FortiClient EMS - Release Notes

Version 6.0.2

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FortiClient EMS 6.0.2 Release Notes
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Change Log

Date	Change Description
2018-09-07	Initial release.

Introduction

FortiClient Enterprise Management Server (EMS) is a system intended to be used to manage installations of FortiClient. It uses the same Endpoint Control protocol introduced in FortiOS 5.0 and enhanced in FortiOS 5.2. Like FortiOS, EMS supports all FortiClient platforms: Microsoft Windows, macOS, Linux, Android OS, and Apple iOS. FortiClient EMS does not require a Fortinet device. It runs on a Microsoft Windows server. End users with FortiClient installations can use a FortiGate or EMS to manage their installations.

This document provides the following information for FortiClient EMS 6.0.2 build 0106:

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For information about FortiClient EMS, see the *FortiClient EMS 6.0.2 Administration Guide*.

Supported platforms

The EMS server can be installed on the following platforms:

- Windows Server 2008 R2
- Windows Server 2012
- Windows Server 2012 R2
- Windows Server 2016

System requirements

The minimum system requirements are as follows.

- 2.0 GHz 64-bit processor, dual core (or two virtual CPUs)
- 4 GB RAM (8 GB RAM or more is recommended)
- 40 GB free hard disk
- Gigabit (10/100/1000baseT) Ethernet adapter
- Internet access

Internet access is required during installation. This becomes optional once installation is complete. FortiClient EMS accesses the Internet to obtain information about FortiGuard engine and signature updates.

You should only install FortiClient EMS and the default services for the operating system on the server. You should not install additional services on the same server as FortiClient EMS.

Endpoint requirements

The following FortiClient platforms are supported:

- FortiClient for Microsoft Windows
- FortiClient for macOS
- FortiClient for Linux
- FortiClient for Android OS
- FortiClient for iOS

The FortiClient version should be 5.4.0 or newer.

FortiClient is supported on multiple Microsoft Windows, macOS, and Linux platforms. EMS supports all such platforms as endpoints.

Supported web browsers

The latest version of the following web browsers can be used to connect remotely to the FortiClient EMS 6.0.2 GUI:

- Mozilla Firefox
- Google Chrome
- Microsoft Edge

Internet Explorer is not recommended. Remote access may need to be enabled from the FortiClient EMS GUI.

Licensing and installation

For information on licensing and installing FortiClient EMS, see the *FortiClient EMS Administration Guide*.

Upgrading

Upgrading from previous EMS versions

FortiClient EMS 6.0.2 supports upgrading from the following EMS versions:

- 6.0.0
- 1.2.4 and later

Downgrading to previous versions

Downgrading FortiClient EMS 6.0.2 to previous EMS versions is not supported.

Resolved Issues

The following issues have been fixed in version 6.0.2.

Dashboard

Bug ID	Description
499343	EMS 6.0.0 vulnerability statistics should show top 10 endpoints based on vulnerability count.
505565	Confusing Top 10 Vulnerable Endpoints widget.

Endpoint profiles

Bug ID	Description
483826	FortiClient sending IPsec SA delete when xauth is not completed in two minutes.
491437	Implement feature display options on the GUI.
496118	Port 8443 used by EMS for Chromebook endpoints, and should not be assigned to regular EMS.
500009	EMS failed to push Sandbox-synced high risk extensions list to FortiClient.
502345	Application blocked by FortiClient Application Firewall does not exist on EMS.
503650	Unable to add Edonkey key signature in Application Firewall.
504986	EMS hangs and becomes unresponsive for several minutes after a profile change or when applying a profile to a new group.
507489	Deleting IPsec tunnel from GUI leaves partial VPN configuration in XML, causing invalid profile.
509556	Endpoint profile proxy Sock4 activation not applying settings.
510223	EMS variable parsing error in exclusion list %de.

Install and upgrade

Bug ID	Description
467109	EMS does not retain SSL certificate after upgrading.
504451	EMS upgrade failed, as previously installed version did not complete shutdown.
505165	Error 0x80070643 when installing 6.0.1 due to Python installation.
506006	Upgrading EMS from 6.0.0 to 6.0.1 fails due to failure of one of the SQL upgrade scripts.

FortiClient deployment

Bug ID	Description
503938	Deployment failing for a few endpoints.

Known Issues

The following issues have been identified in version 6.0.2. For inquiries about a particular bug or to report a bug, contact Customer Service & Support.

Endpoints (AD domains, workgroups)

Bug ID	Description
510491	Should open endpoint details when clicking on a hostname.

Endpoint profiles

Bug ID	Description
483826	FortiClient sending IPsec SA delete when xauth is not completed in two minutes.
487488	Provide a message when profile cannot be opened due to missed signatures.
496118	Port 8443 used by EMS for Chromebooks, and should not be assigned to regular EMS.
497672	Add GUI option for allowing websites when a rating error occurs.
500009	EMS failed to push Sandbox synced high risk extensions list to FortiClient.
500061	Sandbox extension list should not be all.
510932	Profile deployment issue (endpoint profile with about 100 VPN tunnels).
511164	Client Web Filtering When On-Net enabled by default in EMS when importing profiles from FortiGate.

FortiClient deployment

Bug ID	Description
496895	When using EMS to upgrade FortiClient from 5.6 to 6.0.0, installer waits until someone logs in to start.

Notifications and email

Bug ID	Description
468475	Email alerts stopped working.
489562	Mail server rejecting EMS email alerts.

Google domains

Bug ID	Description
510733	The Chromebook daemon in EMS 6.0.1 is accepting medium ciphers for TLS.

Quarantine management

Bug ID	Description
511204	Unable to delete quarantined file from EMS console.

Other

Bug ID	Description
482404	Clearing logs via GUI is incomplete.
414539	EMS should get renewal licenses information from FDS.
502049	Summary LDAP query returned an error (code referral).
510237	If *Disable FortiGate Switch* is enabled, EMS enables *Disable Unregister* when you hit *Save*.
510557	FortiGate unable to connect to EMS using REST API.