

A decorative pattern of concentric hexagons in a light blue color, scattered across the top dark blue header area.

FortiADC - Release Notes

Version 6.0.3

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FEEDBACK

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June 8, 2021

FortiADC 6.0.3 Release Notes

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Change Log

Date	Change Description
June 8, 2021	FortiADC 6.0.3 Release Notes initial release.

Introduction

This *Release Notes* covers the new features, enhancements, known issues, and resolved issues of FortiADC™ version 6.0.3, Build 0064 .

To upgrade to FortiADC 6.0.3, see [FortiADC Upgrade Instructions](#).

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

What's new

FortiADC 6.0.3 offers the following enhancements:

- Support Subject Alternative Name (SAN) and private key password setting when generating certificate via SCEP.
- Support exporting local certificate and private key in PKCS12 format.
- Local certificate and private key can be imported by pasting text in GUI form and API call.
- Secondary/backup server is supported for user RADIUS authentication.

Hardware and VM support

FortiADC 6.0.3 supports the following hardware models:

- FortiADC 200D
- FortiADC 300D
- FortiADC 400D
- FortiADC 700D
- FortiADC 1500D
- FortiADC 2000D
- FortiADC 4000D
- FortiADC 100F
- FortiADC 200F
- FortiADC 300F
- FortiADC 400F
- FortiADC 1000F
- FortiADC 2000F
- FortiADC 4000F
- FortiADC 5000F

FortiADC Release 6.0.3 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 lists known issues in version 6.0.3, but may not be a complete list. For inquiries about a particular bug, please contact [Fortinet Customer Service & Support](#).

Bug ID	Description
0723874	CLI <code>execute certificate local generate</code> shows that the value for parameters can be configured null in 'method' option. Workaround: Do not specify null in the method part. The wrong help tip will be fixed in next 6.0.4 release.

Resolved issues

The following issues have been resolved in FortiADC 6.0.3 release. For inquiries about particular bugs, please contact [Fortinet Customer Service & Support](#).

Bug ID	Description
0717445	FortiADC sometimes overwrites FTP response code 550 with 421.
0715641	LB crashes by a certain pattern in WAF exception.
0714353	Token ID cannot be submitted when using keyboard return key.
0713723	Incorrect GLB response and garbled/unavailable event log messages.
0710197	HTTP Basic SSO fails when 2FA is enabled for users.
0709530	Daylight saving time not updated.
0708068	Intermittency issues caused by the IPv6 route.
0706398	Improve the HSM CPS performance.
0705932	FortiADC doesn't change the port number back to the original before sending the return traffic SYN-ACK.
0703692	WAF signature-search type and search here button align issue.
0703467	L2 Forward Proxy does not work.
0703381	Incompatibility version 6.1.0 between java app and FortiADC Mysqld.
0701361	AV graph does not work.
0700969	Cannot manage FortiADC after reboot through SSL when using PAT.
0700911	CPU Utilization spikes to 100% caused by sirq.
0699818	Perpetual VM license indicates expiry date.
0699499	FortiADC does not answer DNS query sent with Dig when CNAME type flag is missing.
0698833	Add option for customer to enable/disable TCP timestamp response.
0698082	FAC Invalid Token – Broken 2FA after firmware updated to 6.0.2.
0697782	"read certificate file failed" when user import a PKCS12 file without password.
0697162	With a full page of Real servers, when editing the last one, display is not correct.
0695015	Header table checkbox anonymously select all unfiltered entries.
0694749	Virtual tunnel stop to work.
0694518	Crtl+c when the vdom is being deleted will cause CLI crash.
0693408	Unable to create L2-IP VS and warning is displayed.

Bug ID	Description
0693312	RADIUS Attribute persistency does not work properly.
0690909	Adjust the order of status buttons.
0690616	Authd may crash if multiple sessions using the same user to log in.
0689295	GUI slowness with 255 real servers.
0688036	Licd memory leak.
0688034	Graph legend disappears on refresh.
0685273	Aggregate interface is still up when connected switch bond is disabled.
0684903	Web-Filter Category lookup fails intermittently.
0672970	Able to create an admin user with space as username and issues with password policy.

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 displays the Fortinet Customer Service & Support portal. At the top, a blue banner reads "Welcome Samuel Liu" and "Please be aware that all dates and times shown on this web site are Pacific Standard Time or Pacific Daylight Time." Below this is a "Customer Support Bulletin" section with three items: "AV engine 5.355 released to FortiGuard AV engine update will be available on the FortiGuard network...", "IPS engine 3.532 released to FortiGuard for FDS 5.4 Release of a new IPS Engine to FortiGuard Distribution Network (FortiOS 5.4)...", and "IPS engine 3.532 released to FortiGuard for FDS 5.6 Release of a new IPS Engine to FortiGuard Distribution Network (FortiOS 5.6)...". A "More" button is visible. The "Asset" section includes "Register/Renew" and "Manage Products". The "Assistance" section contains "Create a Ticket", "Manage Tickets", "View Active Tickets", "Technical Web Chat", and "Contact Support". The "Quick Links" section at the bottom left has a red box around "Firmware Images" and "VM Images Download". The "Resources" section at the bottom right lists "Customer Support Bulletin", "Knowledge Base", "Fortinet Video Library", "Fortinet Document Library", "Discussion Forums", and "Training & Certification".

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.

[Manage Tickets](#)
Check ticket status, add comment, update contact or view history etc.

[View Active Tickets](#)
Check latest active tickets for current user, update ticket information or change ticket status.

[Technical Web Chat](#)
Provide quick answers on-line for general technical questions.

[Contact Support](#)
Contact information of Fortinet worldwide support centers.

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 5.2.0-5.2.4/5.3.0-5.3.1 containing certificate config might not be restored properly (causing config to be lost). After upgrading to version 6.0.3, please discard the old 5.2.x/5.3.x config file and back up the config file in 6.0.3 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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