What's new in BitDefender 8.0.2000



About This Document

On April the 7th the BitDefender Team has released a very important product update that resolved multiple product issues and adds new features to BitDefender. This document is intended to bring some light over this update.

The document is divided into two main parts (following the updates structure):

- 1. **New Features** details all the new product features brought by the mentioned product update;
- 2. **Bugfixing** briefly lists all the bugs resolved starting with April the 7th. Complete information about each fixed bug as well as all information about applying the fix are available in our Knowledge Base in the Troubleshooting section.

For the moment the updates are available for BitDefender 8 Professional Plus, BitDefender 8 Standard Edition and BitDefender SpamDeny in English; the update will be available soon for all the other languages in which the BitDefender desktop products are released. For more information about the updates planning please contact your local sales representatives.

New Features

- A. Changes in the **General** \rightarrow **Settings** section (*Figure 1* presents the changes in a visual manner):
 - 1. The *password protection* now applies to the update settings as well.
 - 2. Enable multi-user support allows other users that might be using this computer to have their own settings for BitDefender (when using the *Fast User Switch* option present in Windows XP). Please note that you need administrative privileges in order to check/uncheck this option and a system reboot is necessary to complete the operation.

How does this option work: when you enable the multi-user support, the BitDefender console places a registry key into the *Run* section of HKEY_LOCAL_MACHINE that will allow *bdswitch.exe* to be launched at system startup. This file allows the BitDefender console to be launched and managed when the customer uses the *Fast User Switch* option in Windows XP.

Note: This option requires administrative privileges in order to be set.

- The Load/Save all settings buttons allow you to save / load the settings you have made for BitDefender to a desired location. This way you can use the same settings after you reinstall or repair your BitDefender product.
- 4. The Show splash screen option was removed.

-	Status Registration Settings About	General settings
	Enable password protection	By default, BitDefende
General	Load BitDefender when Windows starts	loads at Windows startup and then runs
General	Start minimized	minimized in the taskbar
90	Keep protection active on console exit	The BitDefender News
Antivirus	Receive security notifications	informed about the
	Show on-screen notes	latest security concerns.
P	Enable multiuser support 2	The virus report modu will send an aggregate
Antispam	Choose skin	statistic of viruses found on your PC to the
TR	O Default	BitDefender Labs. No
F	Grey Ochre	information is sent.
Firewall	0.000	If you are not the only person using this
27	ML and All Settings	computer, you should
0		BitDefender settings
Update		with a password. It is recommended that
	Apply	Default you keep the default

Figure 1: The settings area of the BitDefender console

B. The *Virus Alert* window contains new elements in order to help the user deal with the virus/suspect file that BitDefender detects.

As presented in *Figure 2*, the *Virus Alert* presents a different option depending on the type of detected file:

- ➔ If BitDefender runs across a suspect file then the alert enables the user to send the suspect file automatically to the BitDefender Virus Lab (Submit this file to BitDefender Lab) using the new submission module (see section C.);
- ➔ If BitDefender detects an infected file then the user will be able to visit directly the detected virus description page. If a description is not available for the mentioned virus then the browser will be redirected to the Virus Encyclopedia.

Virus Alert	Virus Alert
File:	File:
d:\dnt\virii\kernel\kernel32.dll.vbs	d:\copy of dnt\virii\binder\exebind.exe
Suspect with:	Infected with:
Type_VBS_Mailer	TrojanDropper.ExeBind.A
BitDefender Action:	BitDefender Action:
BitDefender has blocked this virus – your computer	BitDefender has blocked this virus – your computer
has NOT been infected.	has NOT been infected.
Submit this file to BitDefender Lab	More information about this virus >>>

Figure 2: BitDefender Virus Alerts

C. The Report Wizard

BitDefender Re BitDefender Re	eport Wizard	
Welcome to	BitDefender Report Wizard	
BitDefender ha	is encountered a suspicious file. Signa BitDefender Report Wizard	_ 🗆
This file might t BitDefender Ri	BitDefender Report Wizard	K
Please press N means.	secure your every bit	
	We are sorry for the inconvenience. If you were in the middle of something, the information you were working on might be los Please tell us about this problem. We have created a bug report that you can send to help us diagnose the cause of this er improve this software.	it. rror and
Note: This report cor		
	Use this e-mail adress to send me further questions or information regarding this matter: E-mail :	
	Note: This report contains no personally identifiable information.	
2	< Back. Next >	Cancel

Figure 3: The Report Wizard

Allows the user to submit several types of files directly to BitDefender via HTTP:

- BitDefender dumps: BitDefender 8 creates dump files (.dmp) in the current user's %temp% folder if an unexpected error occurs;
- Suspect files: the Virus Alert enables the user to submit the suspect file to the BitDefender Virus Lab;
- Quarantined files: the BitDefender Quarantine does not use SMTP anymore as the mail submission process is now replaced by the Report Wizard (that uses the HTTP protocol).
- **D.** The *Update* module has now two additional options designed to ease the user's daily work (as presented in *Figure 4*):

BitDefender 8	Professional Plus	
General Go Antivirus Antispam Firewall	Update Settings Primary update location settings Primary update location settings Image: http://update_server Image: http://update.server Image: http://upda	Update settings Updates can be performed from the local network, over the Internet, directly or through a proxy server. If you access the Internet through a proxy server, please input your proxy server's address and authentication data (if applicable). By default, BitDefender automatically checks for updates every three hours. This interval can be changed here. Tip: For silent updates, uncheck the option 'Ask for confirmation before updating and 'Always On Top download
	Apply	Default

Figure 4: The update settings

- → Alternate update location: this option allows the user to configure two BitDefender update servers. You will find this option useful especially with portable stations that are part of a BitDefender network configuration. For example you could set the first update location to a mirror server in the company and the second one to the BitDefender internet server in this scenario, when at work the user will update BitDefender from the local intranet and when at home or another location the user could update BitDefender from the internet (in this case the first location would not be available). Please note that by default both the update locations are the same, therefore you need to manually change the location.
- → Wait for reboot instead of prompting: there are certain cases when BitDefender requires a system reboot for completing the update process (critical product components). This is the reason that BitDefender prompts the user for a restart when this situation occurs. However, if the user checks this new option then BitDefender will work with the old files and the update will complete at the next system reboot. Additionally the user will not be prompted for rebooting the computer therefore the BitDefender update process will not interfere with the user's work.

E. The Virus Shield and Virus Scan default settings: a Default button has been added in order that the user will be able to retrieve the original settings without having to reinstall or repair de product (Figure 5).

BitDefender Scan Settings	BitDefender Virus Shield Settings	
Scanning options Scan boot sectors Scan files Use heuristic detection Detect incomplete virus bodies Prompt for reboot Action options Report only Prompt user for action Disinfect Delete Rename Copy to quarantine Move to quarantine Move to quarantine Show all scanned files Y Create report file Performance options	Scan accessed files and P2P transfers options	

Figure 5: The scanning settings

F. Set the scan process priority. When launching a complete system scan or when creating a scheduled scan task the user is now able to set BitDefender to work using only the idle percent of the processor time.

BitDefender Scan Settings	Intro
Scan boot sectors Scan files V Scan files V Use heuristic detection P Detect incomplete virus bodies P promet for reboot	Enter a name and a short description for this scan event: Event Name:
Action options	Scheduled_Scan
Report only Prompt user for action Disinfect	This event will run with low priority
- O Delete	Event Description:
Copy to quarantine Move to quarantine Second Action	The scheduled scan task
Report options Show all scanned files D-V Create report file Performance options Run the scan task with Low priority	·
QK Cancel	Back Next Cancel

Figure 6: Setting the low priority option for the system scan

The main advantage of using this option is that you will be able to work normally on your computer while BitDefender is running the complete system scan. On the other hand using less system resources implies a lower scan speed (therefore the scan time could increase substantially).

G. The new *BitDefender News* module – an improved model of the BDNewsAgent executable



Figure 7: The new BitDefender news module

Complete information about the *BitDefender News* module are available at: <u>http://kb.bitdefender.com/KB167-en--BitDefender-News-FAQ.html</u>

H. The BitDefender system tray icon has a different behavior depending on the different states of BitDefender (in the below example the analyzed product is BitDefender 8 Professional Plus):



When all the components of BitDefender are on then the system tray icon appears red and the File Zone/Net Zone window is normal.



When one of the BitDefender modules are off the system tray icon appears pink (in this situation the *Antispam* module is off but the *Virus Shield* and the *Firewall* are on).



When the *Virus Shield* is off the system tray icon appears pink and the File Zone window display a big red X to warn the user about the fact that the accessed files are not scanned.



When the *Firewall* is off then the Net Zone window will display the big red X. In this example we can see that the *Virus Shield* is also off but the *Antispam* module is still on as the system tray icon is pink.



When all the BitDefender components are off then the File Zone/Net zone warns the user about the *Virus Shield* and the *Firewall* components and the system tray icon appears grey (the *Antispam* module is off also).

Additionally the system tray icon will blink if there are available updates that are not yet applied (for example the user could disable the automatic update option, yet he can allow the automatic process of searching the updates – in this case BitDefender will locate the updates but will not apply them).

	Chau
	Class
	Close
	Opuons
	Help
	Disable virus Shield
L	Update now
10	Exit
6	

When you right click on the BitDefender system tray icon there are two new options:

- Enable/Disable Virus Shield
- Update now

Both the above mentioned options bring some of the antivirus options in front, for a more user friendly approach.

I. New Antispam settings.

Once you attempt to change the BitDefender Antispam configuration and forget to press the *Apply* button, at the moment you switch between the BitDefender tabs you will be automatically prompted for saving the changes.



Figure 8: Saving the changes to the Antispam settings

Additionally if you disable the *Antispam* module the *BitDefender Antispam toolbar* will automatically be unloaded from the email clients (Outlook Express and Microsoft Outlook).

Since avoiding heuristic filter detection has become quite a challenge, nowadays' inbox folders are full with more and more messages only containing an image with unsolicited content. To cope with this growing problem, BitDefender AntiSpam introduces a new filter which adds a new feature to the existing functionality, namely detecting messages containing attached images with spam content and labeling them accordingly. This filter relies on a constantly updated database of such pictures.

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Fixed Bugs

- The Large System Fonts issue has been fixed by switching the fonts style from MS Sans Serif to Arial. Complete information about the issue and how to solve it are available at: <u>http://kb.bitdefender.com/KB61-en--(KBID4503)-Wrong-appearance-of-the-BitDefender-console-when-using-large-system-fonts.html</u>
- The File Zone/Net Zone window does not warn when the Virus Shield is disabled issue has been fixed by implementing new behavior for both the respective window as well as the system tray icon. Complete information about the issue and how to solve it are available at: <u>http://kb.bitdefender.com/KB66en--(KBID3964)-The-FileZone-window-does-not-warn-about-the-Virus-Shield-being-disabled.html</u>
- The BitDefender News module now works on restricted users on NTFS partitions. Complete information about the issue and how to solve it are available at: <u>http://kb.bitdefender.com/KB147-en--(KBID5957)-The-%22news.ini%22-error-message-and-the-TODO-window.html</u>
- When BitDefender comes near the expiration period the Buy button was not available in the pop-up window that announces the user about renewing the license. Complete information are available at: <u>http://kb.bitdefender.com/KB67-en--(KBID4640)-The-'close-to-expire'-</u> <u>window-needs-the-Register-and-Buy-buttons.html</u>
- The BitDefender Cookie Control module now saves the correct direction of the cookies and does not automatically save wildcards. Complete information are available at: <u>http://kb.bitdefender.com/KB178-en--(KBID5598)-The-cookie-control-module-from-the-firewall-malfunctions.html</u>
- The registration issue has been fixed. Complete information are available at: <u>http://kb.bitdefender.com/KB99-en--(KBID-4992)-BitDefender-8-</u> registration-issues.html
- After an update .ini files corruption might occur. Our team has worked on this issue and it should be fixed. Complete information are available at: http://kb.bitdefender.com/KB98-en--(KBID5255)-Corruption-of-.ini-files.html
- On some occasions (on Windows 98) a crash could occur when exiting Microsoft Outlook. Complete information are available at: <u>http://kb.bitdefender.com/KB179-en--(KBID5754)-Possible-crashes-when-exiting-Microsoft-Outlook-on-Windows-9x.html</u>

Note: The major product update on April the 7th contains other minor fixes that have not been included in this document.

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Contact information

As a valued provider, SOFTWIN strives to provide its customers an unparallel level of fast and accurate support. The Support Center is continually updated with the newest virus descriptions and answers to common questions to help you find answers to your problems in a timely manner.

We at SOFTWIN, are dedicated to saving customer's time and money by providing the most advanced products at the fairest prices. We think that a successful business has a lot to do with good communication and a commitment to excellence in customer support.

Sales department: sales@bitdefender.com

http://buy.bitdefender.com

Technical support: support@bitdefender.com

Phone: 0040-21-233 07 80

Product web site: www.bitdefender.com

Find a local distributor: www.bitdefender.com/partner_list/

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