



CASPER SECURE™ DRIVE BACKUP

SMARTRESTORE GUIDE
v4.0

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Introduction

Casper SmartRestore™ makes restoring a backup simple. When you boot your computer from a Casper Secure Startup Disk or a backup disk equipped with the Casper Secure Startup and Recovery Environment, SmartRestore automatically locates all available backups for your computer. You choose which backup to restore, and Casper SmartRestore does the rest.

NOTE: This guide provides an overview of Casper SmartRestore. For additional assistance, please refer to the Casper Secure User Guide or detailed help files included within the program.

System Requirements

- Windows 8, Windows 7, Windows Vista, Windows XP, or Windows 2000 Workstation

NOTE: The Casper disk imaging feature is supported only on Windows 7 and later. Background copying not supported on Windows 2000.

- 500MB available disk space
- 512MB RAM (1GB or more recommended)
- Backup device (additional internal or external hard disk drive)

Getting Started

Casper SmartRestore will start automatically whenever you boot your computer from a Casper Secure Startup Disk. If you do not have a Casper Secure Startup Disk, you can create one by using the Casper Secure Startup Disk Creator on another computer when necessary. For details on creating and using a Casper Secure Startup Disk, please see the **Casper Secure Startup Disk Creator Guide**.

If you added the Casper Secure Startup and Recovery Environment directly to your backup disk, Casper SmartRestore will also start automatically when you boot your computer from your backup disk. For details on creating a backup disk which includes the Casper Secure Startup and Recovery Environment, please refer to the **Creating a Restore-Point Backup** example in either the **Casper Secure SmartStart Guide** or **Casper Secure User Guide**.

Booting a computer from either a Casper Secure Startup Disk or a backup disk equipped with the Casper Secure Startup and Recovery Environment may take several minutes. Once it has completed the boot process, Casper SmartRestore will attempt to automatically identify your most recent backup and prompt you to begin the restore. If your backup is not attached, or if Casper SmartRestore is unable to locate it or identify the Windows system disk, Casper SmartRestore will open the Casper Secure Drive Backup console so that you can perform a manual restore. For details on using the Casper Secure Drive Backup console to perform a manual restore, please see **Restoring a System Backup** in the **Casper Secure User Guide**.

NOTE: While booted and running from a Casper Secure Startup Disk or from another backup disk equipped with the Casper Secure Startup and Recovery Environment, you can attach a backup disk to automatically restart Casper SmartRestore. For example, if your backup was not attached when you originally booted your computer from the Casper Secure Startup Disk and the Casper Secure Drive Backup console is currently displayed, attaching your backup disk will automatically restart Casper SmartRestore.

Restoring a System Backup

If your computer's Windows system disk fails or becomes corrupted, you can restore your computer to working order from your Casper backup. When using Casper SmartRestore, the process is essentially the same whether you have a bootable backup, a restore-point backup, or a combination of both.

If you created a restore-point backup and added the Casper Secure Startup and Recovery Environment to the backup disk, you can boot your computer directly from the backup disk to start Casper SmartRestore and perform the restore. When restoring a bootable backup, or when the Casper Secure Startup and Recovery Environment has not been added to the backup disk, the Casper Secure Startup Disk must be used to boot the computer to start Casper SmartRestore and perform the restore.

The following examples illustrate how to use Casper SmartRestore to restore a backup to your Windows system disk.

Example 1: Restoring the Most Recent System Backup. This example demonstrates how to restore the most recent backup identified by Casper SmartRestore.

Example 2: Restoring an Earlier System Backup. This example illustrates how to select a specific restore-point to restore your Windows system disk to an earlier point-in-time.

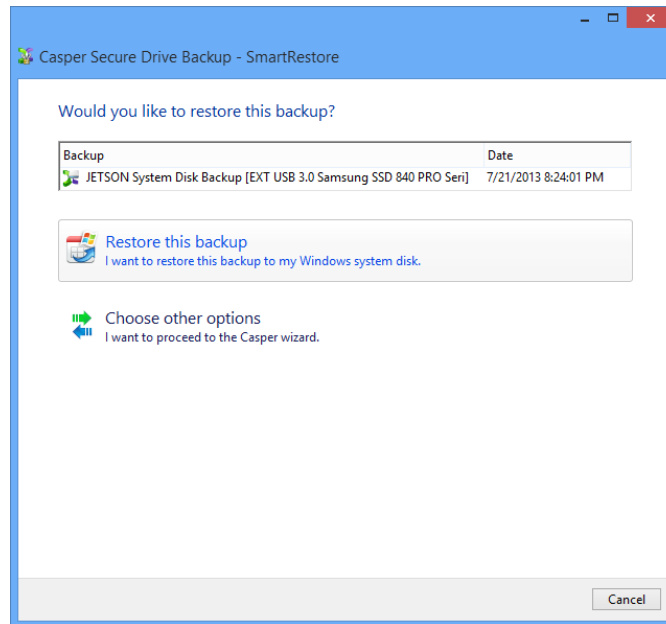
Example 3: Restoring a Different System Backup. This example shows how to choose which backup to restore when multiple backups have been discovered for the computer.

Example 1: Restoring the Most Recent System Backup

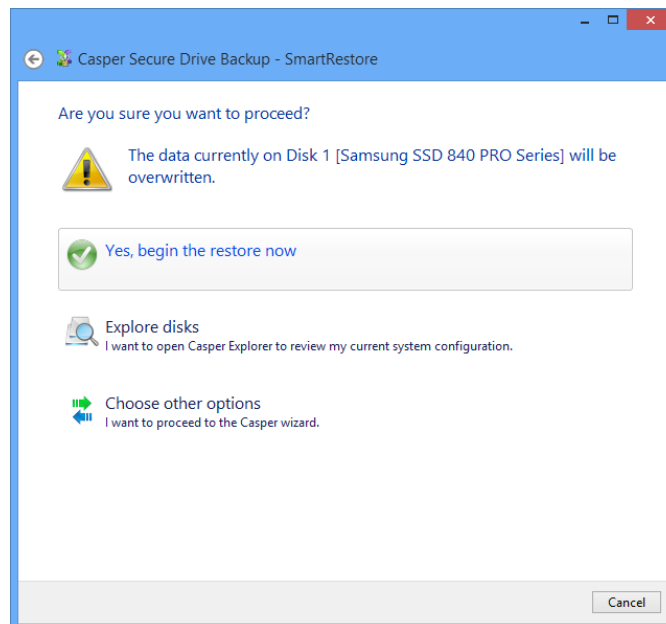
When SmartRestore begins, it will always prompt you to restore the most recent backup first.

Assuming the computer is presently booted to the Casper Secure Startup and Recovery Environment and SmartRestore was able to locate your backup, the following procedure illustrates how to quickly restore the most recent backup to either the original Windows system disk or a replacement disk.

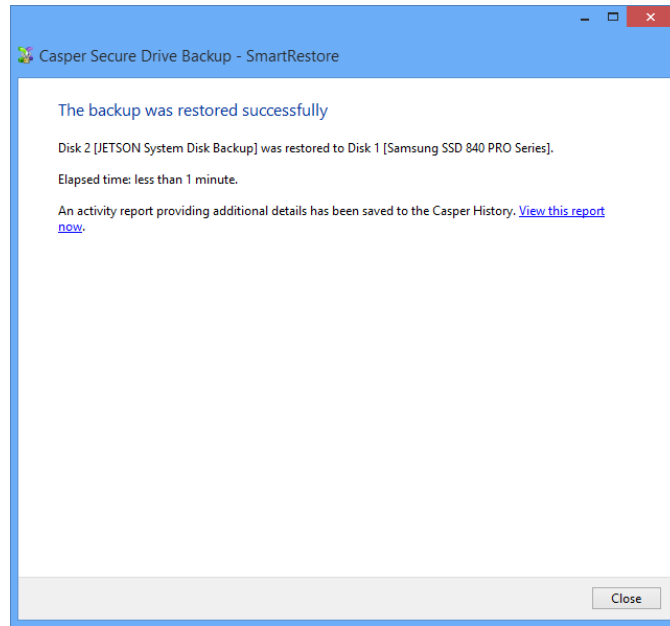
1. Select **Restore this backup**.



2. If restoring to the original Windows system disk, Casper will warn you that the contents will be overwritten. Click **Yes, begin the restore now**.



3. When Casper has completed the restore, click **Close**.

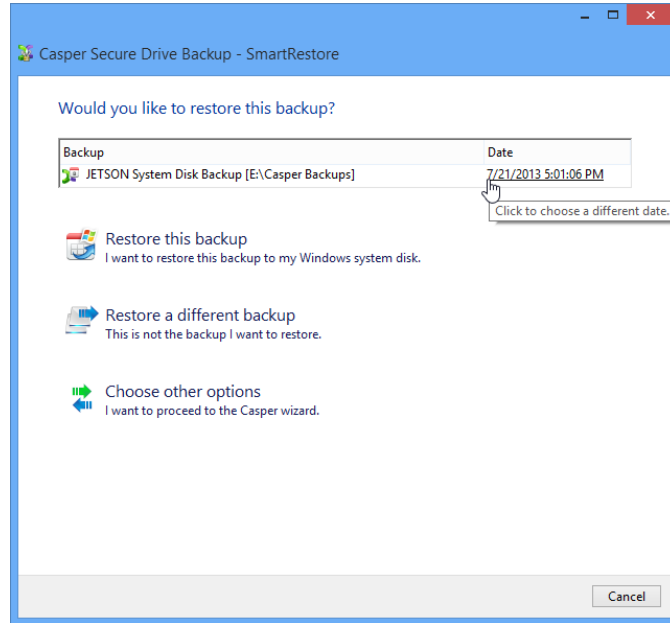


Example 2: Restoring an Earlier System Backup

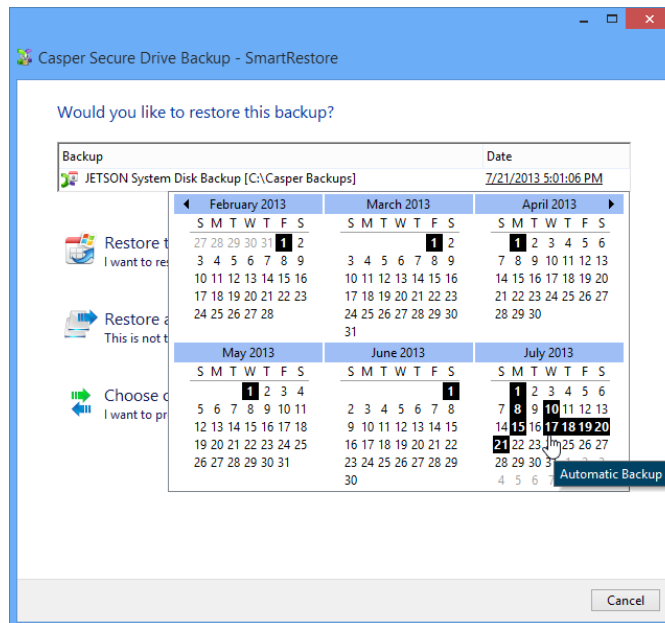
When more than one restore-point exists for a backup, you can choose the specific restore-point to restore.

Assuming the computer is presently booted to the Casper Secure Startup and Recovery Environment and SmartRestore was able to locate your backup, the following procedure illustrates how to choose a specific restore-point when restoring your Windows system disk.

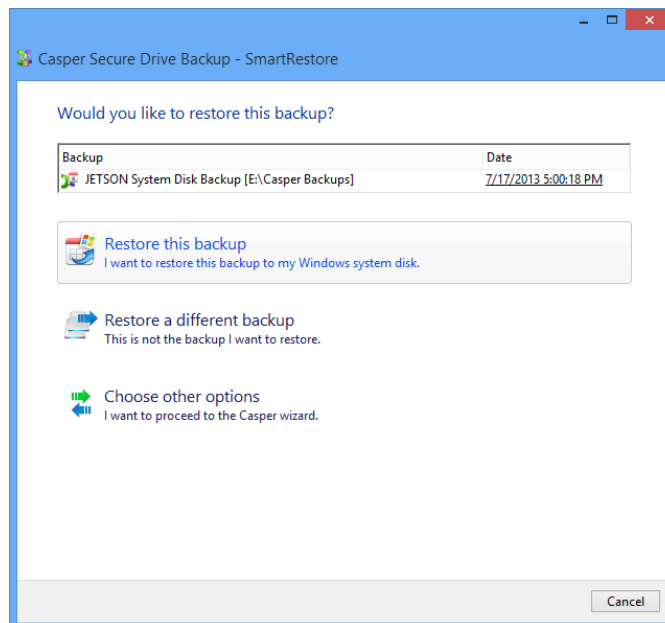
1. Click the date displayed next to the backup name to open the restore-point selector calendar.



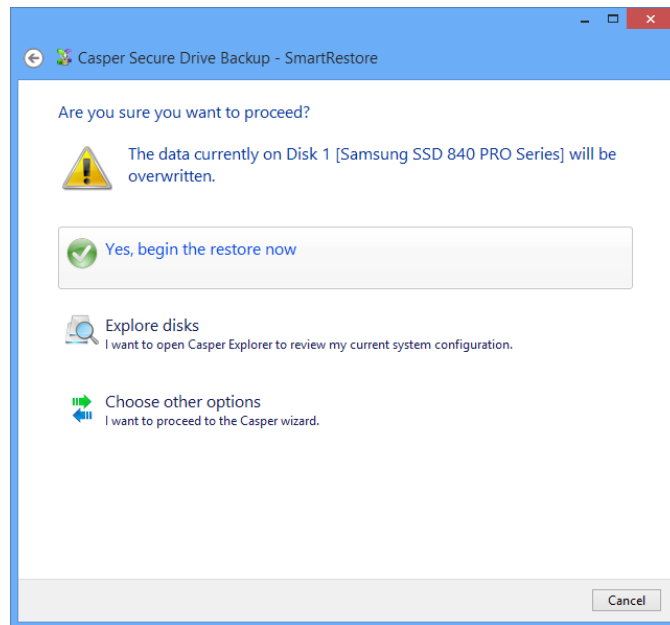
- Dates with one or more available restore-points will appear highlighted. Click the date that corresponds to the restore-point you would like to restore.



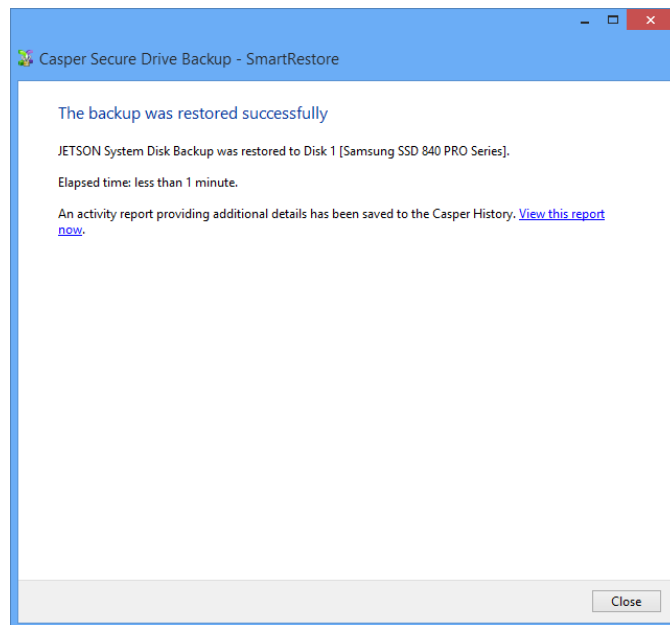
- Click **Restore this backup**.



4. If restoring to the original Windows system disk, Casper will warn you that the contents will be overwritten. Click **Yes, begin the restore now**.



5. When Casper has completed the restore, click **Close**.

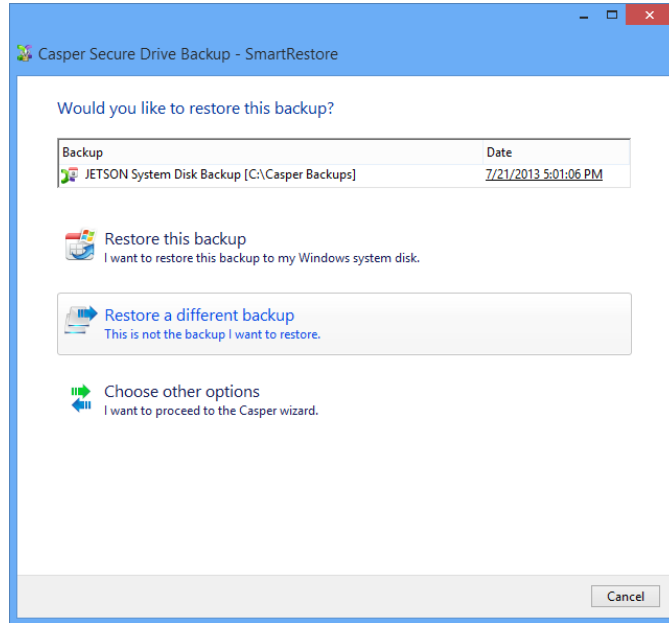


Example 3: Restoring a Different System Backup

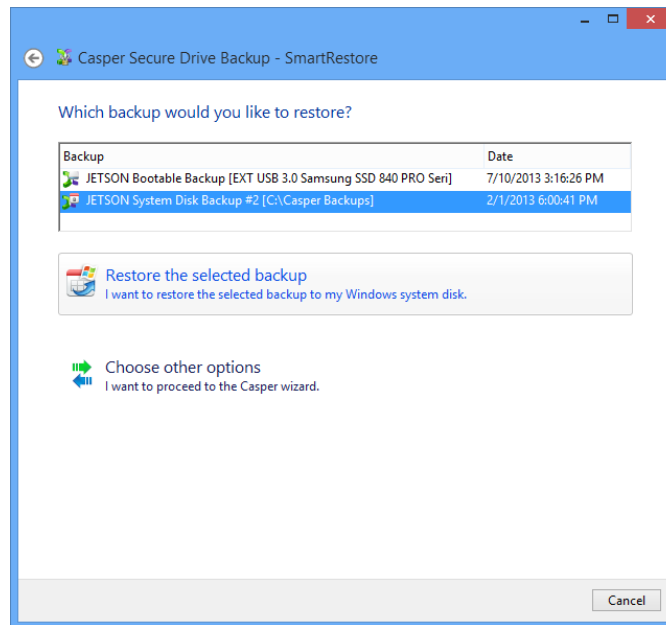
If SmartRestore discovers multiple backups (e.g., one or more restore-point backups, bootable backups, or a combination of the two), you can choose which backup to restore.

Assuming the computer is presently booted to the Casper Secure Startup and Recovery Environment and SmartRestore was able to locate multiple backups for the computer, the following procedure illustrates how to select which backup to restore to the Windows system disk.

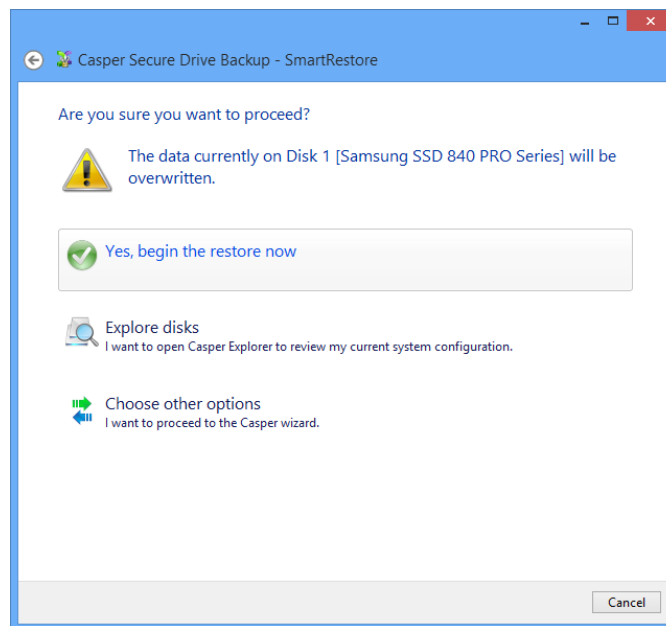
1. Select **Restore a different backup**.



2. Choose the backup you would like to restore from the list provided, and then click **Restore the selected backup**.



3. If restoring to the original Windows system disk, Casper will warn you that the contents will be overwritten. Click **Yes, begin the restore now**.



4. When Casper has completed the restore, click **Close**.

