



# FortiADC - Release Notes

Version 5.2.7

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**FEEDBACK**

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FortiADC 5.2.7 Release Notes

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## Change Log

Date	Change Description
2020-04-24	FortiADC 5.2.7 Release Notes initial release.

# Introduction

This *Release Notes* covers the new features, enhancements, known issues, and resolved issues of FortiADC™ version 5.2.7, Build 0466.

To upgrade to FortiADC 5.2.7, see [FortiADC Upgrade Instructions](#).

FortiADC provides load balancing, both locally and globally, and application delivery control. For more information, visit: <https://docs.fortinet.com/product/fortiadc/5.2>.

## What's new

FortiADC 5.2.7 is a patch release only; no new features or enhancements have been implemented in this release.

## Hardware and VM support

FortiADC 5.2.7 supports the following hardware models:

- FortiADC 200D
- FortiADC 300D
- FortiADC 400D
- FortiADC 700D
- FortiADC 1500D
- FortiADC 2000D
- FortiADC 4000D
- FortiADC 60F
- FortiADC 100F
- FortiADC 200F
- FortiADC 1000F
- FortiADC 2000F
- FortiADC 4000F

FortiADC Release 5.2.7 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

## Known issues

This section highlights the major known issues discovered in FortiADC 5.2.7 release. For inquiries about particular bugs, please contact [Fortinet Customer Service & Support](#).

### Known Issues

Bug ID	Description
603572	Statistics not updating on GUI in rare cases. Please update firmware to v5.3.5 or later to resolve.



## Resolved issues

The following issues have been resolved in FortiADC 5.2.7 release. For inquiries about particular bugs, please contact [Fortinet Customer Service & Support](#).

### Resolved issues

Bug ID	Description
618398	Route Health Injection (RHI) for OSPF and BGP are not working with non-root vdom
616628	MIB Misspelling on "facdTrapSysCrIExpires"
611170	Wrong IP address conflict observed with message "Detect MAC address xxx to have our IP x.x.x.x."
609969	Synchronization status stuck at "Not sync" after new admin accessprofile and admin were added.
607420	Non working VRRP ADC node generates Router LSA for the active ippool addresses causing services to fail.
605465	FortiView should show the identical color when SNMP health-check result is "maintain"
604464	Coredump by IP reputation
603280	"502 Bad gateway" error in HTTP/2 with quick refresh on the html page.
602635	Excessive memory usage by httpproxy-ssl process even though the appliance is idle without traffic or when there is less traffic.
617531	Can't access device using SSH by the wrong sshd config
614682	Losing Internet access and the access of websites published via VRRP Active-Active ADC sporadically.
618606	Shutdown of Vmware FAD instance not complete
612763	Httpproxy crashes when ddos http and AV enabled
626392	Login from GUI failed because process open file reached the limit
614963	Incorrect connection(s) is shown on Dashboard SLB when waf_heur_sqlxss_inject_detect appears.
622287	All-in-one debug enhancement to record more detailed logs for troubleshooting.

# 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.

## Customer Service & Support image checksum tool

The screenshot shows the Fortinet Customer Service & Support website. At the top, a blue banner displays a welcome message to Samuel Liu and a note about Pacific Standard Time. Below this is a 'Customer Support Bulletin' section with three items related to FortiGuard AV and IPS engine updates. The main navigation area includes 'Asset' management (Register/Renew, Manage Products) and 'Assistance' (Create a Ticket, View Active Tickets, Contact Support, Manage Tickets, Technical Web Chat). At the bottom, there are 'Quick Links' and 'Resources' sections. In the 'Quick Links' section, 'Firmware Images' and 'VM Images Download' are highlighted with a red box. The 'Resources' section lists various support materials like the Customer Support Bulletin, Knowledge Base, and Fortinet Video Library.

Home | Welcome Samuel Liu  
Please be aware that all dates and times shown on this web site are Pacific Standard Time or Pacific Daylight Time.

**Customer Support Bulletin**

1. AV engine 5.355 released to FortiGuard AV engine update will be available on the FortiGuard network...
2. IPS engine 3.532 released to FortiGuard for FDS 5.4 Release of a new IPS Engine to FortiGuard Distribution Network (FortiOS 5.4)...
3. IPS engine 3.532 released to FortiGuard for FDS 5.6 Release of a new IPS Engine to FortiGuard Distribution Network (FortiOS 5.6)...

[More](#)

**Asset**

**Register/Renew**  
Register HW/Virtual appliance or software; Activate service contract or license on your registered product.

**Manage Products**  
Search, update or generate report for your registered products. Like product entitlement, description, location, entitlement and reseller etc.

**Assistance**

**Create a Ticket**  
The recommended way to contact Fortinet support team for your registered product. Please provide detailed information in the ticket to ensure efficient support.

**View Active Tickets**  
Check latest active tickets for current user; update ticket information or change ticket status.

**Contact Support**  
Contact information of Fortinet worldwide support centers.

**Manage Tickets**  
Check ticket status; add comment; update contact or view history etc.

**Technical Web Chat**  
Provide quick answers on-line for general technical questions.

**Quick Links**

- Firmware Images**
- VM Images Download**
- Service Updates**
- Product Life Cycle**
- Fortinet Service Terms & Conditions**
- Guidelines, Policies & Documents**
- Help Documents**

**Resources**

- Customer Support Bulletin**
- Knowledge Base**
- Fortinet Video Library**
- Fortinet Document Library**
- Discussion Forums**
- Training & Certification**

# Upgrade notes

## Suggestions

- The backup config file in versions 5.2.0-5.2.4 containing certificate config might not be restored properly (causing config to be lost). After upgrading to v5.2.7, please discard the old v5.2.x config file, backup the config file in v5.2.7 again.
- Keep the old SSL version predefined config to ensure a smooth upgrade.
- HSM does not support TLSv1.3. If the HSM certificate is used in VS, the TLSv1.3 handshake will fail.

**Workaround:** Uncheck the TLSv1.3 in the SSL profile if you are using the HSM certificate to avoid potential handshake failure.



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