FortiADC Release Notes

Version 5.1.7

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Monday, September 9, 2019

FortiADC 5.1.7 Release Notes

First Edition

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Change Log

Date	Change Description
9/9/2019	FortiADC 5.1.7 Release Notes initial release.

Introduction

This *Release Notes* covers the new features, enhancements, known issues, and resolved issues of FortiADC™ Version 5.1.7, Build 0271.

To upgrade to FortiADC 5.1.7, 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

There are no new features for the FortiADC 5.1.7 release.

Upgrade notes

allow-ssl-version

There is an old SSL version in the allow-ssl-version config that is not recommend; but the client may have configured it before. This is removed when you upgrade from 5.0.x to 5.1.x/5.2.x. The client may need to add it back manually for compatibility.

Hardware and VM support

FortiADC 5.1.7 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 5.1.7 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
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 5.1.7 release. For inquiries about particular bugs, please contact Fortinet Customer Service & Support.

Table 1: Resolved issues

Bug ID	Description
0576022	Backend shared-memory for GUI was improved.
0565629	A huge core file could be generated in some circumstances
0557149	The expiration of the persistence on the peer side displays incorrectly
0568200	CVE-2019-11479: Excess resource consumption due to low MSS Values (all Linux versions)
0568196	CVE-2019-11478 Excess Resource Usage (all Linux versions) and SACK Slowness (Linux < 4.15)
0568192	SACK Panic attack: CVE-2019-11477
0574789	A configuration which has a key-file with no pass phrase cannot be restored properly using the backup file.
0575881	Image upgrade to 5.1.x loses configuration due to SSLv2 being no longer supported
0571589	There could be 2000F driver failure in particular conditions leading to Single VDOM Did Not Fail-over During Customer's Upgrade
0568535	Changed GLB cname target name limit from 48 to 255
0568810	[FUSE] Confused log info "DROPPED DUE TO CONN_SCHED_UNREACH"
0525665	FortiADC uses DH public key size 127 bytes in DHE_RSA Client Key Exchange message during Healthcheck, causing failures.
0563296	LDAP Fetch is not working after upgrading to 5.x
0570321	ADC on AWS(China) has 6% ICMP packet loss; once "dia sniffer packet" starts up, packet loss disappears.
0411509	Blocking "Reverse Tabnabbing" Attack

Known issues

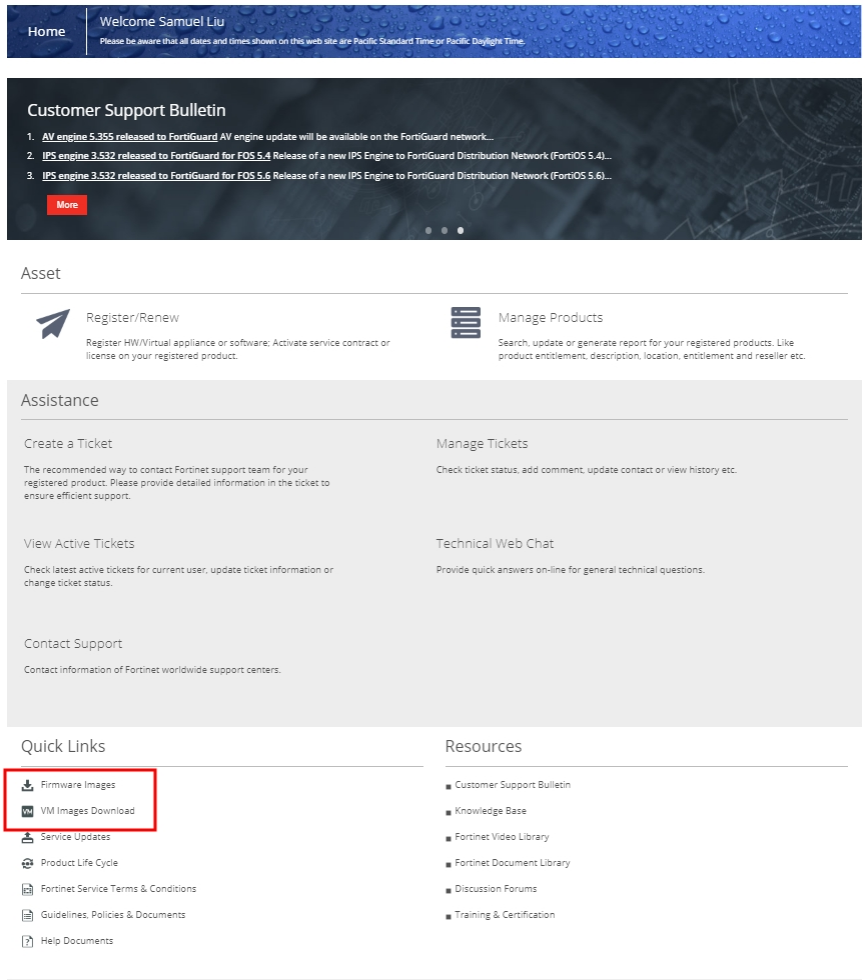
There are no known issues discovered up to the FortiADC 5.1.7 release. For inquiries about particular bugs, please contact Fortinet Customer Service & Support.

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



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