



FortiSwitch-ATCA v5.0.5  
Release Notes



## FortiSwitch-ATCA v5.0.5 Release Notes

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# Change Log

Date	Change Description
2014-10-27	Initial release.
2014-10-28	Minor document update.

# Introduction

This document provides the following information for FortiSwitch-ATCA v5.0.5 build 0028:

- 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 v5.0.5 supports the following models:

**Table 1:** Supported models

<b>FortiSwitch-ATCA</b>	FS-5003A and FS-5003B
<b>FortiController</b>	FTCL-5103B

# Special Notices

## General

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

# Upgrade Information

## Upgrading from FortiSwitch-ATCA v5.0.3 or later

FortiSwitch-ATCA v5.0.5 supports upgrade from v5.0.3 or later.

## Upgrading from FortiSwitch-ATCA v4.3.3 or later

FortiSwitch-ATCA v5.0.5 officially supports upgrade from v4.3.3 or later.

### ELBCv3 cluster upgrades

To upgrade an ELBCv3 cluster from FortiSwitch-ATCA v4.3 to v5.0.5, the following procedure is advised:

1. Upgrade your FortiSwitch-ATCA and FortiGate devices to the latest v4.3 firmware release. For more information, see the [FortiOS v4.0 MR3 Release Notes](#) for the upgrade procedure.
2. Disable the graceful upgrade feature on your FortiSwitch-ATCA devices using the following CLI command:

```
config system ha
    set graceful-upgrade disable
end
```



FortiGate supports graceful upgrade from FortiOS v4.3 to FortiOS v5.0. You do not need to disable this feature on your FortiGate devices.

3. Load the FortiGate v5.0 image to the ELBC master FortiGate.
4. Wait until all FortiGates have completed the upgrade. You may use the CLI command `diagnose system ha force-slave-state` to trigger chassis HA fail-over during the FortiGate upgrade if you have a dual chassis setup.
5. Load the FortiSwitch-ATCA v5.0.5 image to the master device.
6. All devices will start to upgrade simultaneously. You will experience a traffic interruption during this time.
7. After all devices have completed the upgrade you can re-enable the graceful upgrade feature using the following CLI command:

```
config system ha
    set graceful-upgrade enable
end
```

## Downgrading to previous firmware versions

Downgrading from FortiSwitch-ATCA v5.0.5 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 v5.0.5 support

The following table lists v5.0.5 product integration and support information.

**Table 2:** FortiSwitch-ATCA v5.0.5 support information

<b>Web browser</b>	<ul style="list-style-type: none"><li>• Microsoft Internet Explorer version 10</li><li>• Mozilla Firefox version 33</li><li>• Google Chrome version 37</li></ul> <p>Other web browsers may function correctly, but are not supported by Fortinet.</p>
<b>FortiOS</b>	<ul style="list-style-type: none"><li>• v5.2.1 and later</li><li>• v5.0.8 and later</li></ul> <p>If you use the FS-5003A or FS-5003B purely for backplane switching or in FortiTrunk mode, you do not need to upgrade your FortiGate units to FortiOS v5.0.8. If you are using <code>service-group</code> mode or <code>load-balance</code> mode on the FTCL-5103B, you must use FortiOS v5.0.8 or later.</p>
<b>FortiManager</b>	<ul style="list-style-type: none"><li>• v5.2.0 and later</li><li>• v5.0.0 and later</li></ul>

# Resolved Issues

The following issues have been fixed in v5.0.5. For inquiries about a particular bug, please contact [Customer Service & Support](#).

**Table 3:** Resolved issues

Bug ID	Description
0141093	Added support for automatic uninterruptible FortiOS upgrade in redundancy chassis mode.
0254643	PPTP pass-through fails.
0255452	IKE NAT-T traffic should not be load-balanced to multiple blades.
0255692	SALB cluster unstable with default heartbeat setting.
0257506	CVE-2014-3566 SSLv3 POODLE (Padding Oracle On Downgraded Legacy Encryption) vulnerability has been fixed. Only TLSv1 is used for strong crypto setting.

# Known Issues

The following issues have been identified in v5.0.5. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

**Table 4:** Known issues

Bug ID	Description
0212362	Unable to reach the FortiSwitch via the external management IP address without adding FortiGate blades.
0219249	Weighted load balancing does not work properly.
0256157	Frequently upgrading and downgrading a FortiController may cause issues with the FPGA channel.

