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Paragon Backup & Recovery[™] 2011 (Automated) Free

User Manual

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Introduction

Paragon Backup & Recovery[™] 2011 (Automated) Free is an ideal solution for those who feel strongly about the system and data protection issue, but are not willing to stuff their heads with technical peculiarities. Once installed and set up (not a big challenge even for a newbie thanks to catchy hints and a highly intelligent program engine), it will take care of your computer in such a gentle way you hardly know, until a disaster strikes. And when it does strike, Backup & Recovery[™] 2011 (Automated) Free will be ready to get everything back on track.

In this guide you will find the answers to many of the technical questions, which might arise while using our program.



Our company is constantly releasing new versions and updates to its software, that's why images shown in this manual may be different from what you see on your screen.

Product Components

- <u>Windows installation package</u> for regular system and data protection. It's the main component of the product that includes all the necessary tools to help you safe yourself from a system failure, hardware malfunction or a human factor.
- <u>Linux bootable environment</u> for disaster recovery or data retrieval. You can burn it to a CD/DVD disc with the program's wizard to increase your chances of success in case of a hard disk malfunction.

Features Overview

This chapter dwells upon key benefits and technical highlights of the product.

Key Features

Let us list some of the key features:

- <u>True live protection for system and data volumes</u>. Creating a snapshot of the whole disk system tackles the problem of backing up running applications and system locked files.
- <u>Reliable snapshot storage location</u>. Our program will find the most appropriate place to store automatic snapshots taking into account the amount of data stored on all local disks of your computer.
- <u>Backup strategy planning</u>. Our program offers a default strategy for securing a standard Windows PC, which you can modify to provide maximum security for your personal data with minimal resources and effort:
 - You can specify a backup object (all local disks or only certain volumes).
 - You can define how many snapshots are allowed in the snapshot storage location.
 - You can set what type of snapshots you'd like our program to make. Our program supports creation of full and differential snapshots.
 - You can specify exclude masks to automatically ignore irrelevant data (movies, music, etc.) during creation of snapshots.
 - And finally you can set a time-table for regular backup.

- <u>Advanced notification system</u> will keep you informed about the level of danger your system and data are in through the color indicators (green, yellow, red) in the system tray.
- **High efficiency**. We don't overload the system during backup and are really fast (approx. 1 gigabyte per minute).
- <u>Smooth system recovery</u>. You've got Linux bootable environment to help you out in case of emergency. You can burn them to CD/DVD any time you like with the program's wizard.
- <u>Selective data restore</u>. You've got the option to easily extract files and folders from a snapshot without the need to restore the whole image.
- Wizards from our flagship disaster recovery solutions, including Manage Backup Capsule Wizard, File Transfer Wizard, and Recovery Media Builder, can help you set up the required operation exactly according to your demands, for they offer to specify a lot of additional parameters.

Supported Media

- Large hard disks (up to 1,5 TB tested)
- IDE, SCSI and SATA hard disks
- CD-R, CD-RW, DVD-R, DVD+R, DVD-RW, DVD+RW, DVD-R, DVD+R double layer and also Blu-ray discs
- FireWire (i.e. IEEE1394), USB 1.0, USB 2.0 hard disks, ZIP[®] and Jazz[®] disks
- PC card storage devices (all types of flash memory, etc.)

How Does Backup & Recovery[™] 2011 (Automated) Free Protect My Computer?

Backup & Recovery[™] 2011 (Automated) Free employs a snapshot technology to protect a running Windows PC from a system failure or data loss. Snapshot is a common industry term denoting the ability to record a state of a storage device at any given moment (make a snapshot), and then preserve that snapshot as a guide for restoring this storage device in case of emergency.

So a snapshot technology opens up an opportunity to make consistent point-in-time copies of the entire disk system or separate volumes even as the data is being modified, which is actually the only option to protecting running applications and system locked files with minimal impact on your current activities.

Getting Started

In this chapter you will find all the information necessary to get the product ready to use.

System Requirements

For the Windows installation package

- Operating systems: Windows 2000 Professional and later, except for server editions, both 32- and 64-bit
- Internet Explorer 5.0 or higher
- Intel Pentium CPU or its equivalent, with 300 MHz processor clock speed
- 128 MB of RAM (256+ recommended)

- Hard disk drive with 100 MB of available space
- SVGA video adapter and monitor
- Mouse

For the Linux bootable environment

- IBM AT compatible computer with i486 or higher CPU
- 256 MB of RAM
- SVGA-compatible monitor
- Mouse (recommended)

Additional requirements

- External USB hard drive to store backup data
- Recordable CD/DVD drive to prepare our bootable environment
- Network card to send/retrieve data to/from a network computer.

Installation

To install Backup & Recovery[™] 2011 (Automated) Free, please do the following:

- 1. Click on the supplied setup file to initiate the installation
- 2. The Welcome page will inform that the application is being installed. Click **Next** to continue.
- 3. Please Read Paragon License Agreement carefully and then select the appropriate option to accept. Otherwise you won't be able to proceed with the installation.



4. **Provide Registration Information**. On the Registration page you are to provide your product key and serial number.

	Sec.
Please enter your information	
Get Free Serial	
If "Get free serial" button doesr "Copy URL to dipboard" button. default browser and paste the l	n't open registration form, please use . Then open Internet Explorer or your ink into address field.
Copy URL to dipboard	
Product Key:	
2 · · · · · · · · · · · · · · · · · · ·	
Serial Number:	
Serial Number:	
Serial Number:	

5. On the next page, click **Change** to install the program to a different location (by default **C:\Program Files\ Paragon Software\Backup & Recovery™ 2011 (Automated) Free**). Otherwise click **Next** to continue.

9	Program Files\Paragon Software\Backup and Recovery 2011 utomated) Free\	Change
((Automated) Free	

- 6. On the Ready to Install the Program page click **Install** to start the installation or **Back** to return to any of the previous pages and modify the installation settings.
- 7. The Final page reports the end of the setup process. Click **Finish** to complete the wizard.
- 8. Once the installation procedure is over you need to restart the system to activate a system driver that will enable to make hard disk snapshots in the background.



First Start

After the system restart, Backup & Recovery[™] 2011 (Automated) Free will prompt you to go through its configuration wizard. Picking only the most relevant parameters from several wizards and dialogs, it will help you initiate protection of your computer with minimal time and effort. That's why we strongly recommend you to complete it, because it's available for one time only.

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The first start wizard will guide you through the following steps:

1. On the first page it will dwell on the upcoming operation. It's just for a get-to-know goal. By clicking on available hyperlinks you can get additional information on technical terms and notions used in our program.



2. Before analyzing your disk system for a purpose of establishing a reliable snapshot storage location (this is where all automatic snapshots will be placed to), it will prompt you to plug in an external storage device, if you've got one of course.



3. The wizard will sum up the amount of data stored on all local disks of your computer and then attempt to find a location enough in capacity to hold at least one snapshot of all on-disk data, giving particular preference to external storages, for they can provide a higher level of data protection. When the analysis is over, it will either suggest a place it considers the best to create the snapshot storage location or state that you don't have any,

offering to purchase a storage device of certain capacity. In our case it picks our USB hard drive as the best location.

Would you like to use Storage on removable disk (Z:), 931.3 GB to store snapshots of your computer?
This is what we consider as the best storage location for your snapshots (recommended). However, there are other options you may choose from.
Select a new location to store snapshots

Anyway you're free to choose from all suitable locations (if several found) by clicking on the appropriate link.



As you see, the wizard can even shrink partitions to release space for the snapshot storage location, which might require the computer's restart. Please take it for granted.



All resized partitions will be automatically checked for the file system integrity during the next computer's restart. Please don't worry, it's done on purpose.

4. When done with the snapshot storage location, it will prompt you to plan a backup strategy by modifying our default strategy for a standard Windows PC (if you need it of course).



By clicking on the corresponding hyperlinks, you can:

- Specify a backup object (all local disks or only certain volumes). By default, our program will protect data on all local disks, which you can change according to your needs. Anyway we strongly recommend you to protect the system partition in any case, for it can help you in most emergency situations. Please note that Windows 7 may have MSR (Microsoft System Reserved), a special hidden partition that contains boot critical files, so to make Windows 7 start up after restore, don't forget to additionally back up this partition as well.
- Define how many snapshots are allowed in the snapshot storage location (from 1 to 4) to let our program automatically delete obsolete snapshots to release space for new ones. Keeping several snapshots however enables to reflect different time stamps of your OS and data, which can be your only remedy when, for instance, you accidentally deleted files somewhere in the past and they had already been overwritten by the time you found it out. So we strongly recommend you to keep as many time stamps as possible just in case.
- Set what type of snapshots you'd like Backup & Recovery[™] 2011 (Automated) Free to make. Our program supports creation of full and differential snapshots:
 - A full snapshot includes all contents of a backup object at the moment of its creation. If you roll back
 your system to the initial state on a regular basis, that's exactly what you're looking for. But if you want
 to have several snapshots that reflect certain time stamps, unchanged data will inevitable be duplicated
 in all archives and take additional space on the snapshot storage location.
 - A differential snapshot tackles this problem for it only contains data changed since the time of creating a full snapshot, which forms a base (or a parental image) in this case, thus considerably saving your system resources in case of keeping several time stamps. To restore this type of snapshot a full snapshot and one of its differentials are needed.
- Specify exclude masks to automatically ignore irrelevant data (movies, music, etc.) during creation of snapshots, thus additionally saving space on the snapshot storage location.
- And finally set a time-table for regular backup. For each standard periodical value (Daily, Weekly, Monthly) you can additional define a more precise schedule. Despite the fact that you're free to disable the automatic snapshot creation at all by choosing the **Don't Back up Automatically** option, we strongly not recommend you to do that.

5. As the last step the wizard will configure the snapshot storage location. Depending on your system, it will either create a folder (for an external storage device) or a special hidden partition (for a local disk) that will stay operable should the active file system be damaged.

Configuring the snapshot storage location	
Estimated time left: 0:00:00	

When the first start wizard is over, Backup & Recovery[™] 2011 (Automated) Free will inform you through the system tray that everything's ready to initiate protection of your computer, and as the first action it's about to make an initial snapshot of backup objects <u>specified in the backup strategy</u>.





No matter what your time-table for regular backup is, an initial snapshot will be automatically made once the snapshot storage location is ready to use.

You can open the console at the moment of creating the snapshot to see the statistics or cancel the operation. By clicking on available hyperlinks you can also get additional information on the subject.



Creating Recovery CD

We highly recommend you to build our Recovery CD as soon as possible, for it can increase your chances of success in case of a hard disk malfunction. As we've already mentioned, Backup & Recovery[™] 2011 (Automated) Free comes with another bootable environment based on the latest Linux kernel.

To burn our Recovery CD to a CD/DVD disc, please do the following: Copyright© 1994-2011 Paragon Software Group. All rights reserved.

- 1. Open the program's console by clicking on its icon in the system tray.
- 2. Click the Settings link and then select the Storage and Recovery tab.

	V Change settings			
Your co	Backup strategies	Storage and Recovery	Email Settings	
We've recently or Why should I	Storage There are 695.9 You can move th <u>Click here to mov</u>	GB of free space in the sn e storage location to a USE re the snapshot storage loca	apshot storage location. drive or a larger hard disk any tim ation	ie you like.
Managii	Recovery CD The Recovery Cl damaged. With it	D allows you to boot the cor s help you can browse snap	nputer from CD-ROM even if the s shots and restore the computer.	iystem is
Backup the	Create the Reco	very CD		

If clicking the Create the Recovery CD link right now, we can burn the Linux image to a CD/DVD disc.

3. Click the Create the Recovery CD link to launch a special wizard that will help you in the process.



4. Insert an empty CD or DVD disc to accomplish the operation. If the inserted disc is not empty, the wizard will suggest erasing its contents (if possible). Once the operation has been confirmed, it will delete the re-writable disc's contents and begin the recording process.



Contacting Paragon Software GmbH

If you have any questions about the company products, please do not hesitate to contact Paragon Software GmbH.

Service	Contact
Visit Paragon GmbH web site	www.paragon-software.com
Registration & updates web-service	kb.paragon-software.com
Knowledge Base & Technical Support	kb.paragon-software.com
Pre-sale information	sales@paragon.software.com

Working with Backup & Recovery[™] 2011 (Automated) Free

Here you can find all the necessary information on how to effectively work with Backup & Recovery[™] 2011 (Automated) Free.

Checking Whether My Computer is Safe

Backup & Recovery[™] 2011 (Automated) Free interacts with the user through a web-like interface with an advanced system of font and color indication.



So let's see how it works:

- It indicates three main operating states in color (red, yellow, and green) both in the console and in the system
 tray. Each obviously reflects different states your automatic snapshots are in at the moment. So even a cursory
 glance is enough to estimate the situation. Please note that this indicator only deals with automatic snapshots,
 but not those created manually.
- The most relevant information is always delivered in larger fonts to attract your attention.
- Minor settings are always hidden to focus on what is really crucial.
- Broad use of hyperlinks helps to provide better work experience.

Browsing and Using Snapshot Contents

All available snapshots, both automatic and manual, get on the snapshot list. For easy management, each snapshot has a label (creation date by default).



By clicking on the required snapshot, you call a popup menu with available commands:

Automatic snapshot Monday, July 12, 2010, 6:21 PM	Automatic snapshot Monday, July 05, 2010, 6:09 PM
Restore the snapshot	
♂ Delete ⊘ Pin	

- <u>Restore the snapshot</u> to restore the whole snapshot. Please note that all contents on the disk selected for restoring purposes will be overwritten during the operation, so make sure the snapshot you choose is up-to-date to minimize the risk of data loss.
- **Explore** to browse the snapshot contents and retrieve any files you need.
- **Delete** to delete the snapshot.
- **Pin** (available for automatic snapshots only) to suppress automatic deletion of the snapshot if you need to keep some particular time stamp for long. Please note that pinned snapshots are excluded from the backup strategy routine.

Automatic snapshot Monday, July 12, 2010, 6:21 PM	Automatic snapshot Monday, July 05, 2010, 6:09 PM	Aı Monday.
	 Restore the snapshot Explore Delete 	
Backup & Recovery		?
Full snapshot is going to You are about to pin a differ corresponding full snapshot	o be locked. rential snapshot. It also requires locking : in order to restore. Both snapshots will	of the be kept intact until
you unpin differential one.		

Changing Settings

Despite the fact that Backup & Recovery[™] 2011 (Automated) Free bases its ideology on the minimal user involvement in the operation process, it still leaves the possibility to customize any parameter. In the Change Settings dialog you can find three tabs, called <u>Backup Strategies</u>, <u>Storage and Recovery</u>, and <u>Email Settings</u>, each containing a number of parameters.

Backup Strategies

Backup strategies	Storage and Recovery	Email Settings	
System Bac now. New strategy	kup uses "Backı	ıp Strategy	" backup strategy
Backup Strategy	Under this strategy we'll Snapshots schedule Back up my files and recent snapshots in t be created automatic Volumes to back up All volumes on my cor Files to exclude: No exclude masks set	back up your data data <u>every week.</u> he snapshots stora <u>sally.</u> : <u>mputer.</u> t. Please specify w	in the following way: I want to keep <u>no more than two</u> nge. Differential snapshots should <u>hat to exclude.</u>

- You can create a new strategy. Despite the fact that our program enables to create several backup strategies, only one can be used at a time.
- You can specify an active strategy. When you change the active strategy, you will be asked to confirm deletion of all automatically created snapshots. If you've got pinned snapshots, Backup & Recovery[™] 2011 (Automated) Free will offer you to delete them as well, which may be rejected. In this case all pinned snapshots will be converted to manual.
- You can change parameters of an already existing strategy. Please note that adding more volumes as a backup object equals to changing of the active backup strategy, so you will also be asked to confirm deletion of all automatically created snapshots. However if you've attached a new local disk and you've got all local disks as a backup object, Backup & Recovery[™] 2011 (Automated) Free will automatically add it to the backup strategy routine, so you don't need to change anything.
- You can rename a strategy.
- You can delete a strategy.

Storage and Recovery

backup strategies	Storage and Recovery	Email Settings	
Storage	0 		
There are 695.9	GB of free space in the sn	apshot storage location.	
You can move th	e storage location to a USB	drive or a larger hard disk any time you like.	
Click here to mov	ve the snapshot storage loca	ation	
Recovery CD			
	allows you to boot the con	nputer from CD-ROM even if the system is	
The Recovery CI damaged. With its	s help you can browse snap	anota dna reacore the computer.	

- You can move and/or resize the snapshot storage location. As we've already mentioned, first time you start Backup & Recovery[™] 2011 (Automated) Free, it attempts to find a place for a reliable and effective snapshot storage location. Your system however may not offer resources to do that. So our program has to apply a roundabout way (e.g. resize the system partition). Nevertheless, after purchasing an external storage device, you can reconfigure the snapshot storage location to increase the safety level for your snapshots.
- You can burn our Linux bootable environment to a CD/DVD disc.

Backup strategi	ies Storage a	nd Recovery	Email Settings			
Email account options						
Outgoing mail server (SMTP):						
User email address:		Enter an email	address here			
My outgoing server requires authentication						
User name:	Enter a user name here					
Password:	Enter a password here					

To send support request to Paragon Support Team, you need to set the following options:

- Outgoing mail server (SMTP). To send messages by using the built-in mail client, it is necessary to have access to a computer running an SMTP (Simple Mail Transfer Protocol) server. All outgoing messages are first sent to the SMTP server, which in its turn delivers them to the required recipients. The address may be represented as a traditional Internet host name (e.g.: mail.com) or as an IP numeric address (e.g. xxx.xxx.xxx).
- User e-mail address. Specify an e-mail address that has been assigned by the Internet Service Provider or organization's e-mail administrator.
- **My outgoing server requires authentication**. Activate the option to allow the program to make authentication on the server before sending messages.

- User name. Enter the name that will be used to log in to the e-mail account. Copyright© 1994-2011 Paragon Software Group. All rights reserved. - Password. Enter the password that will be used to access the mail server.

More Control on Computer Snapshots

Besides the automatic snapshot creation to the snapshot storage location, Backup & Recovery[™] 2011 (Automated) Free enables to manually make a snapshot of the entire hard disk or separate volumes to one of the following locations any time you like:

- Backup to the current snapshot storage location;
- Backup to a local mounted (with drive letter assigned) partition;
- Backup to a network drive to stand a better chance of success in case of a hard disk failure.



After you've chosen the required backup destination, Backup & Recovery[™] 2011 (Automated) Free will automatically check its available space and notify if it cannot be used. Moreover it will suggest an easy to understand snapshot name, which however can be modified.

System and Data Recovery

Backup & Recovery[™] 2011 (Automated) Free is exceptionally equipped for disaster recovery. You can easily restore specific data from a snapshot or the whole snapshot:

- Directly from the console under Windows;
- From our Linux bootable environment.

Restoring Separate Files and Folders under Windows

If some files have been lost by an accident, the most effective way is to retrieve them from an existing snapshot directly under Windows:

- 1. Open the program's console by clicking on its icon in the system tray.
- 2. Click the **Restore or browse the computer at the point it was when we saved it** link to see all available snapshots, both automatic and manual. For easy management, each snapshot has a label (creation date by default).



3. Click on a snapshot and then select **Explore**. To restore the whole snapshot, please use the **Restore the snapshot** option.



4. When having to do with a snapshot containing several volumes (just our case), please additionally select a partition, where the required data is located.



5. Browse for a file or folder you need to restore. When found, call the popup menu (right click of the mouse button) for it and then select **Export**.



6. Specify a place where the file or folder will be extracted to. We prefer to restore the data to a new location.

V Select a destination folder for the export operation				
<u>L</u> ook in:	💽 New Volume (D:) 🔽 🔯 💥 🛃			
	Address: D:/			
<u>D</u> isk Drives	Name	Date		
	👾 🗐 Local Disk (C:)			
	🕀 🕕 archdb	6/28/2010 5:52:05 PM		
	🕀 🌗 copy_2_vmware	8/24/2009 5:21:50 PM		
<u>N</u> etwork Places	🕀 🕕 PerfLogs	7/14/2009 7:20:08 AM		
	🕀 🌗 Program Files	8/24/2009 5:12:16 PM		
	🐵 🌗 Program Files (x86)	6/28/2010 5:44:03 PM		
	🕀 🌗 Users	8/24/2009 5:04:05 PM		
	🖭 퉲 Windows	8/24/2009 5:08:11 PM		
	🗝 🗟 New Volume (D:)			
	👜 💿 DVD RW Drive (E:)			
	😟 🐨 🐷 EXTERNAL (Z:)			

Restoring System from Linux recovery environment

If your Windows fails to boot, first thing you should try is to load **the Recovery CD** to either copy all corrupted or missing system files from an existing snapshot to the system partition or restore the whole snapshot (recommended):

1. Start up the computer from the Recovery CD.

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2. Launch the **Simple Restore Wizard** to restore the whole snapshot. To browse contents of existing snapshots and restore separate files and folders, please use the File Transfer Wizard.



- 3. On the Wizard's Welcome page, click the Next button.
- 4. On the What to Restore page, you can see a list of available snapshots (if several). When you find your image, double click on it to proceed.

Paragon Simple Restore Wizard			
10	What to restore		
* <i>49</i>	Please select the file with partition or hard disk image.		
COLUMN A	You can select image from list below (on Double click):		
	* Created on Archive name		
	• 2010 Jul 12 14:21:26 My computer, as of 7/12/2010 6:12:36		
	 2010 Jul 05 14:09:41 My computer, as of 7/5/2010 6:02:39 		
	● 2010 Jun 28 14:00:17 ¹ My computer, as of 6/28/2010 5:50:4;		
* 3 *	- Select Image		
	/mnt/disk/sda1/DBHStorage/N{00de86c2-a8a3-4981-940e		
· * **	To start restore process click Next.		
Help (F1)	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel		

5. You will be notified that all files created after the snapshot date will be lost. So it's recommended to select the most recent snapshot to minimize the risk of data loss.

Paragon Simple Restore Wizard				
1		What to restore		
* 120		Please select the file with partition or hard disk imag	e.	
* PRZU	132	You can select image from list below (on Double clic	k):	
9		Warning 🛛 🛛		
	Are you sure you want to restore backup archive created on 2010 Jul 27 05 14:09:41?			
.C	All documents,	created or modified after this date, will be lost.	3/2010 5:5	
		Yes No		
1		/mnt/disk/sda1/DBHStorage/N{00de86c2-a8a3-49	81-940e	

6. In the Progress window you can see in real-time a detailed report on all actions carried out by the program.

Progress information				
Operations list:	Suboperation progress			
1: Restore partition or disk	Restore partition or disk			
	Operation progress			
	Time elapsed: 00:04:22 Time to finish: 00:08:59			
	Copied so far: 3.2 GB Read so far: 3.2 GB (18.1 MB/s)			
	To copy: 6.7 GB Write so far: 3.2 GB (46.7 MB/s)			
	Overall progress			
Searching for Microsoft Windows of	Searching for Microsoft Windows on Hard Disk 2, Partition 0			
Restore First Track (disk 2) from file: /mnt/disk/sda1/DBHStorage/N{00de86c2-a8a3-4981-940e-30981da61				
Processing file: /mnt/disk/sda1/DBHStorage/N{00de86c2-a8a3-4981-940e-30981da61ac4}20102806135047				
Restore Primary partition 1 (disk 1) from file: /mnt/disk/sda1/DBHStorage/N{00de86c2-a8a3-4981-940e-305				
Data writing				
Processing file: /mnt/disk/sda1/DBHStorage/N{00de86c2-a8a3-4981-940e-30981da61ac4}20102806135047				
Cancel				

7. When done, click **Finish** and then restart the computer.



After the restore operation, all on-disk partitions will be automatically checked for the file system integrity during the next system restart. Please don't worry, it's done on purpose.

Troubleshooter

Here you can find answers to the most frequently asked questions that might arise while using Backup & Recovery™ 2011 (Automated) Free:

Q: Is there any possibility to make automatic snapshots of separate partitions?

A: Certainly, you can specify volumes to back up when <u>planning your backup strategy</u> or at any time from the Change Settings dialog, the <u>Backup Strategies</u> tab.

Q: Could Backup & Recovery[™] 2011 (Automated) Free make snapshots strictly according to a set timeframe?

A: Certainly, again when <u>planning your backup strategy</u> or at any time from the Change Settings dialog, the <u>Backup</u> <u>Strategies</u> tab, just click on the current time-table, then select **Set up precise schedule...** to specify when exactly you'd like snapshots to be made.

Q: I've manually backed up all partitions of my hard disk through the **Back up the entire hard drive or specific disks** option, but the program indicator is still red. Is it a kinda bug?

A: The color indicator both in the console and in the system tray only deals with automatic snapshots, but not those created manually. If you feel like manually backing up system and data, you'd better use Paragon Backup & Recovery Home or Suite editions - it's more efficient in this.

Q: In the program group I've found a subfolder named Advanced. What's that?

A: In this folder you can find wizards of our flagship disaster recovery solutions, with the help of which you can set up the required operation exactly according to your demands, for they offer to specify a lot of additional parameters. Please note however that these wizards are for experienced users only, who know exactly what they need. We've put them for your friends, who do prefer traditional-like wizards. If you personally feel like using these wizards, then you'd better use Paragon Backup & Recovery Home or Suite editions.

Q: I've connected an external storage, but Backup & Recovery[™] 2011 (Automated) Free doesn't enable to create the snapshot storage location on it. What's the problem?

A: Most likely Backup & Recovery[™] 2011 (Automated) Free has just had not enough time to recognize your storage device. To tackle this issue please close the console, re-connect the device, and then try to create the snapshot storage location. If still doesn't, please additionally restart the computer.

Q: Backup & Recovery[™] 2011 (Automated) Free requires the system restart to create the snapshot storage location. Is that normal behavior?

A: It's only normal if our program resizes your system partition to make room for the on-disk snapshot storage location. In all other situations - it's not, so please check, whether the VSS service is active or ask your friends to do that. If VSS is active, but Backup & Recovery[™] 2011 (Automated) Free still requires the system restart, please address Paragon Support Team: <u>http://www.paragon-software.com/support/index.html</u>

Q: Could I create the snapshot storage location on a network share?

A: The current version of the program doesn't support this functionality.

Q: So where the snapshot storage location is located?

A: If you create the snapshot storage location on one of your internal hard disks, then it'll be on a special hidden partition (called the backup capsule in other products from Paragon), which can only be accessed with Paragon's products. If on an external storage device, then Backup & Recovery[™] 2011 (Automated) Free will create a separate folder to keep snapshots, so they will be available as any other file stored on that device.

Q: What does the gray indicator in the system tray mean?

A: It means Backup & Recovery[™] 2011 (Automated) Free is initializing and cannot show the console at the moment.

Q: What should I do when the program operates incorrectly, but I've not found my problem in this troubleshooter?

A: Please address Paragon Support Team: http://www.paragon-software.com/support/index.html