Panda Security™. TruPrevent: Registered in U.S.A Patent and Trademark Office. Windows Vista and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and other countries. All other product names may be registered trademarks of their respective owners. D. L. BI-1915-07

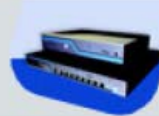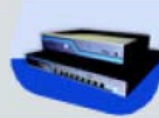# Improvements implemented in Panda GateDefender Integra HotFix Packs

HotFix Packs

Table of contents

Symbols and fonts used in this guide. Icons used in this documentation:

Note. Provides additional information and useful data.

Warning. Highlights the importance of a concept.

Tip. Useful ideas to help you get the most out of the program.

**Reference**. Other points that offer more information that you might find useful.

Fonts and styles used in this document:

Bold. Names of menus, options, buttons, windows or dialog boxes.

Code. Names of files, extensions, folders, commandline information or configuration files such as, scripts.

Italics: Names of options related to the operating system and programs and files with their own name.
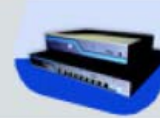
# 1. IMPROVEMENTS IMPLEMENTED IN PANDA GATEDEFENDER INTEGRA 1.10.05.0000 VERSION

❖ Fixed bugs in IMAP interception.

❖ Removed the loops in the POP3 protocol that occurred when a RETR command arrived while a previous command was still being processed.

❖ Now, URLs containing a port number and included on the white list are not filtered.

❖ Pings to a certain computer could not be blocked as there were top-priority rules that allowed them unconditionally.

❖ If you added a domain to the CF trusted sites, you could access it normally. However, if you tried to send the page form, it was filtered as the extension was considered dangerous.

❖ You could not use the vertical scroll bar on the IPSec VPN screen with Microsoft Internet Explorer.

❖ Now it is possible to add domains with the Spanish character "ñ" to the anti-spam white list.

❖ Reduced CPU usage scanning EXE files.

❖ The PPTP VPN with Radius authentication stopped working after a while as the log became full and there was no rotation.

❖ If a configuration taking up 372 KB or more was imported, the console returned an error (500) and you could not access it again.

❖ You could not enter IP addresses containing the digit 0 in the anti-spam filtering white lists and blacklists.

❖ Users with a password containing the symbol "#" caused errors in PPTP VPN authentication.

❖ Improved parsing of the IMAP protocol to handle several commands simultaneously.

❖ Update of the Web console SSL certificate
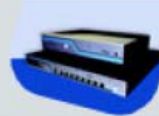
1.1 HOTFIX PACKS APPLICABLE TO VERSION 1.10.05 OF PANDA GATEDEFENDER INTEGRA

1.1.1 Improvements implemented in HotFix Pack 1.10.05.0100

❖ Removed unnecessary alerts in the slave Integra when high availability option was activated. Corresponds to individual HF: 1.10.02.0201

❖ Fixed some stability problems with VPNs stats, generating high CPU load. Corresponds to individual HF: 1.10.02.0202

❖ Fixed FTP traffic cuts with Integra in router mode. Corresponds to individual HF: 1.10.02.0203

❖ Fixed false positive detections (malformed messages) using TOP via POP3. Corresponds to individual HF: 1.10.02.0204

❖ Improved content-filter module. Over 5MB, mails are not redirected, but the event is indeed generated Corresponds to individual HF: 1.10.02.0205

❖ Fixed traffic cut under high availability mode after changing the Integra configuration. Corresponds to individual HF: 1.10.02.0206

❖ Removed unnecessary alerts from internal module regarding IPS. Corresponds to individual HF: 1.10.02.0208

❖ Improved SMTP connection management when the protocol communication is aborted from the client side. Corresponds to individual HF: 1.10.02.0209

❖ Fixed error in console when adding characters such as " ' ". Corresponds to individual HF: 1.10.02.0210

❖ Fixed false positive problem with special packet files. Corresponds to individual HF: 1.10.02.0211

❖ Ensured CPU compatibility for Integra 300 model. Corresponds to individual HF: 1.10.05.0003

❖ Fixed event reports after upgrading to version 1.10.05. Corresponds to individual HF: 1.10.05.0004

❖ Fixed problem with anti-spam engine, corrupting the internal cache and affecting the behavior of the Integra. Corresponds to individual HF: 1.10.05.0005

❖ Fixed problem when accessing the console, after upgrading to version 1.10.05. Corresponds to individual HF: 1.10.05.0006

❖ Recategorized "computer and technology" category (11) in the web filtering module that was reported as "compromised" category (10). Corresponds to individual HF: 1.10.05.0007
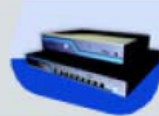
❖ Fixed problem in FTP passive mode and its interaction with ipsec. Corresponds to individual HF: 1.10.05.0008

❖ Fixed problem in the web console. Excluded users buttons were deactivated in the web filtering section. Corresponds to individual HF: 1.10.05.0009

❖ Fixed high CPU consumption when IPS module was activated. Corresponds to individual HF: 1.10.05.0010.

❖ Minor improvements in anti-malware engine.

2. HOTFIX PACKS APPLICABLE TO VERSION 1.10.02 OF PANDA GATEDEFENDER INTEGRA

2.1 Improvements implemented in HotFix Pack 1.10.02.0200

❖ Fixed problem with radius authentication for PPTP protocol. After some time, the VPN was coming down. Corresponds to individual HF: 1.10.02.0101

❖ Fixed problem when importing configurations with size over 400 KB. This security measure has been removed once the backend problem has been solved. Corresponds to individual HF 1.10.02.0102

❖ Fixed console problem when dealing with '0' in IP address formatting. Addresses such as '10.02.3.2' were reported as non-valid. This validation has been removed. Corresponds to individual HF 1.10.02.0103

❖ Fixed web filtering problems, when accessing to some categories and to some particular pages. Corresponds to individual HF 1.10.02.0104

❖ Fixed username validation in PPTP authentication. The symbol '#' was not allowed and thus this was generating authentication errors. Corresponds to individual HF 1.10.02.0105

❖ Fixed error when processing simultaneous IMAP commands. A dedicated IMAP processing queue is created. Corresponds to individual HF 1.10.02.0106

2.2 Improvements implemented in HotFix Pack 1.10.02.0100

❖ The core problem in the IMAP proxy has been solved. It corresponds to HotFix 0001
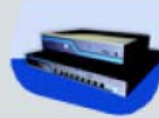
- ❖ The POP3 proxy problem which under certain circumstances caused the CPU to be at 100%, slowing down the appliance processing, has been solved. It corresponds to HotFix 0002

- ❖ The console problem by which the URLs added to the white lists and blacklists were not taken into account during the Web filtering, unless the port was specified, has been solved. It corresponds to HotFix 0003

- ❖ Modification to allow the 'ping' command to be blocked by Integra. It corresponds to HotFix 0004

- ❖ The function of the trusted sites and domains of the content filtering module has been solved so that not only the GETs are taken into account, but also the HTTP POSTs. It corresponds to HotFix 0005

- ❖ Console problem solved for Internet Explorer on viewing the IPSec VPN settings. It corresponds to HotFix 0006

- ❖ Punycode support included in the anti-spam white list. It corresponds to HotFix 0007

- ❖ The anti-malware module behavior problem while scanning certain files has been solved. It corresponds to HotFix 0008
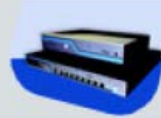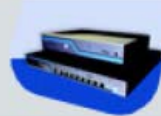
3. HOTFIX PACKS APPLICABLE TO VERSION 1.10.01 OF PANDA GATEDEFENDER INTEGR

3.1 Improvements implemented in HotFix Pack 1.10.01.0100.iso

❖ A parameter has been added to configmisc to include CIDR subnets.

❖ Memory leaks have been detected in the SMTP parser protocol when successive EHLO commands are sent in the same connection. These memory leaks can cause traffic to be blocked and random restarts of the appliance.

❖ An error has been detected in the anti-spam protection settings. Email addresses with two consecutive hyphens '—' cannot be added to white lists and blacklists. The expression that validates email addresses in the console has been modified to allow these characters.

❖ There is an error affecting Microsoft mail clients which can occasionally cause accents and extended characters to be lost in email message bodies. This error occurs when the Spam or Phishing flag is added to a message subject. The flag is entered in UTF8 Quoted Printable, complying with the RFC, but the mail client applies the first coding it finds to the entire message, and so if the message is not UTF8, it will not be viewed correctly.

❖ It has been detected that, under certain conditions (e.g. shutting down the system suddenly) there are discrepancies in the counters.

❖ A failure has been detected when restarting services, affecting the configuration of VLANS.

❖ Compatibility with a new Virus Signature File with greater capacity.

❖ Support for new Portwell Integra 300 hardware

4. HOTFIX PACKS APPLICABLE OVER 1.10.00 VERSION OF PANDA GATEDEFENDER INTEGRA

4.1 Improvements implemented in HotFix Pack hotfix-installer_1.10.00.0100.tgz

- ❖ A parameter has been added to configmisc to include subnets in CIDR format.

- ❖ Memory leaks have been detected in the SMTP parser protocol when consecutive EHLO commands are sent in the same connection. These memory leaks can cause traffic blocking and unexpected computer restarts.

- ❖ An error has been detected in the anti-spam protection settings. Email addresses containing two dashes with no space in between '—' cannot be added to the white lists and blacklists. The expression that validates the email addresses in the console has been modified to allow these characters.

- ❖ Due to an error in Microsoft mail clients, when the message subjects are marked as spam or phishing, accents and characters in the message body are occasionally lost. The mark is introduced in UTF8 Quoted Printable in accordance with the RFC, However, the mail client applies the first coding it finds to the whole message. Consequently, if the message is not UTF8, the message is incorrectly viewed.

- ❖ Under specific circumstances (for example when turning the computer off abruptly) discrepancies occur in the counters.

- ❖ An error has been detected when restarting the services, due to which the VLANS are unconfigured.

- ❖ The application of the hotfix includes compatibility with the new higher-detection virus signature file.