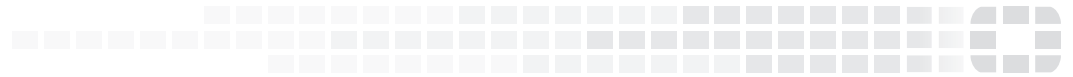




**FORTINET**  
High Performance Network Security



# FortiGate-7000 Series Release Notes

VERSION v5.4.3 Build 6382



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10/31/2017

FortiGate-7000 Series v5.4.3 build 6382 Release Notes

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# Change Log

Date	Change Description
October 31, 2017	Initial version.

# Introduction

This document provides the following information for FortiGate-7000 v5.4.3 build 6382:

- [Supported Models](#)
- [What's new in FortiGate-7000 v5.4.3 build 6382](#)
- [Upgrade Information](#)
- [Product Integration and Support](#)
- [Resolved Issues](#)
- [Known Issues](#)

## Supported Models

FortiGate-7000 v5.4.3 build 6382 supports all FortiGate-7030E, 7040E, and 7060E models and configurations.

## What's new in FortiGate-7000 v5.4.3 build 6382

The following new features have been added to FortiGate-7000 v5.4.3 build 6382 firmware:

Bug ID	Description
422228	FortiGate-7040E-8-DC support.
416744	New command: <code>diagnose load-balance info</code> .
416269	New command: <code>diagnose load-balance info smc</code> displays the version of the SMC software running on each module in a chassis.
410542	The commands <code>diagnose sys ha status</code> , <code>diagnose load-balance status</code> , <code>diagnose sys configsync status</code> , and <code>diagnose load-balance status</code> by default only show information for the module that they are executed on. You can use the command <code>diagnose load-balance set slot &lt;slot-number&gt;</code> to have these commands show information about the module in the specified <code>slot-number</code> .
N/A	The MTU value for the M1 and M2 interfaces is now 1500.

# Upgrade Information

FortiGate-7000 v5.4.3 build 6382 supports upgrading from any previous v5.4.3 build. All released FortiGate-7000 firmware builds are version v5.4.3.

All of the modules in your FortiGate-7000 chassis run the same firmware image. You can upgrade the firmware by using the management IP address to log into the primary interface module GUI or CLI and perform a firmware upgrade just as you would for any FortiGate product. During the upgrade process, the firmware of all of the modules in the chassis upgrades in one step. Firmware upgrades should be done during a quiet time because traffic is briefly interrupted during the upgrade process.

If you are operating two FortiGate-7000 chassis in HA mode with `uninterruptable-upgrade` and `session-pickup` enabled, firmware upgrades should only cause a minimal traffic interruption. Use the following command to enable these settings (they should be enabled by default). These settings are synchronized to all modules in the cluster.

```
config system ha
    set uninterruptable-upgrade enable
    set session-pickup enable
end
```

# Product Integration and Support

See the Product Integration and Support section of the [FortiOS 5.4.3 release notes](#) for product integration and support information for FortiGate-7000 v5.4.3 build 6382.

Also please note the following exceptions for FortiGate-7000 v5.4.3 build 6382:

Minimum recommended FortiManager firmware version : 5.4.4

Minimum recommended FortiAnalyzer firmware version : 5.4.4

## FortiGate-7000 v5.4.3 special features and limitations

FortiGate-7000 v5.4.3 has specific behaviors which may differ from FortiOS features. For more information, see the "Special features and limitations for FortiGate-7000 v5.4.3" section of the most recent version of the FortiGate-7000 Handbook chapter available at <http://docs.fortinet.com/d/fortigate-7000>.

# Resolved Issues

The following issues have been fixed in FortiGate-7000 v5.4.3 build 6382. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
450280	FortiManager configuration install failures because UUIDs cannot be changed.
423086	FIM01 and FIM02 see different ELBC masters.
421574	<b>User &amp; Device &gt; Single Sign-on</b> GUI pages not available.
421156	Could enable CR mode on FIM-7910E interfaces even though this mode is not supported by these interfaces.
421451	MAC addresses not handled properly by redundant interfaces.
417064	The <code>execute reboot</code> command fails when entered while logged into an PFM module CLI.
415297	If split ports are configured, after a module is reset the factory defaults and starts up error messages are displayed until the module is synchronized and restarts. This occurred because a restart is required to implement the split ports feature.
416554	Set the default VDOM for central management to <code>dmgmt-vdom</code> .
447953	Missing static routes after interfaces repeatedly shut down and brought up.
423058	Duplicate <code>snmp-index</code> values in the default configuration.

## Resolved synchronization issues

Bug ID	Description
416056	SNMP index may repeat when adding a new VDOM.
421436	HA: LACP states not synchronized between chassis
415644	IPv6 static routes not synchronized.
421758	Redundant interface link status not synchronized.
402772	Configuration synchronization failures
422386	HA: VLAN interfaces not synchronized between chassis when a new chassis joins a cluster.
414553	Configuration synchronization errors after configuring 500 VDOMs



Bug ID	Description
414473	VDOM licenses do not synchronize between modules.
416740 414055	HA: Default route not synchronized to backup chassis.
450349	SD-WAN (or virtual-wan-link) static routes remain on FPM modules after they have been deleted from the primary FIM module.
441380	The <code>execute load-balance slot manage</code> command does not work if the mgmt interface is not set to enable telnet management access.

# Known Issues

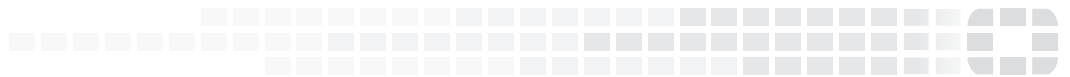
The following issues have been identified in FortiGate-7000 v5.4.3 build 6382. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
449298	FortiGate-7000 resource utilization not reported correctly by FortiAnalyzer.
449817	URL filter daemon crashes.
444107	NFSv2/3 mounts over UDP passing through the FortiGate-7000 sometimes time out unexpectedly.
455632	Log messages are generated showing FIM modules periodically leaving and re-joining the cluster.
449276	IPS signature updates cause HA failover due to heartbeat loss.
422404	Setting <code>source-ip</code> when configuring the FortiGate-7000 to communicate with a FortiAnalyzer blocks communication between the FortiGate-7000 and the FortiAnalyzer. The workaround would be to avoid configuring the <code>source-ip</code> setting.
442168	VLAN interface traffic when the VLAN is the member of a link aggregation group interface over LAG is not shown in Interface History widget
447291	FPM data should be visible from any FortiView without logging into individual FPMs.



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