



# FortiProxy Release Notes

Version 1.0.5

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October 16, 2018

FortiProxy 1.0.5 Release Notes

Revision 1

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# Change log

| Date             | Change Description                   |
|------------------|--------------------------------------|
| October 16, 2018 | Initial release for FortiProxy 1.0.5 |

# Introduction

FortiProxy delivers a class-leading Secure Web Gateway, security features, unmatched performance, and the best user experience for web sites and cloud-based applications. All FortiProxy models include the following features out of the box:

## Security modules

The unique FortiProxy architecture offers granular control over security, understanding user needs and enforcing Internet policy compliance with the following security modules:

- **Web Filtering**
  - The web-filtering solution is designed to restrict or control the content a reader is authorized to access, delivered over the Internet using the web browser.
  - The web rating override allows users to change the rating for a web site and control access to the site without affecting the rest of the sites in the original category.
- **DNS Filtering**
  - Similar to the FortiGuard web filtering. DNS filtering allows, blocks, or monitors access to web content according to FortiGuard categories.
- **Application Control**
  - Application control technologies detect and take action against network traffic based on the application that generated the traffic.
- **Data Leak Prevention (DLP)**
  - The FortiProxy data leak prevention system allows you to prevent sensitive data from leaving your network.
- **Antivirus**
  - Antivirus uses a suite of integrated security technologies to protect against a variety of threats, including both known and unknown malicious codes (malware), plus Advanced Targeted Attacks (ATAs), also known as Advanced Persistent Threats (APTs).
- **SSL/SSH Inspection (MITM)**
  - SSL/SSH inspection helps to unlock encrypted sessions, see into encrypted packets, find threats, and block them.
- **Intrusion Prevention System (IPS)**
  - Intrusion Prevention System technology protects your network from cybercriminal attacks by actively seeking and blocking external threats before they can reach potentially vulnerable network devices.
- **Content Analysis**
  - Content Analysis allow you to detect adult content images in real time. This service is a real-time analysis of the content passing through the FortiProxy unit.

## Caching and WAN optimization

All traffic between a client network and one or more web servers is intercepted by a web cache policy. This policy causes the FortiProxy unit to cache pages from the web servers on the FortiProxy unit and makes the cached pages available to users on the client network. Web caching can be configured for standard and reverse web caching.

FortiProxy supports WAN optimization to improve traffic performance and efficiency as it crosses the WAN. FortiProxy WAN optimization consists of a number of techniques that you can apply to improve the efficiency of communication across your WAN. These techniques include protocol optimization, byte caching, SSL offloading, and secure tunneling.

Protocol optimization can improve the efficiency of traffic that uses the CIFS, FTP, HTTP, or MAPI protocol, as well as general TCP traffic. Byte caching caches files and other data on FortiProxy units to reduce the amount of data transmitted across the WAN.

FortiProxy is intelligent enough to understand the differing caching formats of the major video services in order to maximize cache rates for one of the biggest contributors to bandwidth usage. FortiProxy will:

- Detect the same video ID when content comes from different CDN hosts
- Support seek forward/backward in video
- Detect and cache separately; advertisements automatically played before the actual videos

## What's new

This release contains the following new features and enhancements:

- FIPS-CC is now supported.

## Supported models

The following models are supported on FortiProxy 1.0.5, build 0054:

- FortiProxy 400E
- FortiProxy 2000E
- FortiProxy 4000E
- FortiProxy VM—VMware and KVM

# Product integration and support

## Web browser support

The following web browsers are supported by FortiProxy 1.0.5:

- Microsoft Internet Explorer version 11
- Mozilla Firefox version 61
- Google Chrome version 67

Other web browsers might function correctly but are not supported by Fortinet.

## Fortinet product support

- FortiOS 5.x and 6.0 to support the WCCP content server
- FortiOS 5.6.3 and 6.0 to support the web cache collaboration storage cluster
- FortiAnalyzer 5.6.5
- FortiSandbox and FortiCloud FortiSandbox, 2.5.1

## Virtualization environment support

|           |  |
|-----------|--|
| Linux KVM | <ul style="list-style-type: none"><li>• RHEL 7.1/Ubuntu 12.04 and later</li><li>• CentOS 6.4 (qemu 0.12.1) and later</li></ul>           |
| VMware    | <ul style="list-style-type: none"><li>• ESX versions 4.0 and 4.1</li><li>• ESXi versions 4.0, 4.1, 5.0, 5.1, 5.5, 6.0, and 6.5</li></ul> |

# Resolved issues

The following issues have been fixed in FortiProxy 1.0.5. For inquiries about a particular issue, please contact [Fortinet Customer Service & Support](#).

| Bug ID                                  | Description  |
|---|--|
| 480573, 480753, 505511, 506995, 513667, | The WAN optimization daemon (WAD) process crashes.   |
| 510764                                  | The web proxy should not buffer POST data after the HTTP server refused to receive it.                                   |
| 449765, 511161                          | Some GUI controls do not work as expected.   |
| 512338                                  | The WAD process crashes multiple times due to signal 6 (Aborted received).   |
| 512804                                  | FortiProxy needs to be synchronized with FortiOS 5.6.6.  |
| 511814                                  | License-based control needed for VM resource usage, such as CPUs, memory, and disk.                                      |
| 496630                                  | FortiProxy adds the HTTP date header to all responses.   |
| 509296                                  | The WAD user list is not updated based on Fortinet single sign-on.   |
| 513400                                  | Web filter profiles that have YouTube restricted and Safe Searching enabled do not work with iPhones or iPads.           |
| 512268                                  | FortiView menus are not showing the original client IP address.  |
| 512294                                  | The WAD process should not keep buffer data if the server's response does not use HTTP.                                  |
| 511398                                  | Using FTP with the TP-policy with UTM enabled fails to fetch the date from the server in passive mode.                   |
| 515327                                  | The WAD process returns "502 Bad Gateway" if the server disconnects without any data being received.                     |
| 508818                                  | The agentless NTLM proxy authentication returns "403 Authorization Failed" when the user logs in with empty credentials. |
| 515426                                  | The WAD process crashes due to receiving signal 11 (Segmentation fault).   |
| 511114                                  | The WAD process crashes multiple times when client comfort is enabled.   |
| 511362                                  | An exempt address for a server an SSL profile does not work.   |

| Bug ID | Description  |
|--------|--|
| 514942 | Contract information is not synchronized correctly for FortiProxy units in High Availability mode.   |
| 516564 | The authentication web portal does not work.   |
| 516147 | The WAD process crashes when trying to deliver the replacement block page.   |
| 516581 | The WAD process crashes if an external resource is configured.   |
| 487288 | Facebook and LinkedIn partially load in the browser when the captive portal is using Kerberos authentication and a session cookie for the web proxy. |
| 484722 | When web-auth-cookie is enabled, active authentication for HTTPS fails.  |
| 516934 | The WAD process crashes when using LDAP or NTLM authentication.  |
| 513663 | The WAD process crashes while closing an SSL session.  |
| 518286 | After the VM license is validated, the maximum number of entries in a policy is still 5.   |

# Known issues

FortiProxy 1.0.5 includes the known issues listed in this section. For inquiries about a particular issue, please contact [Fortinet Customer Service & Support](#).

| Bug ID | Description  |
|--------|--|
| 478715 | When WAN optimization crashes, the cache is not cleared.                                 |
| 491027 | Filtering the YouTube channel does not work.   |
| 490951 | The append <code>explicit-outgoing-ip</code> command is not validated.                   |
| 499787 | The FortiGuard firmware versions are not listed on the <i>System &gt; Firmware</i> page. |



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