FortiSwitch v5.0 Patch Release 3
Release Notes

Supported models

- FortiSwitch-5003A
- FortiSwitch-5003B
- FortiController-5103B

FortiSwitch v5.0 Patch Release 3 build 0020 Release Notes

March 28, 2014

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Change Log

Date	Change Description
March 28, 2014	• Corrected the final bullet point in the section “New Features - FortiController-5103B” on page 5
November 20, 2013	Changed the order of the Known Issues and Resolved Issues chapters. Added the following sections: • “Known Issues in FortiSwitch v5.0 Patch Release 2” on page 11 • “Known Issues in FortiSwitch v5.0 Patch Release 3” on page 11 • “Resolved Issues from FortiSwitch v5.0 Patch Release 2” on page 10 • “Other Resolved issues” on page 10
November 18, 2013	Initial release.

Introduction

These release notes provide the following information about FortiSwitch v5.0 Patch Release 3 build 0018:

- Supported FortiSwitch and FortiController models
- New Features - FortiSwitch-5003A and 5003B
- New Features - FortiController-5103B

Supported FortiSwitch and FortiController models

The following models are supported on FortiSwitch v5.0 Patch Release 3:

FortiSwitch

FS-5003A and FS-5003B

FortiController

FTCL-5103B

New Features - FortiSwitch-5003A and 5003B

- The amount of characters available for the login banner has been increased.
- The following new CLI command resets all MAC addresses in one or all service-groups:
  `execute service-group retore-factory-mac`

New Features - FortiController-5103B

- The amount of characters available for the login banner has been increased.
- The following new CLI command resets all `load-balance` MAC addresses:
  `execute load-balance restore-factory-mac`
- A centralized command has been added to clear IPS and SYS sessions on FortiGate-5000 blades.
- In a session-aware load balancing cluster, all encrypted IPSec VPN traffic is procesed by the primary FortiGate unit.

See http://docs.fortinet.com/5000_blade.html for additional documents on FortiSwitch.

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 v5.0 Patch Release 2 or later

FortiSwitch v5.0 Patch Release 3 build 0020 officially supports upgrading from FortiSwitch v5.0 Patch Release 2.

Please review the Special Notices, Product Integration and Support, and Known Issues chapters prior to upgrading.

Upgrading from FortiSwitch v4.0 MR3 Patch Release 3

FortiSwitch v5.0 Patch Release 3 build 0020 officially supports upgrade from FortiSwitch v4.0 MR3 Patch Release 3 or later.

ELBCv3 cluster upgrades

To upgrade an ELBCv3 cluster from FortiSwitch v4.0 MR3 to FortiSwitch v5.0 Patch Release 3, the following procedure is advised:

1. Upgrade your FortiSwitch and FortiGate devices to the latest v4.0 MR3 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 devices using the following CLI command:

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

FortiGate supports graceful upgrade from FortiOS v4.0 MR3 to FortiOS v5.0.0. You do not need to disable this feature on your FortiGate devices.

3. Load the FortiGate v5.0.0 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 v5.0 Patch Release 3 image to the master FortiSwitch device.
6. All FortiSwitch devices will start to upgrade simultaneously. You will experience a traffic interruption during this time.

7. After all FortiSwitch 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

Downgrading from FortiSwitch v5.0 Patch Release 3 build 0020 to previous releases is not supported.

Product Integration and Support

Supported web browsers

The following web browsers are supported by FortiSwitch v5.0 Patch Release 3:

- Internet Explorer version 9 and 10
- Firefox version 22

Other web browsers may function correctly, but are not supported by Fortinet.

FortiOS support

FortiSwitch v5.0 Patch Release 3 is supported by FortiOS v5.0 Patch Release 5.

Customers who use the FS-5003A or FS-5003B purely for backplane switching or in FortiTrunk mode do not require their FortiGate units to be upgraded to FortiOS v5.0 Patch Release 5. If you are using service group mode or load balance mode on the FTCL-5103B, you must use FortiOS v5.0 Patch Release 5.

Resolved Issues

Resolved Issues from FortiSwitch v5.0 Patch Release 2

There are no known issues from FortiSwitch v5.0 Patch Release 2 that were fixed for FortiSwitch v5.0 Patch Release 3.

Other Resolved issues

The following table lists other issues that have been fixed for FortiSwitch v5.0 Patch Release 3. The bug IDs are from Fortinet's internal bug tracking system. For inquires about a specific bug, you can contact Fortinet Customer Service & Support.

Bug ID	Description
207487	Resolved an issue that caused the slave FortiSwitch unit status to appear as "non-operating" instead of "ready".
220297	Increased the lost heartbeat threshold from 25 to 50.
221204	Resolved a timing issue that would sometimes cause restoring the configuration of a FortiSwitch or FortiController to fail.
221330	HA group-id messages and checking correctly reflects the new allowed range (0 to 31).
222271	Corrected a spelling error in the output of the `get service group status` command.

Known Issues

Known Issues in FortiSwitch v5.0 Patch Release 2

The following table lists noteworthy bugs for FortiSwitch v5.0 Patch Release 2. The bug IDs are from Fortinet's internal bug tracking system. For inquires about a specific bug, you can contact Fortinet Customer Service & Support.

Bug ID	Description
212362	Unable to reach the FortiSwitch via the external management IP without adding FortiGate blades. **Update**: This issue has not been resolved.

Known Issues in FortiSwitch v5.0 Patch Release 3

The following table lists noteworthy bugs for FortiSwitch v5.0 Patch Release 3. The bug IDs are from Fortinet's internal bug tracking system. For inquires about a specific bug, you can contact Fortinet Customer Service & Support

Bug ID	Description
219249	Weighted load balancing does not work properly.

Image Checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support website located at https://support.fortinet.com. After logging in, select *Download* > *Firmware Image Checksum*, enter the image file including the extension, and select *Get Checksum Code*.
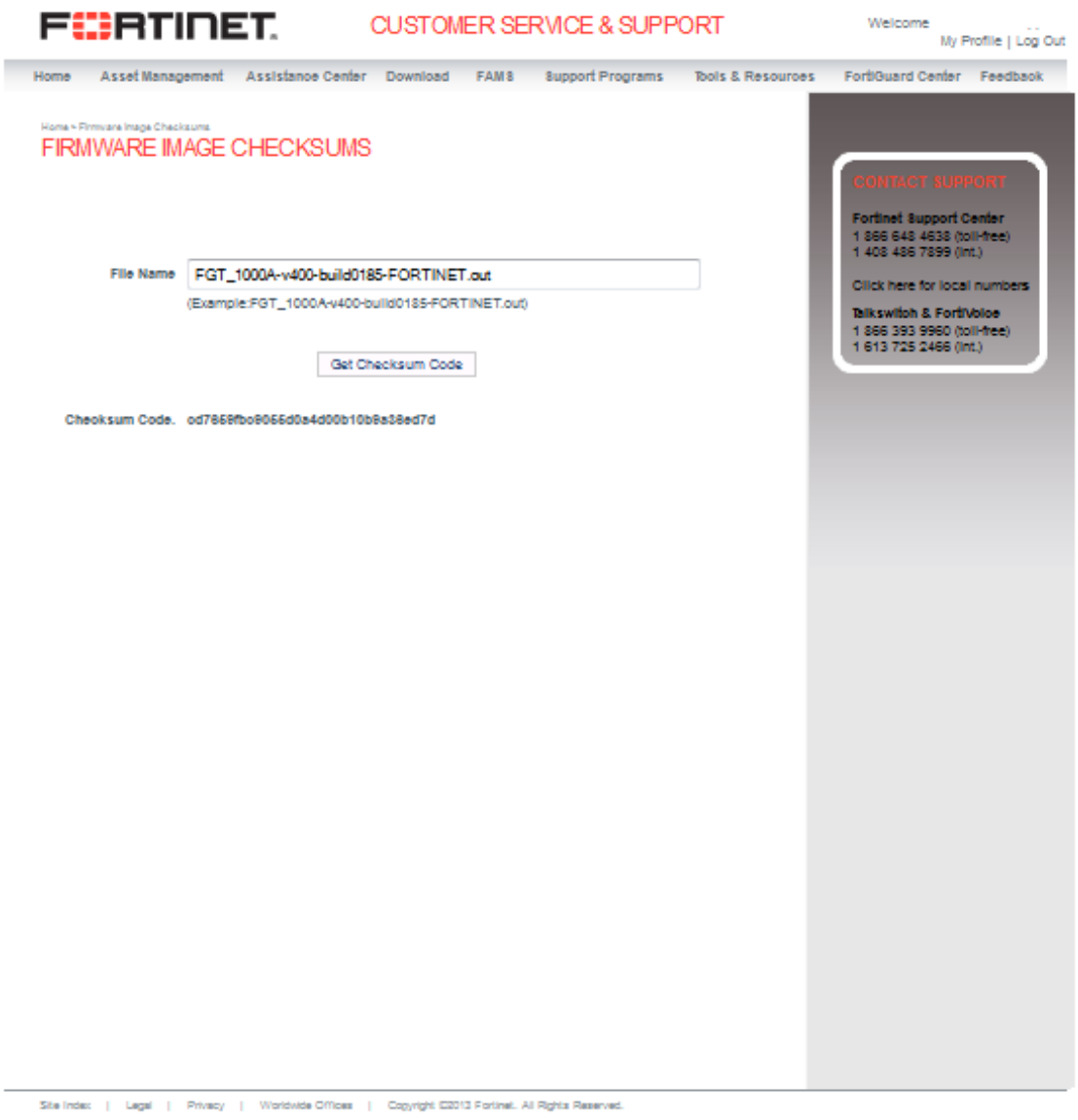
Figure 1: Firmware image checksum tool