SCTP and GRE Load Balance support
- Front Panel 10*10G mode support on FCTL-5913C (A special FortiOS build is required for the FortiGate blades. Contact Fortinet Customer Support.)
- Static and LACP trunk on FCTL-5913C support
- Board-failover-tolerance for single chassis support
- GUI access of the first FCTL and the master FortiGate blade in dual mode
- IPSec VPN traffic by only forwarding to the master FortiGate blade
- `forward-rule` replaced by `flow-rule`
- `board-init-holddown` added in the `config.load-balance.setting`
- `weighted-load-balance enable|disable` added in the `config.load-balance-setting`

Special Notices

General

The TFTP boot process erases all current switch configuration and replaces it with the factory default settings.

FG-5001D operating in FortiController or Dual FortiController mode

When upgrading a FG-5001D operating in FortiController or dual FortiController mode from 5.0.9 to FortiOS 5.2.2 and later, you may experience a back-plane interface connection issue. After the upgrade, you will need to perform a factory reset and then re-configure the device.

Upgrade Information

Upgrading from FortiSwitch ATCA 5.2.0

FortiSwitch ATCA 5.2.2 supports upgrade from 5.2.0 and above.

Upgrading from FortiSwitch ATCA 5.0.5 or earlier

FortiController units running 5.0.5 or earlier must upgrade to 5.0.6 or later prior to upgrading 5.2.2 in order to receive a necessary update to the FPGA firmware.

Upgrading from FortiSwitch ATCA 5.0.6 or later

FortiSwitch ATCA 5.2.2 introduces an enhanced heartbeat packet that contains more information since the 5.2.0 release. As a result, users must upgrade their FortiGate blades from FortiOS 5.0.10 (or later) or 5.2.2 (or later) before upgrading their FortiController units from FortiSwitch-ATCA 5.0.6 or later to 5.2.2.

Downgrading to previous firmware versions

Downgrading from FortiSwitch ATCA 5.2.2 to previous releases is not supported.

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal, https://support.fortinet.com. After logging in select *Download* > *Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

Product Integration and Support

FortiSwitch ATCA 5.2.2 support

The following table lists 5.2.2 product integration and support information.

Web browser	• Microsoft Internet Explorer version 10 • Mozilla Firefox version 33 • Google Chrome version 37 Other web browsers may function correctly, but are not supported by Fortinet.
FortiOS	• 5.2.2 and later • 5.0.10 and later

Resolved Issues

The following issues have been fixed in 5.2.2. For inquires about a particular bug, please contact Customer Service & Support.

Bug ID	Description
276344	FCTL-5903C does not support Jumbo frames larger than 1750 bytes.
280896	RTC drifts with OS power cycles
287007	Dual chassis redundancy is unstable when a worker blade is in overload.
286814	DP session sync is sent even though the session sync is not enabled.
275693	FortiController Trunk IPV6 traffic testing does not work when multiple 5001Ds reboot at the same time

Known Issues

The following issues have been identified with 5.2.2. For inquires about a particular bug or to report a bug, please contact Fortinet Customer Service & Support.

Bug ID	Description
261570	In chassis redundancy mode, FortiControllers may not upgrade properly after the FortiGates have finished upgrading Workaround: Use `diagnose system ha force-slave-state clear` to clear the force-slave mode on the Master FortiGate after all FortiGates have finished upgrading.
283823	GUI may indicate a link up status even though no cables are plugged in.
290620	In Dual Mode, the Slave chassis pinhole session may not sync with Master chassis pinhole session within the chassis redundancy system.
293162	Uninterruptible graceful upgrade may not work as expected.

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