

Jetico Product Release Notes: BestCrypt v.8

Note: This document is regularly updated and is subject to change without notice. We invite you to share your feedback with us, including reporting issues with our products, via our online contact form at www.jetico.com/contact/.

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1. Minimum System Requirements

- 10 MB disk space
- IBM PC/AT or PS/2 or compatible, with a 486 CPU or higher

2. Supported Operating Systems

BestCrypt supports the following operating systems, including 32-bit and 64-bit versions:

- Windows 7
- Windows Vista
- Windows XP
- Windows 2008 Server
- Windows 2003 Server
- Windows 2000
- Windows NT
- Windows 9x (32-bit only; updates valid through BestCrypt v.8.03.2)
- Windows ME (32-bit only; updates valid through BestCrypt v.8.03.2)

3. Product Updates

16-September-2011 | v.8.23.2 | driver 4.34

Added the ability to disable thumbnail cacheing in Windows 7

02-September-2011 | v.8.23.1 | driver 4.34

Fixed occasional system crash when copying many files to large container stored on USB device.
Updated Container Guard utility for compatibility with Mac version of BestCrypt.
Latvian translation is now available.

04-July-2011 | v.8.23 | driver 4.32

BCTextEncoder utility now included; accessible through Utilities menu of BestCrypt Control Panel.
Fixed minor bugs.

28-June-2011 | v.8.22.2 | driver 4.31

Fixed error in creating hidden part in containers stored on external disk drives with large sector size.

10-June-2011 | v.8.22.1 | driver 4.30

Fixed error in creating large containers.

20-May-2011 | v.8.22 | driver 4.29

Accelerated container creation procedure.

28-March-2011 | v.8.21 | driver 4.28

Fixed occasional crash of Windows XP at container dismount.

17-March-2011 | v.8.21 | driver 4.27

Resolved issue with mounting containers on a new drive letter on computers running Windows XP.

09-March-2011 | v.8.21 | driver 4.26

BestCrypt v.8.21 now includes BCWipe v.5.

17-February-2011 | v.8.20.9 | driver 4.26

BestCrypt virtual drives now satisfy requirements of Microsoft Hyper-V virtual machines and can be attached to the machines as physical disk devices both through IDE and SCSI interfaces. At this time, the feature is unique for BestCrypt and not supported by any known competitors.

28-January-2011 | v.8.20.8 | driver 4.24

Corrected CryptoSwap utility to properly encrypt swap files located on FAT32 drives.

Improved dismount procedure for some system configurations.

Fixed key generator modules to resolve an issue with a special symbol in Dutch.

03-December-2010 | v.8.20.7.5 | driver 4.24

Resolved conflict (system hang) with Norton 360 installed on multi-core Intel processors.

30-August-2010 | v.8.20.7.2 | driver 4.24

Resolved accidental dismount of containers at forced logoff in Terminal Sessions.

19-August-2010 | v.8.20.7.1 | driver 4.24

Modified BestCrypt subscription reminder to avoid displaying multiple messages.

03-August-2010 | v.8.20.7 | driver 4.24

Upgraded key generator modules to support future Enterprise editions of the software.

31-May-2010 | v.8.20.6.3 | driver 4.24

Modified operation of creating containers with 3DES algorithm to resolve "Unable to format" error which only happened on multi-processor systems.

Fixed error in re-encryption or header encryption for containers stored on drives formatted with sector size greater than 512 bytes.

07-May-2010 | v.8.20.6.2 | driver 4.24

Resolved the problem of duplicated drive letters in the left pane of BestCrypt Control Panel.

12-April-2010 | v.8.20.6.1 | driver 4.24

BestCrypt is now compatible with Raxco's PerfectDisk boot defragmenter.

22-March-2010 | v.8.20.6 | driver 4.24

Fixed minor issues in BestCrypt AutoUpdate.

BestCrypt Setup now works in XP-compatible mode on Windows 7/Vista.

Improved BestCrypt Plug-in Manager.

22-January-2010 | v.8.20.5 | driver 4.24

Fixed occasional error in driver installation on Windows 7 and Windows Vista.
Fixed errors in mounting containers in non-elevated mode on Windows 7 and Windows Vista.

23-December-2009 | v.8.20.3 | driver 4.23

Corrected dismount procedure on some system configurations of Windows XP.
Corrected mounting of several containers on Windows 7.
Fixed issue of installing previous versions for users allowed to do so according to their old license agreement.

10-December-2009 | v.8.20.2

Fixed compatibility issue with password management programs.

25-November-2009 | v.8.20.1

Minor enhancements.

17-November-2009 | v.8.20

1. Full support of Windows 7 added.
2. XTS encryption mode added.
3. Benchmark utility added to calculate time needed to encrypt and decrypt data on your system for every installed algorithm and encryption mode.

20-May-2009 | Control Panel v.8.06.1 | Driver: v.4.21

Dismount problem for containers mounted using Remote Connection resolved.

09-December-2008 | Control Panel v.8.06 | Driver: v.4.20

Occasional problem of mounting containers on Korean Windows fixed. Damaging data during copy files with Total Commander fixed.

26-September-2008 | Control Panel v.8.05.6 | Drivers Vista/XP/2003 Server/2000: v.4.18, ME/9x: v.2.62, NT: v.2.26

Occasional error in showing mounted virtual drives by Explorer fixed.

01-September-2008 | Control Panel v.8.05.5 | Drivers Vista/XP/2003 Server/2000: v.4.17, ME/9x: v.2.62, NT: v.2.26

Conflict with Kaspersky Internet Security resolved.
Kadir Demirel has translated BestCrypt to Turkish.

22-July-2008 | Control Panel v.8.05.4 | Drivers Vista/XP/2003 Server/2000: v.4.16, ME/9x: v.2.62, NT: v.2.26

The software now includes the new version (v.2) of BestCrypt Volume Encryption:
<http://www.jetico.com/encryption-bestcrypt-volume-encryption/>
Error in dismounting several selected drives from Windows Shell fixed.

01-July-2008 | Control Panel v.8.05.2 | Drivers Vista/XP/2003 Server/2000: v.4.14, ME/9x: v.2.62, NT: v.2.26

Guard Utility is fixed to allow creating containers with SHA-256 key generator.

07-June-2008 | Control Panel v.8.05.1 | Drivers Vista/XP/2003 Server/2000: v.4.14, ME/9x: v.2.62, NT: v.2.26

Automatic Update utility has been upgraded to be able to download from mirror site.
BestCrypt now can mount containers stored on a drive mounted as a subfolder of other NTFS drive - in full mode.
Counter of GDI objects for BCResident process has been fixed.
BestCrypt virtual drives are no longer corrupted when the computer is going to Hybrid Sleep Mode on Windows Vista system.

28-May-2008 | Control Panel v.8.05 | Drivers Vista/XP/2003 Server/2000: v.4.13, ME/9x: v.2.62, NT: v.2.26

Guard Utility is enhanced to guard key block files (.kbb) and BCArchive files (.bca).
Ability to set the option *Mount for the current user/all users* in "New Container" procedure.
French translation added.

22-April-2008 | Control Panel v.8.04.4 | Drivers Vista/XP/2003 Server/2000: v.4.13, ME/9x: v.2.62, NT: v.2.26

Help documentation in Chinese language is available.
Minor bugs fixed.

08-April-2008 | Control Panel v.8.04.2 | Drivers Vista/XP/2003 Server/2000: v.4.13, ME/9x: v.2.62, NT: v.2.26

Minor bug in public key encryption (512-bit keys) fixed.

19-March-2008 | Control Panel v.8.04.1 | Drivers Vista/XP/2003 Server/2000: v.4.13, ME/9x: v.2.62, NT: v.2.26

Farsi and Italian translations are available.

13-March-2008 | Control Panel v.8.04.1 | Drivers Vista/XP/2003 Server/2000: v.4.13, ME/9x: v.2.62, NT: v.2.26

BestCrypt Setup program fixed to allow separate installation of BestCrypt Volume Encryption.

28-February-2008 | Control Panel v.8.04 | Drivers Vista/XP/2003 Server/2000: v.4.13, ME/9x: v.2.62, NT: v.2.26

Implemented practical countermeasures against attack described in the article, *Cold Boot Attacks on Encryption Keys*: <http://citp.princeton.edu/pub/coldboot.pdf>. For more detailed information about the attack and the countermeasures, see question 2.6 in BestCrypt FAQ: <http://www.jetico.com/support-bestcrypt-faq/>

05-February-2008 | Control Panel v.8.03.2 | Drivers Vista/XP/2003 Server/2000: v.4.13, ME/9x: v.2.62, NT: v.2.26

Two procedures running from Windows Explorer fixed: *Create New BestCrypt container* and *Change Container Properties*.

19-December-2007 | Control Panel v.8.03.1 | Drivers Vista/XP/2003 Server/2000: v.4.13, ME/9x: v.2.62, NT: v.2.26

Translations to Chinese and Czech languages are available.

18-October-2007 | Control Panel v.8.03 | Drivers Vista/XP/2003 Server/2000: v.4.12, ME/9x: v.2.62, NT: v.2.26

First multi-language version of BestCrypt released. To optimize multi-language support, version of BestCrypt for Windows 9x/ME is now available as a separate installation program. Translations to Arabic and Russian languages are available.

15-September-2007 | Control Panel v.8.02.9 | Drivers Vista/XP/2003 Server/2000: v.4.12, ME/9x: v.2.62, NT: v.2.26

Occasional crash of BestCrypt Control Panel fixed.

Bug fixed in *Mount as subfolder* command.

The software is now compatible with Nero InCD utility.

30-July-2007 | Control Panel v.8.02.6 | Drivers Vista/XP/2003 Server/2000: v.4.11, ME/9x: v.2.62, NT: v.2.26

Test box for Keyboard Filter now shows non-English characters correctly.

Minor bugs fixed.

20-June-2007 | Control Panel v.8.02.4 | Drivers Vista/XP/2003 Server/2000: v.4.11, ME/9x: v.2.62, NT: v.2.26

Fixes:

1. Error in creating hidden part in containers with encrypted key block;
2. Error in mounting containers from command-line prompt.

Enhancements:

1. Added support for requests from BestCrypt Corporate Edition;
2. Includes the latest enhancements of BestCrypt Volume Encryption v.1.98.1.

15-May-2007 | Control Panel v.8.02 | Drivers Vista/XP/2003 Server/2000: v.4.10, ME/9x: v.2.62, NT: v.2.26

Commercial version 8.02 released, which includes BCWipe v.3.10.5, BCArchive v.1.08.3 and updated BestCrypt Volume Encryption v.1.97.4.

24-April-2007 | Control Panel v.8.01.2b | Drivers Vista/XP/2003 Server/2000: v.4.10, ME/9x: v.2.62, NT: v.2.26

Solved problems:

- Errors in installation process in Windows 98/ME;
 - Error in getting free disk space in Windows 98/ME;
 - Occasional error in mounting virtual drives as removable devices for all users in Windows Vista.
- Minor enhancements in user interface program.

Now includes updated BCWipe v.3.10.5, updated BCArchive v.1.08.3 and BestCrypt Volume Encryption v.1.97.2.

05-April-2007 | Control Panel v.8.01b | Drivers Vista/XP/2003 Server/2000: v.4.09, ME/9x: v.2.62, NT: v.2.26

Solved problems:

- Mounting containers from write-protected disks;
- Conflict with Symantec GoBack utility;
- Incorrect assigning drive letters for removable virtual drives mounted for current user only.

Includes updated BCArchive v.1.08 with enhanced recovery procedures and translation to German language.

**15-March-2007 | Control Panel v.8.00.5b | Drivers Vista/XP/2003 Server/2000:
v.4.08, ME/9x: v.2.62, NT: v.2.26**

Fixed problem of preventing modification time attribute of container file when its hidden part is mounted.

Includes updated BCWipe v.3.10.4 and BestCrypt Volume Encryption v.1.96.

**02-March-2007 | Control Panel v.8.00.4b | Drivers Vista/XP/2003 Server/2000:
v.4.07, ME/9x: v.2.62, NT: v.2.26**

AutoUpdate utility in Windows Vista asks for user's rights elevation when needed.

Dismount hot key functionality fixed.

Occasional refusing to dismount virtual drives is fixed.

Includes updated BCWipe v.3.10.3.

**22-February-2007 | Control Panel v.8.00.3b | Drivers Vista/XP/2003 Server/2000:
v.4.06, ME/9x: v.2.62, NT: v.2.26**

Dismounting and drive letter support is enhanced in Windows Vista.

Support of mounting containers as subfolders on NTFS disks is fixed.

Mounting network containers fixed.

Includes updated BCWipe v.3.10.1.

**08-February-2007 | Control Panel v.8.00.1b | Drivers Vista/XP/2003 Server/2000:
v.4.05, ME/9x: v.2.62, NT: v.2.26**

The following issues are fixed:

- Incorrect installation of incomplete set of utilities;
- Computer hangs occasionally when large containers are mounted;
- AutoUpdate utility for Windows Vista does not require administrative privileges anymore;
- Error in mounting containers stored on CD/DVD disks;
- Minor corrections of Help documentation and texts in user interface.

**01-February-2007 | Control Panel v.8.00.b | Drivers Vista/XP/2003 Server/2000:
v.4.04, ME/9x: v.2.62, NT: v.2.26**

New 8.00 beta version of BestCrypt is announced.