



FortiADC Release Notes

Version 5.2.6

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FortiADC 5.2.2 Release Notes

First Edition

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Change Log

Date	Change Description
01/09/2020	FortiADC 5.2.6 Release Notes initial release.

Introduction

This *Release Notes* covers the new features, enhancements, known issues, and resolved issues of FortiADC™ Version 5.2.6, Build 0463.

To upgrade to FortiADC 5.2.6, see [FortiADC Upgrade Instructions](#).

FortiADC provides load balancing, both locally and globally, and application delivery control. For more information, visit: <http://docs.fortinet.com/product/fortiadc>.

What's new

FortiADC 5.2.6 is a patch release only; no new features or enhancements have been implemented in this release.

Upgrade notes

The backup config file for v5.2.0 through 5.2.5, which contains the certificate config, may not be restored properly causing config to be lost. As a suggestion, after upgrading to v5.2.6, please discard the previous version's config file and backup the config file into v5.2.6.

Hardware and VM support

FortiADC 5.2.6 supports the following hardware models:

- FortiADC 200D
- FortiADC 300D
- FortiADC 400D
- FortiADC 700D
- FortiADC 1500D
- FortiADC 2000D
- FortiADC 4000D
- FortiADC 60F (without HSM, PageSpeed, and AV features)
- FortiADC 100F
- FortiADC 200F
- FortiADC 1000F
- FortiADC 2000F
- FortiADC 4000F

FortiADC Release 5.2.6 supports deployment of FortiADC-VM in the following virtual machine environments:

VM environment	Tested Versions
VMware	ESXi 3.5, 4.x, 5.0, 5.1, 5.5, 6.0, 6.5, 6.7
Microsoft Hyper-V	Windows Server 2012 R2
KVM	Linux version 3.19.0 qemu-img v2.0.0, qemu-img v2.2
Citrix Xen	XenServer 6.5.0
Xen Project Hypervisor	4.4.2, 4.5

Resolved issues

This section lists the major known issues that have been resolved in this 5.2.6 release. For inquiries about particular bugs, please contact [Fortinet Customer Service & Support](#).

Table 1: Resolved issues

Bug ID	Description
0599700	The default value of Max Receive Window displayed under "HTTP2 Profile" tab is different from entry field value
0602254	Added improvement so GLB link DC and ISP can be added in the GLB link configuration page
0593019	Health check monitor HTTP string mismatch should not prompt timeout error
0602296	VULN CVE-2004-1653 SSH port forwarding exposes unprotected localhost/internal services
0600669	MySQL Slave health check result is not accurate
0600663	The health-check result will display improperly in some circumstances
0595611	Improvement for the failover rule for the backup real-server and regular real-server
0596982	Internal debug improvement for lbdns daemon
0596233	FortiView display improvement for varies on the content-routing rule and schedule-pool
0596151	TLS/SSL handshake using DH type algorithm may fail randomly if the SSL hardware card is used
0593580	GUI access may not be working in special circumstances (one of the internal directory is full)
0593929	When the SSL card is used, SSL handshake may fail if the RSA padding is NO PADDING
0577114	XSS vulnerability in the creation of new traffic group
0536745	vertical axis may be incorrect on fortiview chart in some circumstances
0593281	Fix the potential VDOM memory leak
0588765	"VM Registration" of FAD selected as slave becomes "Pending" from "Valid" after establishing HA
0590421	GLB daemon licd may consume high memory
0590120	Improvement for the configuration limit of WAF URL exception rules

Bug ID	Description
0516063	SSL Debug message optimizing
0590433	Fix the potential crash for WAF and L7-HTTP/HTTPS VS in certain circumstances
0583205	Authentication cookie timeout is not configurable
0589270	The session state for the NAT46 VS is always "close"
0589136	Remove dummy % when the cookie is set from script
0588485	L4-VS NAT46 mode can not work well in some circumstances
0585307	The throughput graph has no data when L4-VS mode is "Direct Routing"
0587743	WAF signature may trigger L7-HTTP/HTTPS daemon crash in particular condition
0583761	Set "update.fortiguard.net" as the first candidate for connecting to Fortiguard server
0534061	Resolve host before connect OCSP server to keep OCSP server IP updated
0586758	Fix the potential problem during generating HSM certificates
0503199	The HSM certificates should be deleted after executing the factoryreset command
0585853	Fix the potential memory leak for log/report module in some circumstances
0494904	Some of RSA keys for HSM certificate are not working in ECDHE-RSA-AES256-GCM-SHA384
0584504	The health check may stop working if there are huge amount of health-check scripts existing
0503346	If partition exists, unregister is not allowed

Known issues

There are no known issues in the FortiADC 5.2.6 release. For inquiries about particular bugs, please contact [Fortinet Customer Service & Support](#).

Image checksums

To verify the integrity of the firmware file, use a checksum tool and compute the firmware file's MD5 checksum. Compare it with the checksum indicated by Fortinet. If the checksums match, the file is intact.

MD5 checksums for Fortinet software and firmware releases are available from [Fortinet Customer Service & Support](#). After logging in to the web site, near the bottom of the page, click the Firmware Image Checksums button. (The button appears only if one or more of your devices has a current support contract.) In the File Name field, enter the firmware image file name including its extension, then click Get Checksum Code.

Figure 1: Customer Service & Support image checksum tool

The screenshot displays the Fortinet Customer Service & Support website interface. At the top, there is a navigation bar with a 'Home' link and a user greeting 'Welcome Samuel Liu'. Below this is a 'Customer Support Bulletin' section with three items. The main content area is divided into several sections: 'Asset' (Register/Renew, Manage Products), 'Assistance' (Create a Ticket, Manage Tickets, View Active Tickets, Technical Web Chat, Contact Support), 'Quick Links' (Firmware Images, VM Images Download, Service Updates, Product Life Cycle, Fortinet Service Terms & Conditions, Guidelines, Policies & Documents, Help Documents), and 'Resources' (Customer Support Bulletin, Knowledge Base, Fortinet Video Library, Fortinet Document Library, Discussion Forums, Training & Certification). The 'Firmware Images' and 'VM Images Download' links in the Quick Links section are highlighted with a red box.



High Performance Network Security



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