FortiADC - Release Notes

Version 6.0.1

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Change Log

Date	Change Description
2020-10-05	FortiADC 6.0.1 Release Notes initial release.

Introduction

This *Release Notes* covers the new features, enhancements, known issues, and resolved issues of FortiADC™ version 6.0.1, Build 0047.

To upgrade to FortiADC 6.0.1, 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.

What's new

FortiADC 6.0.1 offers the following new features:

Health Checks

- The default down retry value has been changed from 1 attempt to 3 attempts, allowing for more tries before determining the server status to be down. The default interval time has been changed from 10 seconds to 5 seconds, and the default timeout has been changed from 5 seconds to 3 seconds.

Interface GUI enhancement

- Interface information displayed when hovering over the port column .
- Change the port status from Up/Down to Enabled/Disabled, and only use the Up/Down for the link stat in availability.
- Remove some columns to make the interface page more concise.

Sensitive language modifications

- blacklist/whitelist changed to block list/allow list
- master/slave changed to primary/secondary

Hardware and VM support

FortiADC 6.0.1 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 6.0.1 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 6.0.1 release. For inquiries about particular bugs, please contact Fortinet Customer Service & Support.

Known issues

Bug ID	Description
668685	Restore ip reputation block list does not work on GUI. Workaround: Restore using CLI instead. GUI function will be available in 6.0.2.
637606	Display wrong items when set multi-selection of Category and Sub-Category in Filter. Fix scheduled for 6.0.2.

Resolved issues

The following issues have been resolved in FortiADC 6.0.1 release. For inquiries about particular bugs, please contact Fortinet Customer Service & Support.

Resolved issues

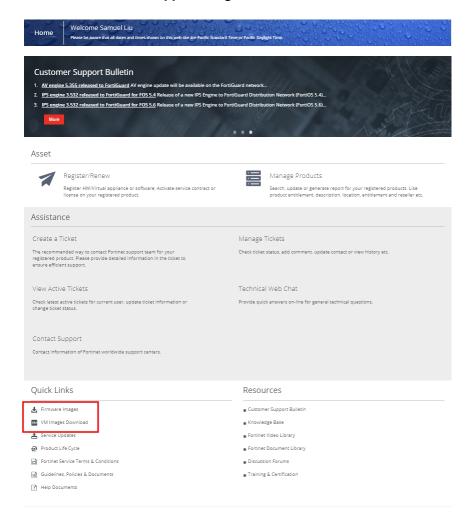| Bug ID	Description
640543	SNAT wrongly NATed after LLB failover
658496	LLB nexthop gateway remain unchange despite configuration updated
656945	FADC forwards the GET request for fetching the custom HTML form to the real server when the persistence profile is enabled
655547	Health check verification CLI and Web UI tools failing to report members UP
654163	Colomn selection shows strange 'pulldown' triangle
653209	Admin Password Issue with special characters
652382	Remote IP Monitor List on the High Availability Setting is not shown on the GUI when the language setting is Japanese
651561	Netlink interface list portX linkstat unrealistic counters output
650760	Software switch interface has displayed on the HA remote IP monitor
646954	The Diag commands do not decrypt TLS1.3
644119	CPU stucks , device is not operative
641772	OWA Logoff does not work when custom authentication form is used
623434	Users passwords are retrievable on GUI
666787	Correct the spec name on queries for dashboard GLB statistic
666784	Correct to count all kinds of zone records' traffic into total GLB query value
666162	OCSP response detail box is out the frame.
666133	Fail to add or modify GLB FQDN location list
663608	Password changing doesn't work on 6.0.0 GUI
658080	Not able to show license status on 6.0.0 GUI sometime
657865	Edit number of table entries doesn't work on 6.0.0
657564	HA not sync because of DNSSEC key on 6.0.0
657324	Httpproxy coredump in Injections payload WAF testing
657293	Httpproxy coredump in cgis.txt payload WAF testing

Bug ID	Description
657094	Support upload DNSSEC key to GLB zone
656807	Extend DNSSEC Key effective time to a long time
656615	Support dynamic WAF sigdb based on the CPU type
652930	Suggest not to hide VS availability in FortiGSLB
652709	httpproxy crash in every 11 mins.
645780	httpproxy coredump under certain WAG signaturecircumstance
618825	Cannot create CSD profile through WAF OWASP Top10 Wizard
655395	V6-forview-session and persistence table clear button missing

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

Upgrade notes

HSM does not support TLSv1.3. If the HSM certificate is used in VS, the TLSv1.3 handshake will fail.

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

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