Acronis True Image™ 2016

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1 Introduction

In this section

1.1 What is Acronis® True Image™ 2016?

Acronis True Image 2016 is an application that protects all information on your Mac, including the operating system, applications, settings, and all of your data. To protect your Mac, you need to perform two easy operations:

1. **Create a complete backup of your Mac.**

   This saves your operating system files and all your data to a file called backup. You can store this file in local or network storage or upload it on Acronis Cloud. Refer to Backing up to local or network storage (p. 10) and Backing up to Acronis Cloud (p. 11) for details.

2. **Create Acronis bootable media.**

   This is a removable drive containing boot files. When your Mac cannot start up, this media allows you to start an Acronis recovery environment and use your backup to rollback your Mac to a healthy state. Refer to Creating bootable rescue media (p. 19) for details.

After performing these two steps, you can be sure that you will be able to repair your Mac OS X and recover your lost documents in a few minutes.

Key features:

- Backup of selected disks or entire Mac contents to local or network storage (p. 10) or to Acronis Cloud (p. 11)
- Backup of selected files and folders to local or network storage (p. 10) or to Acronis Cloud (p. 11)
- Data archiving (p. 28)
- Family data protection (p. 26)
- Creating bootable rescue media (p. 19)
- Mac OS X recovery in the bootable media environment (p. 21)
- Recovery of specific files and folders under Mac OS X (p. 23)

1.2 New in this version

- **Multiple improvements in data archiving:**
  - Support of files larger than 4 GB
  - Support of more than 30,000 files in an archive
  - Custom selection of Acronis Cloud data center
  - Improved user experience

- **Improved usability of the backup list**—The backups created on the current computer are now separated from the ones created on other computers.
- **Indication of the data upload speed for online backup**

1.3 System requirements

Supported operating systems:

- OS X Mavericks 10.9
- OS X Yosemite 10.10
- OS X El Capitan 10.11

Supported file systems:

- Mac OS Extended format (case-insensitive)
- FAT32
- exFAT
- NTFS (read-only)

  You cannot back up data to a disk with an NTFS file system. However, you can recover data from a backup located on this type of file system.

Requirements for Acronis bootable media:

- To create a bootable media, you can use any removable drive with 4 GB (or more) of free space.
- CD and DVD media are not supported.

Supported storage media:

Refer to What you can and cannot back up (p. 10) for details.

1.4 Install, update or remove Acronis True Image 2016

Installation

To install Acronis True Image 2016:

1. Download the Acronis True Image 2016 setup file from the Acronis website:
   - To purchase the full version, go to:
     www.acronis.com/redirector/products/timac2016/getfullversion/.
   - To try the free trial version, go to:
     www.acronis.com/redirector/products/timac2016/getfreetrial/.
2. Read and accept the terms of the license agreement and the Acronis Customer Experience Program.

3. Double-click the Acronis True Image 2016 setup file (the file has a .dmg extension).
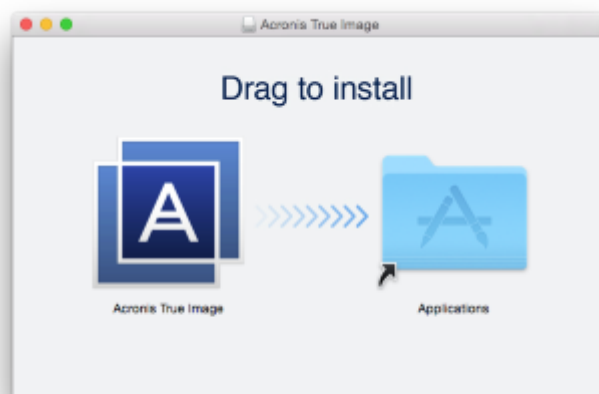
4. Drag the Acronis True Image 2016 icon to the Applications folder.

When you start Acronis True Image 2016 for the first time, you must enter the serial number or start the trial version of the product.

Update

Acronis True Image 2016 notifies you automatically when an update is available from the Acronis website. You can download it, and then install it over your version of Acronis True Image 2016. All your backups and settings will be kept.

Uninstallation

To remove Acronis True Image 2016 from your Mac:

1. Open the Finder, and then click **Applications**.
2. Find Acronis True Image 2016 in the list, and then drag it to the Trash.

1.5   Trial version information

If you want first to try and evaluate Acronis True Image 2016, you can install the free, 30-day trial version of the product. The trial version is fully functional. After the trial period, the program functionality is blocked and you will need to upgrade to the full version if you wish to continue using Acronis True Image 2016.

After the trial period expires, your backups are not deleted and can be used for recovery in the full version of Acronis True Image 2016.

Acronis Cloud

You have unlimited storage space during the trial period.   You can use this space to store your online backups. After the trial period is over, Acronis Cloud works in recovery-only mode for 30 days. After this period, you won't be able to use the Acronis Cloud service and all your data will be deleted.

The full Acronis Cloud subscription is included in Acronis True Image Cloud. You can purchase this product at the Acronis website.

Installing the trial version

To start using the trial version, install the product, and then click **Start Trial**. Refer to Install, update or remove Acronis True Image 2016 (p. 5) for details.

Upgrading to the full version

To upgrade to the full version of the product:

1. Purchase the full version at the Acronis website: www.acronis.com/redirector/products/timac2014/getfullversion/.
2. Open Acronis True Image 2016.
3. On the menu bar, click **Acronis True Image 2016**, and then click **Enter Serial Number**.
4. Insert the full serial number in the appropriate box, and then click **Proceed**.

1.6   Acronis Customer Experience Program

Acronis Customer Experience Program (CEP) is a new way to allow Acronis customers to contribute to the features, design and development of Acronis products. This program enables our customers to provide us with various information, including information about the hardware configuration of your host computer and/or virtual machines, the features you use most (and least), and the nature of the problems you face. Based on this information, we will be able to improve the Acronis products and the features you use most often.

To make a decision:

1. In the **Acronis True Image** menu, click **About Acronis True Image**.
2. To leave the program, clear the **Participate in the Acronis Customer Experience Program** check box.

If you choose to participate, the technical information will be automatically collected every week. We will not collect any personal data, like your name, address, phone number, or keyboard input. Participation in the CEP is voluntary, however, but the end results intended to provide software improvements and enhanced functionality to better meet the needs of our customers.

1.7   Sending feedback to Acronis

We frequently improve our products and services by making them more functional, reliable, and fast. Via the feedback form, you can point out inconveniences and defects that we should resolve to make Acronis True Image 2016 even better. Please spend a couple of minutes to tell us what you think about our product, suggest a new feature, or report a problem. We do read and analyze all feedback.

To send a feedback to Acronis:

1. In the **Acronis True Image 2016** menu, click **Send feedback**. The feedback form opens.
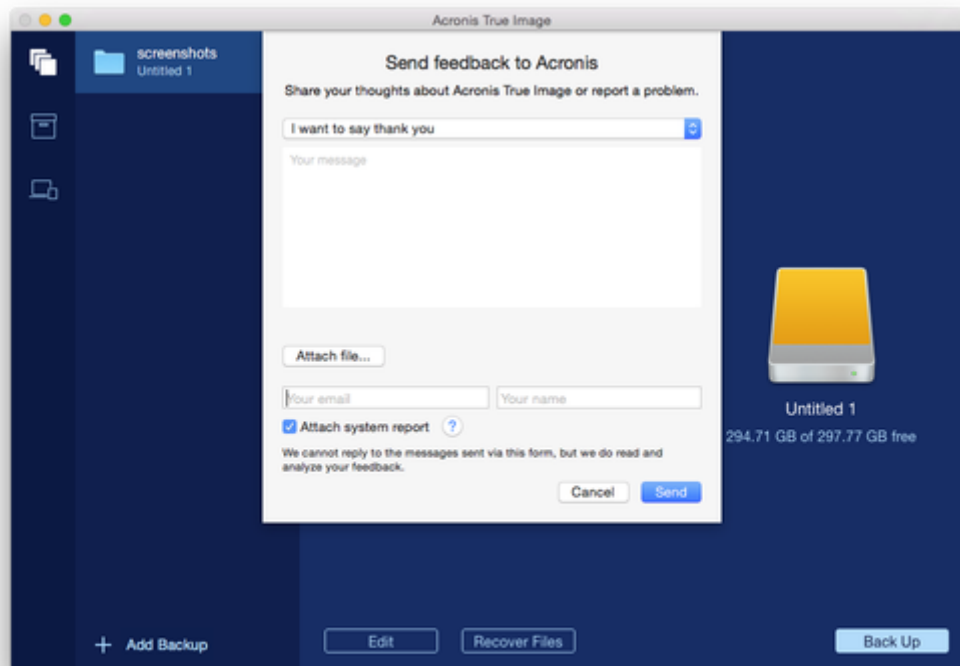
2. Choose a feedback reason from the list.

3. Type your message.

4. Provide your name and email.

5. [Optional step] You can also attach a file and Acronis system report.

   An Acronis system report contains various technical information, including information about your hardware configuration, OS X version, system log, event log of Acronis True Image 2016, and your backup settings.

   Note: An Acronis system report does not contain any personal data, like your name, address, phone number, or keyboard input.

   We recommend that you attach the system report when you faced a serious error, for example, when Acronis True Image 2016 stopped responding.

6. Click **Send**.

1.8   Technical Support

Maintenance and Support Program

If you need assistance with your Acronis product, please go to http://www.acronis.com/support/

Product Updates

You can download the latest updates for all your registered Acronis software products from our website at any time after logging into your **Account** (http://www.acronis.com/my) and registering the product. See **Registering Acronis Products at the Website** (http://kb.acronis.com/content/4834) and **Acronis Website User Guide** (http://kb.acronis.com/content/8128).

2 Backup

In this section

2.1 Basic concepts

Backup and recovery

Backup refers to making copies of data so that they can be used to **recover** the original data after a data loss event.

Backups are useful primarily for two purposes:

- To recover an operating system (p. 21) when it is corrupted or cannot start. This process is called disaster recovery. For information about protecting your Mac from a disaster, refer to Backing up to local or network storage (p. 10) and Backing up to Acronis Cloud (p. 11) for details.
- To recover specific files and folders (p. 23) after they have been accidentally deleted or corrupted.

Backup versions

A backup version is created during a backup operation. Each version represents a point in time to which the system or data can be restored. The first backup version contains all the data selected for backup. The second and subsequent versions contain only data changes that occurred since the previous backup version. All the backup versions are stored in a single backup file.

Backup file format

When you back up your Mac to a local storage or a network place, Acronis True Image 2016 saves backup data in the proprietary .tib format, by using compression. The data from .tib file backups can be recovered only through Acronis True Image 2016.

When you back up your Mac to Acronis Cloud (p. 16), Acronis True Image 2016 saves your data "as is". You can open the Acronis Cloud web application (p. 16) on any Mac computer and recover the data.

Schedule

For your backups to be really helpful, they must be as up-to-date as possible. Schedule your backups (p. 13) to run on a regular basis.

Backup retention rules

Every time you run a backup operation, manually or on a schedule, Acronis True Image 2016 creates a new backup version in the backup location. A maximum of 10 versions are stored in one location.

This rule applies to both Acronis Cloud and local or network folders. When you create the eleventh version, Acronis True Image 2016 automatically deletes the oldest version of the backup. As a result, you always have the ten most recent backup versions.

Note: In the case of a local or network backup location, you can create more than 10 versions by setting a new destination for the backup. The versions stored in the previous location will not be deleted.

2.2 What you can and cannot back up

The table below shows what and where you can back up.

	Backup destinations						
	Internal drives (HDD, SSD, RAID)	Acronis Cloud	USB drives	Thunderbolt	AirPort Time Capsule	Network share, NAS	CD, DVD
Internal drives (HDD, SSD)	+	+	+	+	+	+	-
USB drives	+	+	+	+	+	+	-
FireWire drives	+	+	+	+	+	+	-
Thunderbolt	+	+	+	+	+	+	-
Fusion drives	+	+	+	+	+	+	-
Hard drives protected with FileVault 2	+	+	+	+	+	+	-
Hard drives with Boot Camp installed	+	+	+	+	+	+	-
Specific files	+	+	+	+	+	+	-
Separate partitions	-	-	-	-	-	-	-
RAID, Apple RAID	-	-	-	-	-	-	-
CD, DVD	-	-	-	-	-	-	-
APM disks	-	-	-	-	-	-	-

2.3 Backing up to local or network storage

To back up your data to local or network storage:

1. Open Acronis True Image 2016.
2. Perform one of the following:
   - If this is your first backup, skip this step.
   - If you already have a backup and you want to create a new one, click **Add Backup** at the bottom of the backup list.
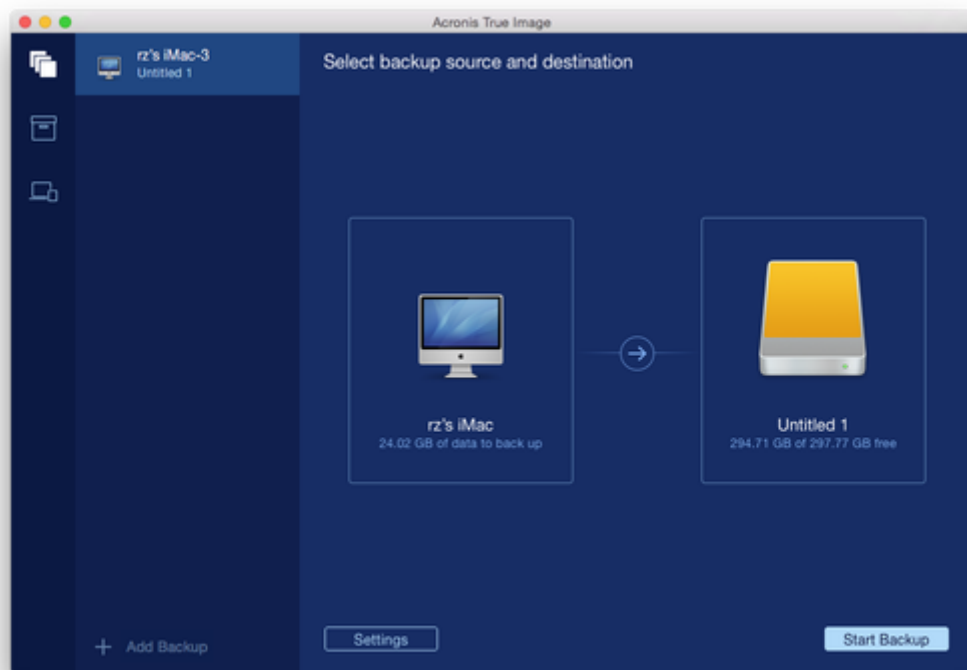
   *Note: To delete a backup, right-click it, and then click **Delete**. The backup will be removed from the list, and the backup files will be deleted from the backup storage.*

3. Click the backup source icon, and then select what you want to back up:
   - Disks

■ Files and folders

4. Click the backup destination icon, select where you want to save the backup file to, and then click **OK**. If the location is not listed, click **Select Other Destination**, and then select a location.

5. [Optional step] Configure additional settings. You can:

■ Exclude files and folders manually at **Settings —> Exclusions**. Refer to Excluding items from backups (p. 14) for details.

■ Configure the backup schedule at **Settings —> Schedule**. Refer to Scheduling (p. 13) for details.

■ Protect your backup with a password and encryption at **Settings —> Encryption**. Select the **Encrypt backup** check box, and then type a password. Please memorize this password, because it cannot be retrieved.

Acronis True Image 2016 protects your backups with an AES (Advanced Encryption Standard) cryptographic algorithm using a 256-bit encryption key.

6. After you have configured all settings and you are ready to start a backup, click **Start Backup**.

To recover your Mac from a Acronis True Image backup, you must have an Acronis bootable media. If you do not have one, please create it. Refer to Creating bootable rescue media (p. 19) for details.

2.4 Backing up to Acronis Cloud

To start using Acronis Cloud:

■ Create an Acronis account (p. 17), if you do not have one.

■ Subscribe to the Acronis Cloud service (p. 17).

To back up your Mac to Acronis Cloud:

1. Open Acronis True Image 2016.

2. Perform one of the following:

- If this is your first backup, skip this step.
- If you already have a backup and you want to create a new one, click the plus sign at the bottom of the backup list.
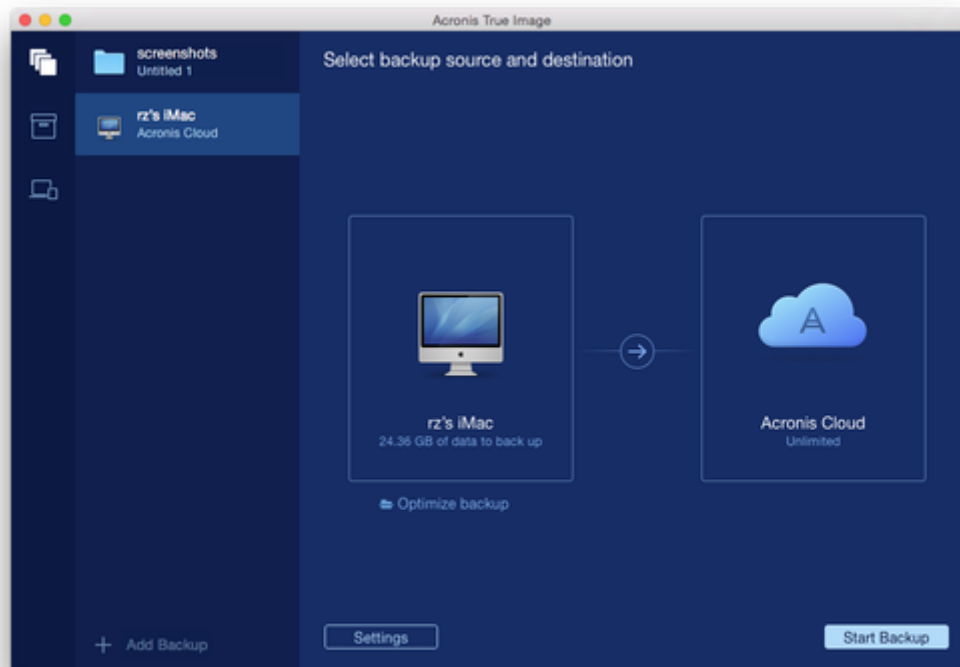
  *Note: To delete a backup, right-click it, and then click **Delete**. The backup will be removed from the list, and the backup files will be deleted from the backup storage.*

3. Click the backup source icon, and then select what you want to back up:
   - Disks
   - Files and folders

4. Click the backup destination icon, select Acronis Cloud, and then click **OK**.

   If you are not signed in yet, enter the email address and password of your Acronis account, and then click **Sign In**.

   If you do not have an Acronis account, click **Create Account**, type your email address, password, and then click the **Create Account** button. Refer to Creating an Acronis account (p. 17) for details.

5. [Optional step] Configure additional settings. You can:
   - Exclude data protected with third-party services, if you use any. Click **Optimize backup** and specify the data to exclude. Refer to Excluding items from backups (p. 14) for details.
   - Exclude files and folders manually at **Settings —> Exclusions**. Refer to Excluding items from backups (p. 14) for details.
   - Configure the backup schedule at **Settings —> Schedule**. Refer to Scheduling (p. 13) for details.
   - Protect your backup with a password and encryption at **Settings —> Encryption**. Select the **Encrypt backup** check box, and then type a password. Please memorize this password, because it cannot be retrieved.

     Acronis True Image 2016 protects your backups with an AES (Advanced Encryption Standard) cryptographic algorithm using a 256-bit encryption key.

- Select a preferred data center at **Settings —> Advanced**. Refer to Selecting Acronis Cloud data center (p. 16) for details.

6. After you have configured all settings and you are ready to start a backup, click **Start Backup**.

   The first online backup may take a considerable amount of time to complete. Future backup processes will likely be much faster, because only changes to files will be transferred.

To recover your Mac from a Acronis True Image backup, you must have an Acronis bootable media. If you do not have one, please create it. Refer to Creating bootable rescue media (p. 19) for details.

2.5   Scheduling

For your backups to be really helpful, they should be as up-to-date as possible. Schedule your backups to run on a regular basis. By default, your Mac is backed up weekly.
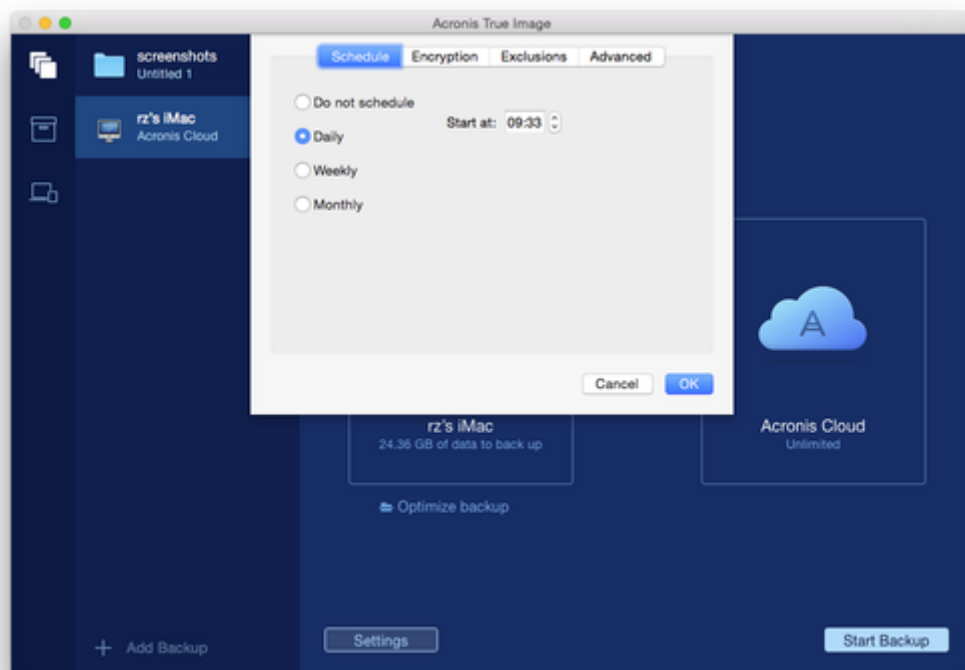
To schedule the backup:

1. Click **Settings**, choose backup frequency, and then specify the start time.
   - **Do not schedule**

     This option turns scheduling off.
   - **Daily**

     The backup starts once a day and at the time that you specify.
   - **Weekly**

     The backup starts every week on the selected days and at the specified time.
   - **Monthly**

     The backup starts every week on the selected dates and at the specified time.
2. After you have configured all settings, click **Apply**.

If your Mac is switched off or it is in the sleep mode when the scheduled time comes, the backup will run the next time the Mac starts or when it wakes up.

2.6 Excluding items from backups

Before you start a backup, you can reduce the backup size by excluding data that does not need to be backed up.

You can exclude files and folders the following ways:

- **Manually, from any backup**

   To exclude an item, specify it explicitly or use a mask.

- **Automatically, from a backup to Acronis Cloud**

    Acronis True Image 2016 analyzes the backup source and suggests that you exclude your local data that can be downloaded from third-party Cloud storage.

Excluding items manually

To exclude files and folders manually:

1. When configuring a backup, click **Settings**, and then click **Exclusions**.
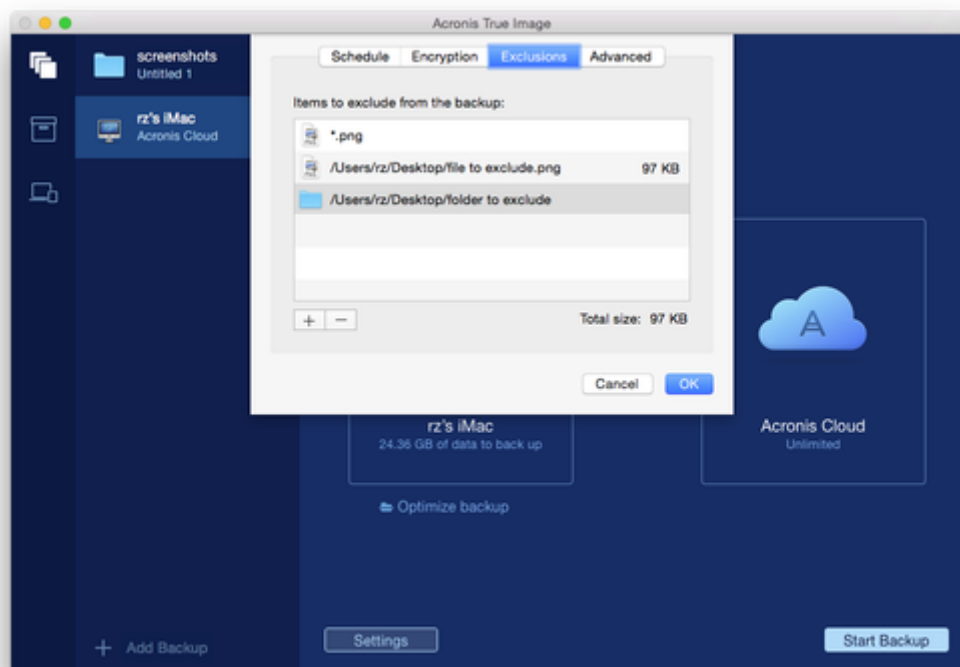
2. Click the Plus sign, and then click one of the following:
    - **Exclude specific file or folder**

        Browse to the item that you want to exclude, select it, and then click **Exclude**.
    - **Exclude by mask**

        Enter an exclusion mask by using wildcard characters (* and ?), and then click **Exclude**.

        Examples of exclusion masks:
        - *.ext - all files with an .ext extension will be excluded.

- ▪ *??name.ext* - all files with an .ext extension, having six letters in their names starting with any two symbols (??) and ending with *name*, will be excluded.

3. Click **OK**.

Excluding recoverable data from online backups

Acronis True Image 2016 allows you to exclude your local data that is uploaded or synchronized with third-party Cloud services, such as Google Drive or Dropbox. This data is already reliably protected and can be easily downloaded to your computer. Therefore there is no need to upload it to Acronis Cloud. You can exclude it to reduce the backup size and to speed up the backup process.

You can exclude data protected with the following services:

- ▪ iTunes
- ▪ Dropbox
- ▪ Microsoft OneDrive
- ▪ Google Drive
- ▪ BoxSync
- ▪ Yandex.Disk
- ▪ SugarSync

Acronis True Image 2016 suggests that you exclude data only when the following conditions are met:

- ▪ The third-party service is currently enabled.
- ▪ There is more than 250 MB of data stored in the corresponding folder.

To exclude items from an online backup:

1. Before you start the backup process, click **Optimize backup** below the backup source icon.
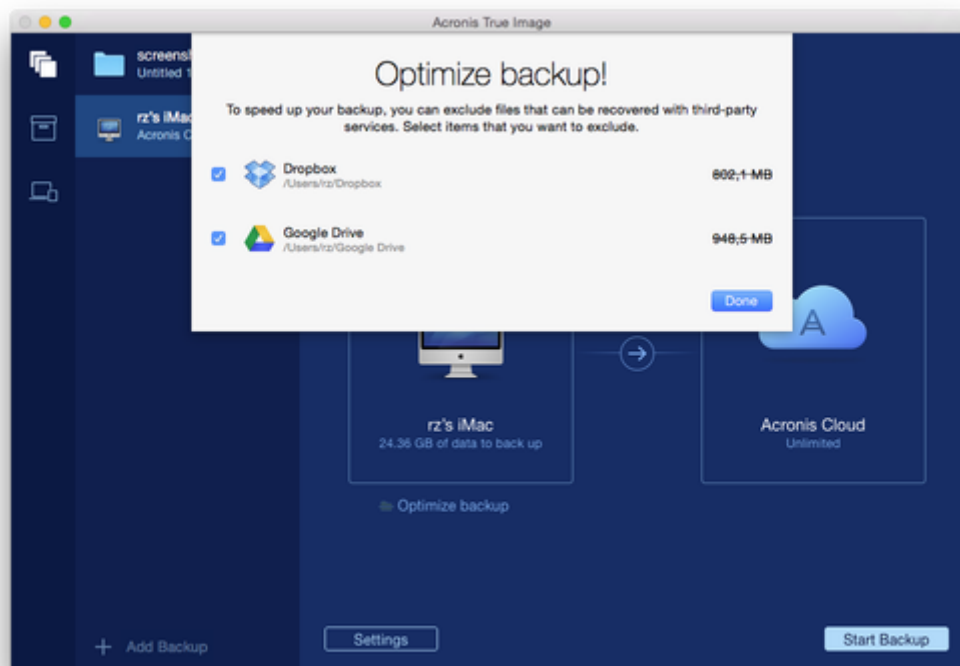
2. Clear the check boxes next to the items that you want to exclude, and then click **Done**.

2.7 Selecting a data center for backup

When you create a backup to Acronis Cloud, your data is uploaded to one of the Acronis data centers located in different countries. Initially, the data center is defined as the one closest to your location when you create your Acronis account. Afterwards, your online backups and synced files are stored in the same data center, by default.

We recommend that you set the data center for a backup manually, when you are in a different country and your default data center is not the closest to your current location. This will significantly increase the data upload rate.
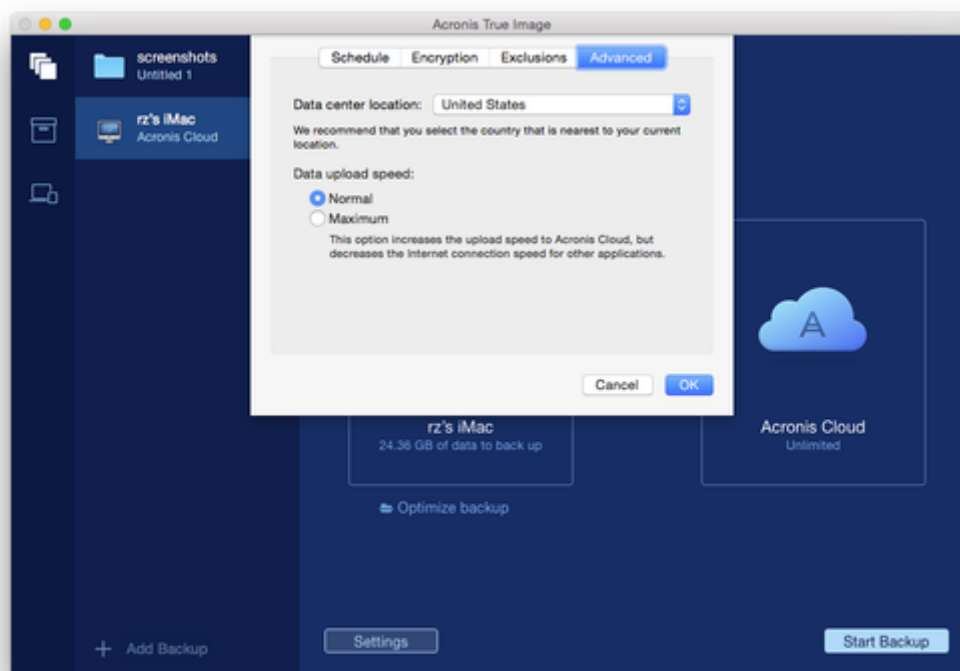
Note: You cannot change the data center for an already existing backup.

To select a data center:

1. When configuring an online backup, click **Settings**, and then click **Advanced**.

2. Select the country that is closest to your current location, and then click **OK**.

2.8 What is Acronis Cloud?

Remote storage

On the one hand, Acronis Cloud is a secure remote storage which you can use to store your backups and archives. Because files are stored in remote storage, you can recover the entire contents of your Mac if a disaster or data corruption event occurs.

If you use Acronis True Image for Windows, you can also store file backups, disk images, and versions of your synchronized files in Acronis Cloud.

To start using Acronis Cloud:

- Create Acronis account (p. 17), if you do not have one.

- Start the Trial version of Acronis True Image (p. 6) or purchase Acronis True Image Cloud at the Acronis website: www.acronis.com/redirector/products/timac2016/getfullversion/.

Web application

On the other hand, Acronis Cloud is a web application that allows you to recover and manage the data that you store on Acronis Cloud. To work with the application you can use any Mac or PC that is connected to the Internet.

To access the application, go to https://www.acronis.com/my/online-backup/, log in to your account, and then click **Recover my data now**.

2.8.1 Creating an Acronis account

To use the Acronis Cloud service, you need an Acronis account.

To create an Acronis account:

1. Open Acronis True Image 2016.
2. Select Acronis Cloud as a destination for your backup. The login window will open.
3. Click **Create Account**.
4. Fill in the registration form.

   To keep your personal data secure, choose a strong password for your account, guard it from falling into the wrong hands, and change it from time to time.

5. Click **Create Account**.
6. A message will be sent to the email address that you specified. Open this message and confirm that you wish to create an account.

2.8.2 Subscription to Acronis Cloud

Performing backups to Acronis Cloud requires subscription to the Acronis Cloud service. When you start using Acronis True Image 2016, an unlimited storage space and 30-day free subscription will be assigned to your account automatically.

After the trial subscription expires, Acronis Cloud works in recovery-only mode for 30 days. After this period, you won't be able to use the Acronis Cloud service and all your data on the Cloud will be deleted.

Please note that Acronis Cloud is a subject of Fair Usage Policy for holders of Acronis True Image license. See more details at: https://kb.acronis.com/atih2015/fairusage.

The full Acronis Cloud subscription is included in Acronis True Image Cloud. You can purchase this product at the Acronis website.

2.9 Parallels Desktop support

What is Parallels Desktop?

Parallels Desktop is an application that allows you to run Windows on your Mac, by using a special virtual environment. For more details, please visit the Parallels website: http://www.parallels.com/products/desktop/.

How does Acronis True Image 2016 handle Parallels Desktop virtual machines?

Acronis True Image 2016 provides complete support of your virtual machines created with Parallels Desktop 9 and Parallels Desktop 10. When you back up your Mac, the virtual machines are backed up as well. When you recover your Mac, the virtual machines are reverted to the state they were in when the backup started. After recovery, all your virtual machines remain consistent and bootable.

How does it work?

Every time you run a backup, Acronis True Image 2016 creates snapshots of all virtual machines added to Parallels Desktop. These snapshots are used as time points to revert to when you recover your Mac. After the created snapshots are stored in the backup, they are automatically deleted from your Mac.

### Which virtual machines are backed up?

Acronis True Image 2016 backs up all virtual machines that are:

- Stored on the disks being backed up
- Added to the Parallels Desktop application
- Currently running, stopped, and suspended

2.10 Backup list icons

While working with the backup list, you will see special icons. The icons give you the following information:

- Backup type
- Backup current state
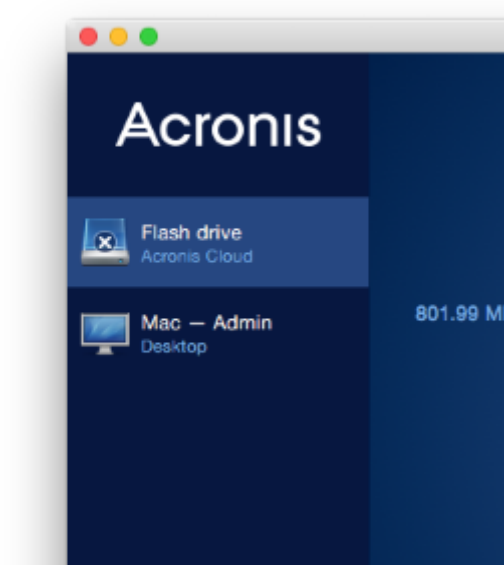
Backup type icons

 Entire Mac backup

Note: The appearance of this icon depends on the type of your Mac.

 Disk-level backup

Backup state icons

  The last backup failed.

  The backup is in progress.

  The last backup was paused by user.

  The last backup was stopped by user.

3   Creating bootable rescue media

Bootable rescue media is a removable drive containing boot files. When your Mac does not start, you use the drive to boot the Acronis recovery environment and recover your Mac from a previously created backup.

If you do not have a backup yet, please create it. Refer to Backing up to local or network storage (p. 10) and Backing up to Acronis Cloud (p. 11) for details.

⚠ *Using bootable media is the only way to recover your Mac from an Acronis True Image 2016 backup.*

To create Acronis bootable rescue media:

1. Connect a removable drive to your Mac.

    The drive must have 4 GB (or more) of free space. For example, you can use an external hard drive or a USB flash drive. Note that CD and DVD media are not supported.

2. Open Acronis True Image 2016.

3. In the **File** menu, click **Create Rescue Media**. The Acronis Media Builder window opens.

4. Select the drive that you want to make bootable.
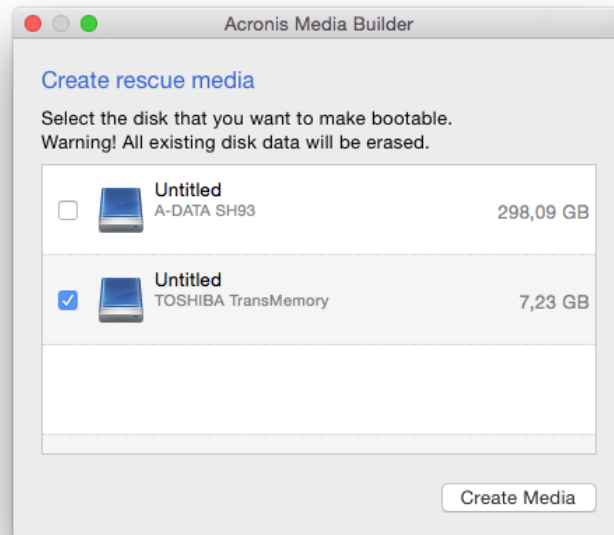
5. Click **Create Media**. If the drive is not empty, Acronis True Image 2016 will ask you to confirm deleting all the data stored on the drive. To confirm, click **Erase**.
6. When the progress is complete, disconnect the media and keep it in a safe place. You can store your own data on the media, but make sure that you do not delete or modify the Acronis boot files.

We recommend that you create a new rescue media every time you upgrade your Mac OS X to a newer version. Otherwise, your rescue media may not work properly.

4 Recovery

In this section

4.1 When do I recover my Mac?

When your computer does not start up or you notice that your Mac OS X or some applications do not work properly, in most cases that means that it's time to recover your operating system from the disk image. First though, we recommend that you determine the source of the problem.

System errors can be due to two basic factors:

- **Hardware failure**

  In this scenario, it is better to let your service center handle the repairs.

- **Corruption of an operating system, applications or data**

  When the failure cause is a virus, malware or corruption of system files, recover the system from the backup. Refer to Recovering your Mac (p. 21) for details.

To determine source of the problem:

1. Check the cables, connectors, power of external devices, etc.
2. Restart your Mac. Press and hold the **Option** key while the Mac is starting. The recovery menu will be displayed.
3. Choose **Disk Utility** from the list, and then click **Continue**.
4. Select the disk that you want to check, and then click **First Aid**.

   If the Disk Utility informs you that the disk is going to fail, the cause is due to the physical condition of the disk. For example, it may contain bad sectors. We recommend that you back up the disk as soon as possible, and then replace it.
5. Click **Verify Disk**.

   - If there is an error, click **Repair Disk**. If the Disk Utility reports that the disk is OK or it has been repaired, restart your Mac and continue using it as usual. If the errors persist, recover your Mac from a Acronis True Image backup. Refer to Recovering your Mac (p. 21) for details.

   - If the Disk Utility does not detect any errors, recover your Mac from a Acronis True Image backup. Refer to Recovering your Mac (p. 21) for details.

4.2 Recovering your Mac

Follow the instructions below to recover your Mac when it cannot start or when it is working incorrectly.

To recover your Mac:

1. Make sure that you have:
   - A previously created Acronis True Image backup. Without the backup recovery is impossible. Refer to Backing up to local or network storage (p. 10) and Backing up to Acronis Cloud (p. 11) for details.

- Acronis bootable rescue media. If you do not have one and you can start Acronis True Image 2016 on your Mac, please create the media as soon as possible. Refer to Creating bootable rescue media (p. 19) for details.

2. Plug in the bootable media to your Mac.

3. Start or restart your Mac. Press and hold the **Option** key while the Mac is starting. The boot menu will be displayed.

4. Choose Acronis Media as a device to boot from. The **OS X Utilities** list is displayed.

5. Select **Recover from Acronis True Image Backup**, and then click **Continue**.

6. In the window that opens, choose the location of your backup:
   - **Local or network storage**—select your backup, and then click **Open**.
   - **Acronis Cloud**—sign in to your Acronis account, select your backup, and then click **Open**.

7. From the list, select the backup version from which you want to recover your Mac, and then click **Next**. The contents of the version are displayed.

8. Select the check boxes next to the partitions that you want to recover.
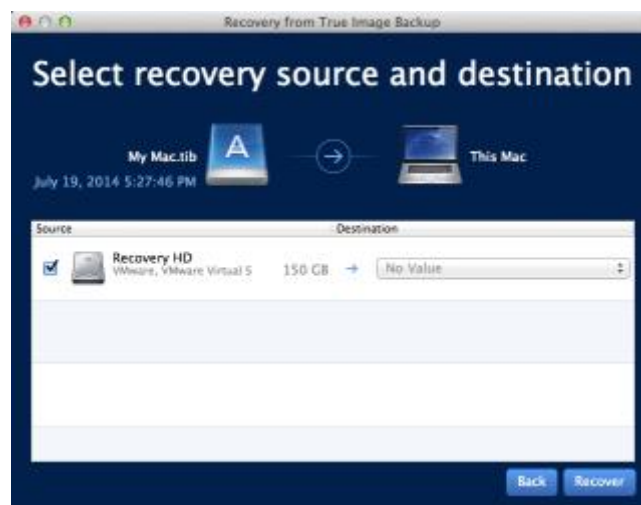
9. Select a destination for each partition.

10. To start recovery, click **Recover**, and then confirm that you want to erase all data on the destination partitions.

11. When recovery is complete, restart your Mac.

4.3 FAQ about Boot Camp partition

- **How do I back up my Boot Camp partition?**

  Back up the hard drive where Boot Camp is installed. The backup will contain all the data stored on the drive, including the Boot Camp partition.

- **Can I back up my Boot Camp partition separately?**

  No, you can't. Acronis True Image 2016 allows you to create disk-level backups only. Back up the hard drive that contains the Boot Camp partition, instead.

- **How do I recover my Boot Camp partition?**

  You can do this in the bootable media environment. At the recovery source and destination selection step, select all the listed partitions. This will recover the entire hard drive. To recover the Boot Camp partition only, select the check box next to this partition, and then clear all other check boxes.

- **Can I resize my Boot Camp partition before recovery?**

  No, you can't. The Boot Camp partition remains the same size as it is in the backup.

- **What recovery destinations can I select for a Boot Camp partition?**

  We strongly recommend that you recover your Boot Camp partition to itself, though you can select any recovery destination.

- **Can I recover specific files from the backed up Boot Camp partition?**

  Yes, you can recover them without limitations, the same way that you would recover any other files.

- **I want to replace my hard drive with a new one. Can I clone OS X, the Boot Camp partition, and all of my data to the new hard drive?**

  Yes, you can. Do the following:

  1. Back up your hard drive to an external storage media, such as Acronis Cloud, USB drive, or a network share.
  2. Turn off your Mac, and then replace your old hard drive with a new one.
  3. Boot your Mac by using Acronis bootable rescue media.
  4. Recover your Mac from the backup to the new hard drive.

4.4 Recovering files from local backups

Follow the instructions below when you need to recover specific files and folders from a backup.

Recovery from a backup stored in local or network storage

To recover files and folders:

1. Open Acronis True Image 2016.
2. On the left pane, select the backup that contains the files and folders to recover.

3. Click **Recover Files**. The window with the backup contents opens.
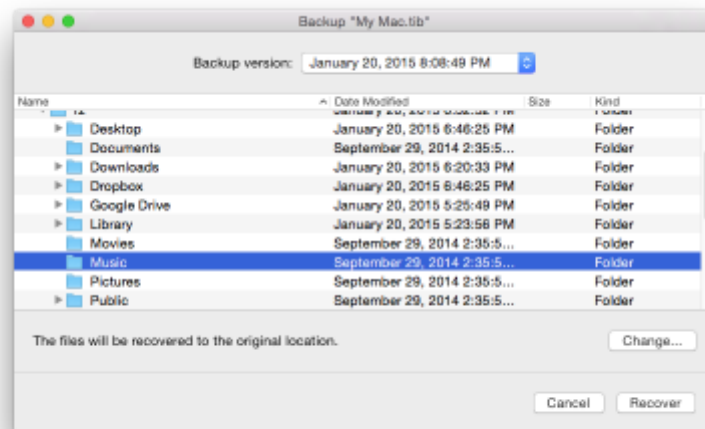
4. In the **Backup version** list, select the backup version by its backup date. When you complete the procedure, the files and folders will be recovered to the state they were in on that date.

5. Select the files or folders that you want to recover.

6. [Optional step] By default, the selected files or folders will be recovered to the original location. To recover to a custom location, click **Change** and browse to the location that you want to use for the recovery.

7. Click **Recover**. When the progress is complete, your data is recovered to the selected date and time and stored in the original or custom location.

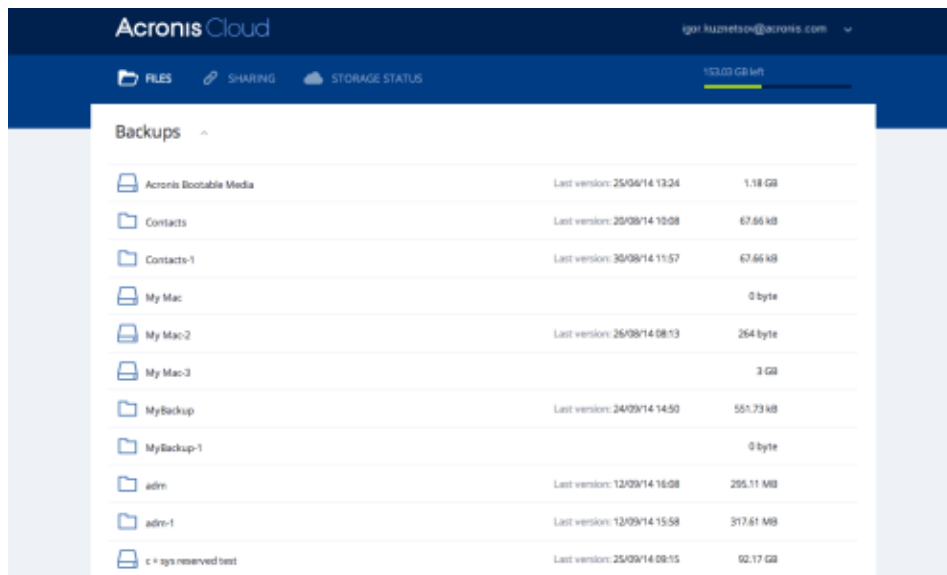# 4.5   Recovering files from Acronis Cloud

You can recover specific files and folders from an online backup stored on Acronis Cloud. To perform this operation, you first need to open the Acronis Cloud web application.

To open the Acronis Cloud web application, do one of the following:

– On your Mac with Acronis True Image 2016 installed:

1. Open Acronis True Image 2016.
2. On the left pane, select the backup that contains files and folders to recover.
3. On the right pane, click **Browse Files**.

– On any Mac with an Internet connection:

1. In your web browser, go to https://www.acronis.com/my/online-backup/.
2. Log in to your Acronis account.
3. Click **Recover my data now**.

The web application opens in your web browser.

Recovering the latest versions of files and folders

To recover files and folders:

1. On the **Files** tab of the Acronis Cloud web application, browse to the file or folder that you want to recover. You can also use the Search field.

2. To start recovery, click **Download**.

   The selected data will be downloaded to the **Downloads** folder.

Recovering the previous file versions

Note that this option is not applicable to folders.

To recover a specific file version:

1. On the **Files** tab of the Acronis Cloud web application, browse to the file that you want to recover. You can also use the Search field.

2. Select the file, click the gear icon to the right of the file, and then click **View versions**.

3. In the window that appears, select the desired version by its creation date. Your current version will be reverted to the state it was in at that point in time.
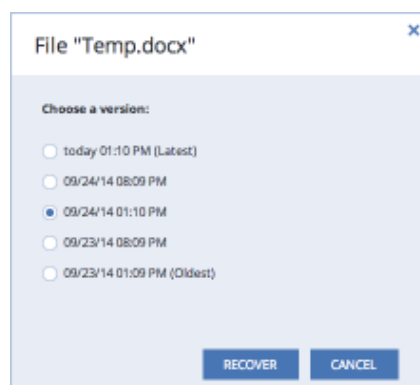
4. Click **Recover** to proceed. The selected version will become the latest version on Acronis Cloud.

5. After the process finishes, refresh the **Files** page in your web browser.

6. Select the file once more, and then click **Download**.

   The file will be downloaded to the **Downloads** folder.

5 Protecting family data

In this section

5.1 What is family data protection?

Family data protection is a unified cross-platform solution that allows you to track and control the protection status of all computers, smartphones, and tablets sharing the same Acronis account. Since users of these devices must be signed in to the same account, usually they are members of the same family. In general, each of them can use this feature, but there is often a family member who is more experienced in technology than the others. So, it's reasonable to make that person responsible for protection of the family data.

To track and control the protection status of your family's devices, use the web-based Online Dashboard, which is accessible from any computer connected to the Internet. With this web application, your family IT administrator can:

- Control the current statuses of all backups and synchronizations on all family devices running Windows, Mac OS X, iOS, and Android.

- Add a new device to the list.

- Manually start any backup on any computer.

- Initiate the first complete backup of an unprotected computer to Acronis Cloud.

- Recover data from any backup located in Acronis Cloud, including backups from PCs, Macs, and devices running iOS and Android.

- Resolve some product-related issues.

5.2 Adding a new device

With Online Dashboard, you can add a new device to the device list.

To add a new device to the device list:

1. On the device that you want to add, open Online Dashboard at: https://cloud.acronis.com.
2. Sign in with your Acronis account.
3. On the **Devices** tab, click **Add device**.
4. Download and install Acronis True Image.
5. Start Acronis True Image and sign in to the same Acronis account.

5.3 Backing up any computer

With the web-based Online Dashboard, you can back up any computer (PC or Mac) that shares the same Acronis account.

If a device is not yet protected, you can back up it by using the default settings. Acronis True Image 2016 will back up the entire contents of the device (for example, an entire PC backup) to Acronis

Cloud. These default settings cannot be changed with the web app. If you need to customize the settings, start Acronis True Image 2016 on this device and configure the backup manually.

To back up any computer:

1. Open Online Dashboard at: https://cloud.acronis.com.
2. Sign in with your Acronis account.
3. On the **Devices** tab, find the device that you want to back up. If the device is offline, make sure that it is turned on and connected to the Internet.
4. Perform one of the following:

   ▪ If the device was backed up before, click **Back up now**.

     Acronis True Image 2016 creates a new backup version in accordance with the configured backup scheme.

   ▪ If the device has not yet been backed up, click **Enable backup**, wait until the backup is auto-configured, and then click **Back up now**.

     Acronis True Image 2016 creates a new full backup and uploads it to Acronis Cloud.

5.4 Recovering data with Online Dashboard

The web-based Online Dashboard allows you to recover data from any online backup uploaded from your family devices, including PCs, Macs, smartphones, and tablets.

To recover data from an online backup:

1. Open Online Dashboard at: https://cloud.acronis.com.
2. Sign in with your Acronis account.
3. On the **Devices** tab, find the device that is the source of the data that you want to recover. If the device is offline, make sure that it is turned on and connected to the Internet.
4. Click **Recover**.
5. On the left panel, select the backup version by the backup date and time.
6. On the right panel, select the check boxes next to the files and folders that you want to recover.
7. Click **Download**.

6 Archiving data

In this section

6.1 What is data archiving?

Data archiving is a tool that allows you to move your big or rarely used files to Acronis Cloud. After uploading, the local copies of these files will be deleted. Afterwards, when you need to open or change an archived file, you can download it back to your local storage device or access and manage it right in Acronis Cloud.

Data archiving has the following main features:

- **Free storage space saving**

  As a rule, storage space of modern high-capacity hard drives is mostly occupied by user data, such as photographs and documents, and not by the operating system or applications. Since most of the data is used occasionally, there is no need to keep them on a local drive. Data archiving helps you free up storage space for frequently used files.

- **Easy access from any device**

  Since you uploaded your files to Acronis Cloud, you can access them with Acronis True Image 2016, Acronis True Image mobile application, and Acronis Cloud web application from any device running Windows, Mac OS X, iOS, and Android, including tablets and smartphones.

- **Data protection**

  Your data stored in Acronis Cloud is protected from corruption or disaster. For example, in case of your local hard drive failure, you can download your files to your new hard drive. Moreover, your data is stored in encrypted state. You can be sure that no one except you can access your data.

- **File sharing**

  When your files are uploaded to Acronis Cloud, you can create public links to share the files with your friends or to post them to forums and social networks.

- **File versions**

  For the files that have been changed and uploaded to Acronis Cloud several times, Acronis True Image 2016 keeps all the modifications in different file versions. You can choose a previous file version and download it to your device.

6.2 Data archiving vs. Online backup

The data archiving feature is similar to backup to Acronis Cloud, but there are a number of differences.

	Online backup	Data archiving
Feature purpose	Data protection from operating system corruption, hardware failures, and loss of separate files.	Cleanup of local storage device and moving data to Acronis Cloud.
Data protection	▪ Overall protection of all data on a computer, especially an operating system. ▪ Protection of frequently used files.	Protection of rarely used and old files, mostly your personal documents, photographs, and so on.
Source data selection	Manual selection.	Manual selection.
Source data handling	The source data is kept in the original location.	The source data is deleted from the original location. This gives you a guarantee that your data will not get into the wrong hands if your hard drive or laptop is stolen.
Data change frequency	The data to back up is changed frequently. Usually a backup has many versions updated from time to time.	The data to archive is changed rarely. The files have few versions.

6.3 Archiving your data

Data archiving helps you free up your storage space by moving your old or rarely used files to Acronis Cloud. Refer to What is data archiving for details.
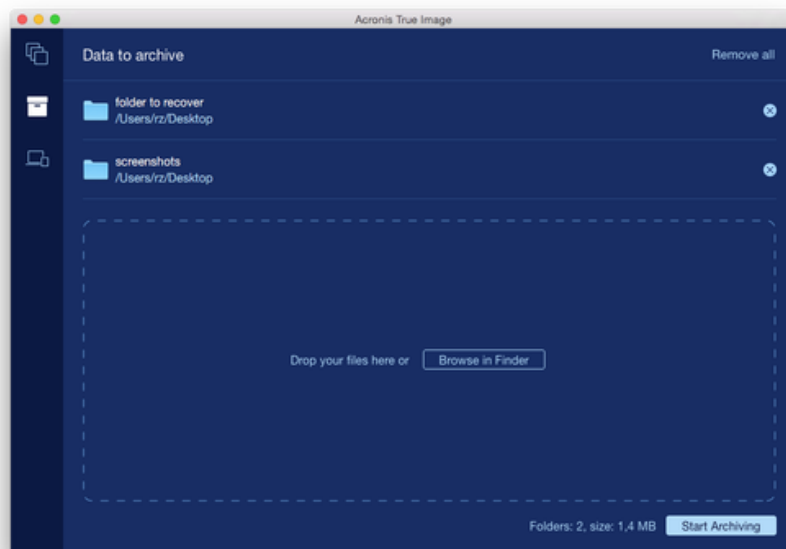
To archive your data:

1. Start Acronis True Image 2016, and then go to the **Archive** section.
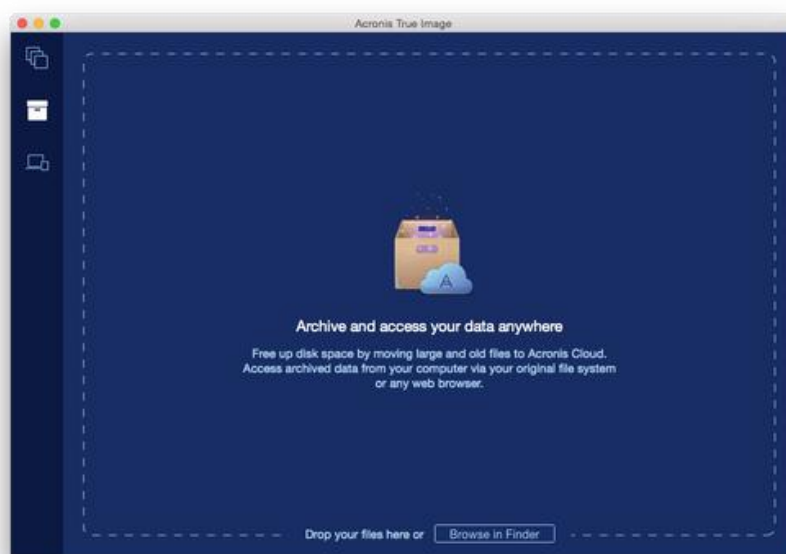
2. [Optional step] To learn basics of the data archiving feature, view the Getting Started slides.
3. To select files to archive, do one of the following:
    ▪ Drag the files to the Archive screen (for example, from Finder).

- Click **Browse in Finder**, and then select the files to archive.

4. Click **Start Archiving**.

6.3.1   Selecting a data center for archiving

When you archive your files to Acronis Cloud, they are uploaded to one of the Acronis data centers located in different countries. Initially, the data center is defined as the one closest to your location when you create your Acronis account. Afterwards, your archived files are stored in the same data center, by default.

We recommend that you set the data center for an archive manually, when you are in a different country and your default data center is not the closest to your current location. This will significantly increase the data upload rate.

Note: You cannot change the data center after starting the archiving process.

To select a data center:

1. When configuring the first archiving process, click the **Settings** icon, and then click **Advanced**.
2. Select the country that is closest to your current location, and then click **OK**.

6.4   Accessing your archived files

When your files are successfully archived, you can access them in:

- **Finder**

  Open Finder, and then click **Acronis Archive** under **Favorites**.
  You can work with the files as if they were stored on an ordinary hard drive.

- **Acronis Cloud**

  Open the Acronis Cloud web application in one of the following ways:
  - Open Acronis True Image 2016, click **Archive**, and then click **Open in web browser**.
  - Go to https://www.acronis.com/my/online-backup/, log in to your account, and then click **Recover my data now**.

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