

7 Online backup

Acronis Online Backup might be unavailable in your region. To find more information, click here:
<https://www.acronis.com/my/online-backup/>

The main reason for using Acronis Online Backup is that you will be able to keep your data secure by storing off-site. Because your files are stored elsewhere, they are protected even if your computer gets stolen or your house burns down. So the risk of data loss as a result of theft, fire, or other natural disasters is practically eliminated. Online backup is basically a method of off-site data storage whereby files and folders are regularly backed up on a remote storage. As a result, you can safely recover any corrupted, lost or deleted files on your computer.

Of course, online backup is not without its shortcomings. If there is a problem with your Internet connection, you could be left without access to your data for some time. And you won't be able to boot up your computer from an online backup, so it is advisable to supplement online backup with image backups to local hard disks.

The biggest drawback of online backup is speed. Even through a fast broadband connection, backing up your data online will be much slower than backing up to a local hard drive. Depending on the amount of data you want to store off-site, your first full online backup could last several hours, though subsequent backups will take much less time, as you'll be backing up only new or changed files.

If you decide to use encryption, the files will be encrypted before transmission over the Internet and data will be stored on the Acronis Online Storage in encrypted form, so you can rest assured that your private information is secure.

7.1 Creating an Online backup account

Performing backups to Acronis Online Storage requires subscription to the Online Backup service. Select **Back Up** → **Online Backup** in the main program menu and then click the **Subscribe to Online Backup service** link on the Online Backup Login window. This will open your web browser and take you to the main Acronis Web site to continue registration.

If you already have an Acronis account, type the e-mail address and password for that account under "Log in to Your Account" to the right. You will be taken to your account page where you will be able to subscribe to the Online Backup Service.

If you do not have an Acronis account, fill in the appropriate fields, and the account will be created for you. Provide your first and last names and e-mail address. You will be offered a country selected on the basis of the IP address of your computer, though you can select another country, if you wish.

Then provide a password for your new account and confirm the password by retyping it once more in the appropriate field. When you perform all actions necessary for account registration, please, wait for an e-mail message that will confirm opening of the account.

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

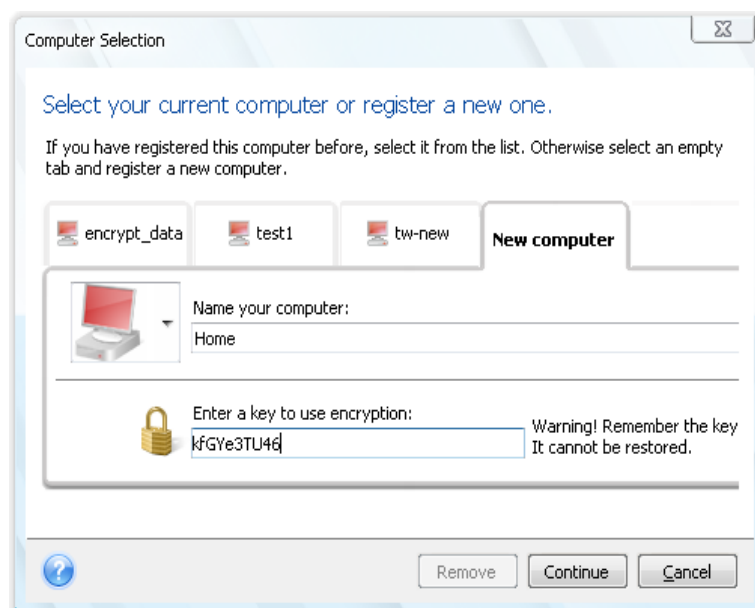
After opening an Acronis Online Backup account, log in to your account page, subscribe to the Online Backup service, and then wait for an e-mail message describing the details of your subscription plan and expiration date. Now you can perform your first online backup.

7.2 Backing up to Acronis Online Storage

To perform an online backup, log on to your Online Backup service account by clicking **Backup** → **Online Backup** on the sidebar and entering your e-mail address used for opening the account and the password. In order to not enter the password during subsequent logons, you may want to select the **Remember the password** check box. Make these settings and click **Log In**.

After the program connects to Acronis Online Backup Server, select a computer for connection to the Online Storage. When logged on to the online backup service for the first time, register a computer for work with Online Backup. To do this, click **New computer**, then type in the computer name.

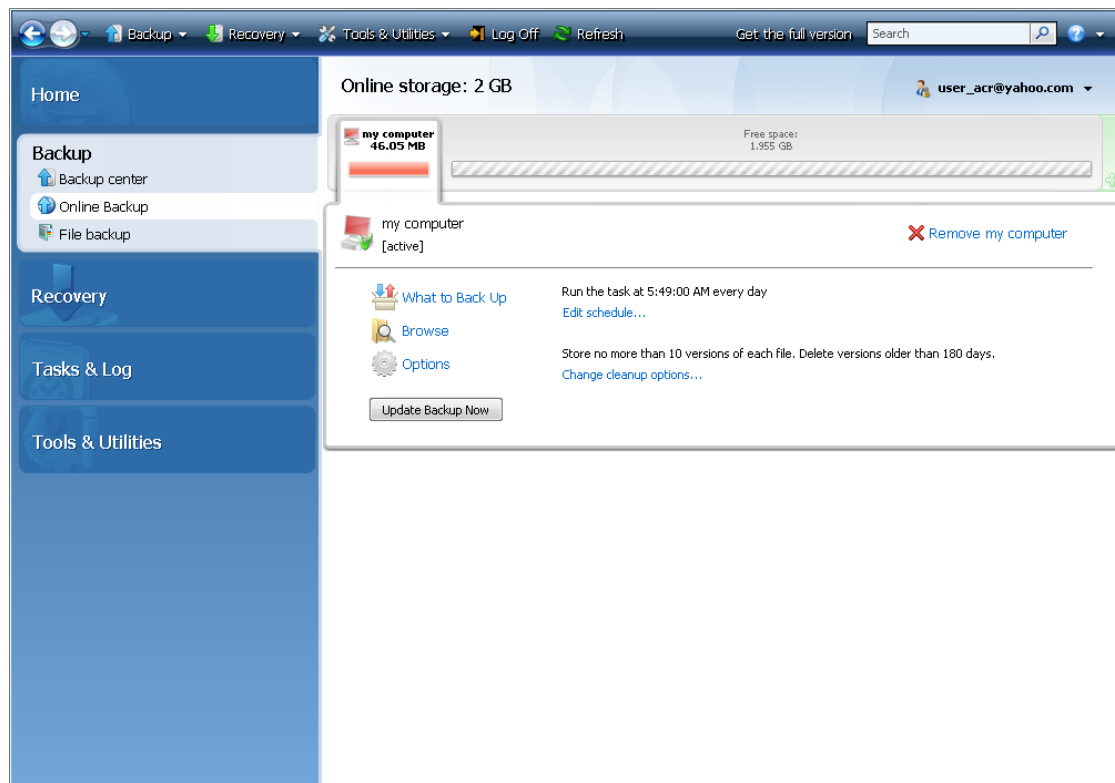
If you want to use encryption for the data to be stored on the Online Storage, enter an encryption key to be used for encrypting your data. Entering the encryption key automatically enables encryption of all data stored on the Online Storage. The encryption key is similar to a password, but it is used for unlocking access to your encrypted data. Acronis Online Backup uses the industry-standard AES-256 encryption algorithm. The data will be encrypted before transferring through the Internet to the Online Storage and will be stored in encrypted form. You need to enter the encryption key for the computer only once during its registration, though it will be required if you try to recover files backed up from this computer when connected to the Online Storage from another computer. Having made all the necessary settings, click **Continue**.



Until you log off, subsequent connections to the Online Storage from this computer will occur automatically - you just need to select **Online Backup**.

If you already registered the computer, select it from the list of registered computers, then click **Continue**. By default your current computer is selected for registration.

When the computer connects to the online storage, the **Online storage** screen with your storage space quota appears.



If you have performed backup on this computer before, you will see how much Online storage space is occupied by the backed up files and folders. The screen also shows the space occupied by the data backed up from other computers (if any) and the remaining free space on the Online storage in accordance with your quota.

When you are going to back up from the current computer for the first time (or need to change the files and folders selected for online backup), click **What to Back Up**. This will open the What to Back Up window with two tabs: **Include** and **Exclude**.

The **Include** tab displays your computer's file and folder tree. The area to the right of the tree shows the contents of a selected folder. This tab allows you to select individual files and folders for backing up, as well as data categories. For more information on categories see *Selecting what data to back up* (p. 50). Furthermore, you can create a custom category by clicking **Add new category**.

The **Exclude** tab enables hidden and system files and folders to be excluded from online backup, as well as files meeting the criteria you specify. Excluding unnecessary files may be useful for backups to the Online storage as the data transfer rate and available space are limited.

*You can also exclude/include files and folders by selecting them in Windows Explorer and choosing **Storages** → **Exclude from Online Backup** (or **Include in Online Backup**) in the shortcut menu that opens by right-clicking on the selected file or folder. This shortcut is only available when you are logged on to the Online Backup service.*

Having finished selecting files and folders for backing up to the Online storage and for excluding from backup click **OK**. If you do not unselect the **Run the updated online backup task now** check box that is selected by default, the online backup task will start immediately. Otherwise it will run according to the schedule you set.

To schedule online backups, click the **Edit schedule...** link. For instance, you may want the backups to be performed at night in order to not interfere with your web surfing. For more information see *Scheduling tasks* (p. 76). When you finish scheduling and click **OK**, the schedule information will be shown above the **Edit schedule...** link.

By default Acronis True Image Personal schedules daily backups to the Online Storage with randomly selected backup start time.

You can quickly start updating the files and folders backed up on the Online storage without creating a backup schedule. To do so, click **Update Backup Now**. This may be useful when you want to back up immediately some important changes to the files backed up on the Online Storage. Incidentally, if the last scheduled online backup has failed, this link changes to **Update Backup Now (Last backup failed)**, allowing you to repeat the failed backup task right away. If you have suspended the previous online backup for any reason, the link text will be as follows: **Update Backup Now (Last backup suspended)**.

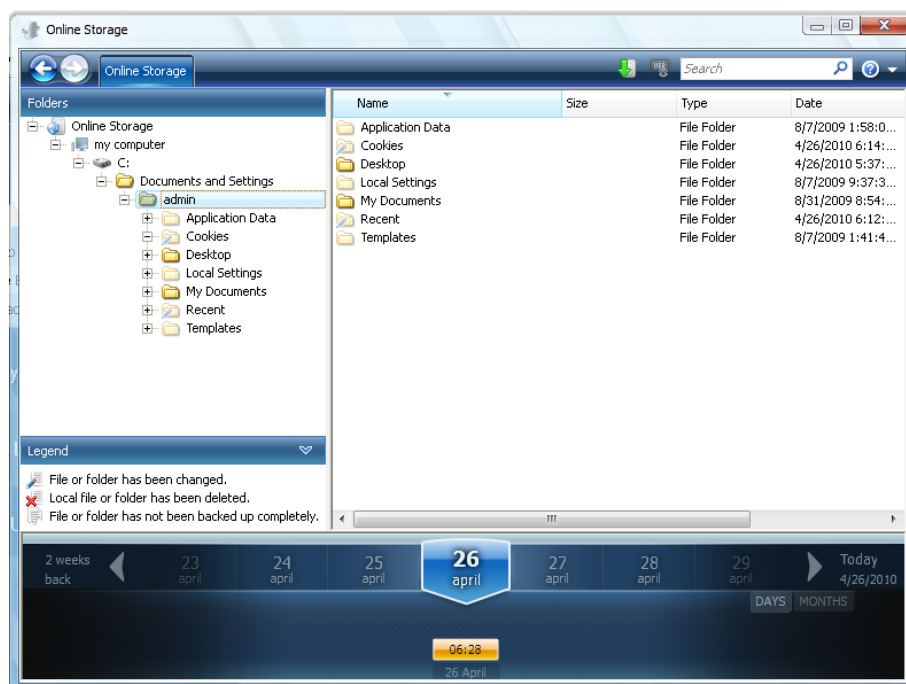
7.3 Recovering data from Online Storage

Log on to your online backup account by clicking **Backup** → **Online Backup** on the sidebar and entering your e-mail address used for opening the account and the password. After the program connects to Acronis Online Backup Server, select a computer for registration on the Online Storage. By default your current computer is selected for registration. Click the **Continue** button. The Online storage screen opens with this computer selected. If you have data backed up from more than one computer, you can select on this screen the computer from which to recover required files. Naturally, you can only browse and recover the data backed up from other computers.

If you encrypted data on another computer, you will be asked to enter the encryption key for the computer to get access to its data on the Online Storage.

1. Click **Browse** on the **Online storage** screen.

Acronis Time Explorer will be opened with the **Online Storage** tab selected.



2. This window also allows choosing the computer from which you backed up the files and folders you need to recover. Select the computer by its name on the directory tree under Online Storage in the left pane.
3. By default the state of the Online Storage after the latest backup is displayed, so the latest versions of the files and folders will be recovered. If you need to recover earlier versions, select the date and time on which you want to recover the state of the files and folders.
4. Select the folder containing the files you want to recover in the left pane. The right pane lists the files in that folder. Select the files to recover. When selecting multiple files you can use the **Ctrl** and **Shift** keys like in Windows Explorer. Having finished selection, click the **Recover** icon on the toolbar.
5. Acronis True Image Personal opens the **Browse for folder** dialog. By default the original location from which the files were backed up will be selected. If necessary, you can select another folder or create a new folder for the files to be recovered to by clicking the **Make New Folder** button. After selecting the folder click **OK**.

If you recover the files to the original folder and Acronis True Image Personal finds a file with the same name there, it will open a dialog window where you can choose what to do with the file: **Recover and replace** the file on the disk, **Do not recover** (to keep the file on the disk), and **Recover, but keep both files** (the recovered file will be renamed). If you want to use the choice for all files with identical names, select the **Apply to all files** check box.

*It is impossible to **Recover and replace** files on the disk which are being used or locked by the operating system at the moment of recovery.*

If you need to recover a specific version of a file, select the file, right click and choose **View Versions** in the shortcut menu. This opens the **File Versions** window. Select the required version by its backup time and click **Recover** on the toolbar. You can also recover the version by dragging it into a selected folder.

To choose the correct version, you can open the version in the associated application and view the file contents. Select the file in the right pane and the bottom line of Time Explorer will show the times of backing up all its versions kept on the Online Storage. Choose a version by its backup time, then right-click on the file in the right pane and choose **Open** in the shortcut menu. Acronis True Image Personal will recover the file version to a temporary folder and then will open the file using the associated application.

7.4 Managing Online Storage

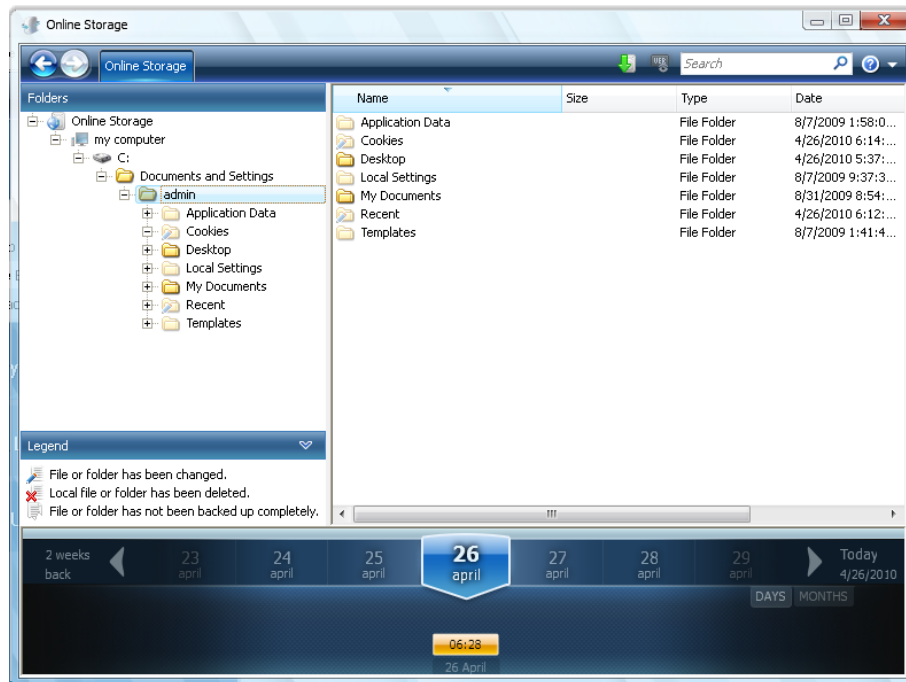
As the available space on Acronis Online Storage is limited depending on the chosen backup plan, you need to manage your Online Storage space by cleaning up the obsolete data. Cleanup can be done in a variety of ways. The most "drastic" one is removing a computer registered on the Online Storage, if you have registered more than one. Removing a computer results in deleting all data that was backed up from that computer, so such an operation must be carried out with caution. To remove a computer, select it on the **Online storage** screen by its name and click **Remove** **<Computer_name>**, then click **Yes** in the confirmation window. After the deletion finishes, click **Refresh** on the toolbar to refresh the storage state shown.

The Online backup options provide for automatic cleanup of the Online Storage. You can specify deletion of files that have been kept on the storage longer than the specified number of months or days. In addition, you can set the maximum number of file versions to be kept on the Online Storage. You can accept the default settings for those options shown above the **Change cleanup options...** link or set the values you need. To change the above options, click the link and set the desired values.

You can also manage Acronis Online Storage by deleting individual files or even some of their versions.

1. Click **Browse** on the **Online storage** screen.

Acronis Time Explorer will be opened with the **Online Storage** tab selected.



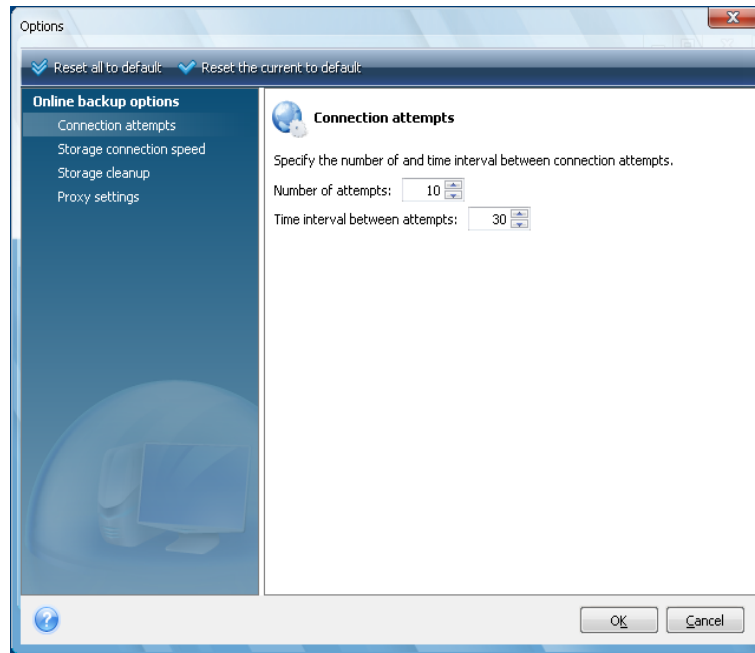
2. Select the computer from which you backed up the files you need to manage by its name on the directory tree under Online Storage in the left pane.
3. Select the folder containing the files you want to manage in the left pane. The right pane lists the files in that folder.
4. If you want to delete some versions of a specific file, select the file and click **View Versions** on the toolbar. This opens the **File Versions** window. Select the version you want to delete and click **Remove** on the toolbar. When you want to delete several versions, use the **Ctrl** and **Shift** keys like in Windows Explorer to select the versions for deletion and then click **Remove** on the toolbar. Having finished removing the versions, click **OK**. To delete all versions of the file click **Remove All** on the toolbar.
5. If you want to delete a file, select it in the right pane. When selecting multiple files for deletion you can use the **Ctrl** and **Shift** keys like in Windows Explorer. Having finished selection, right-click on the selection and choose **Delete** in the shortcut menu.
6. After you finish managing the Online Storage, close the Acronis Time Explorer window.
7. To see how much space you have freed up, click **Refresh** on the toolbar of the Storage state screen and check the new value of free space.

7.5 Setting online backup options

You can set these options after logging on Acronis Online Backup and selecting a computer for use with Online backup service. To do so, click **Settings** on the **Storage state** screen.

7.5.1 Connection attempts

This page allows you to optimize the settings Acronis True Image Personal uses when establishing connection to the Online Storage.



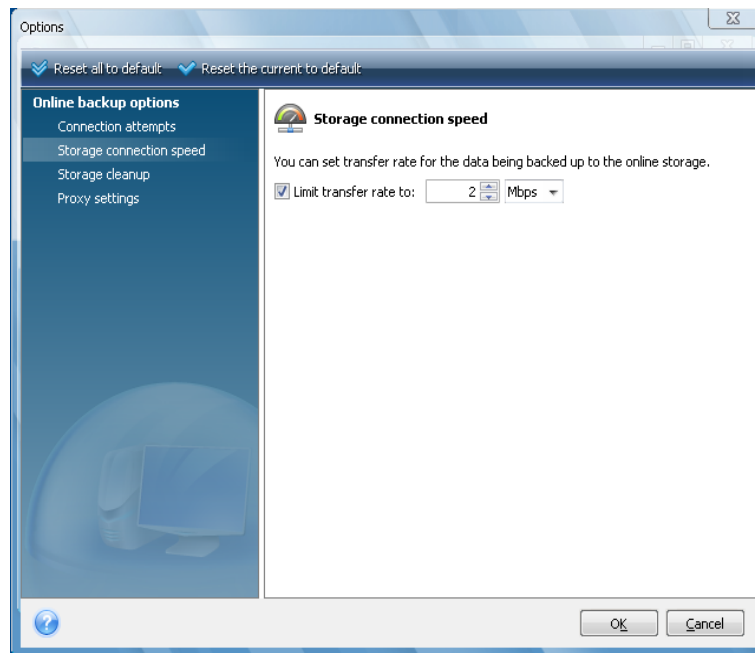
Here you can specify how many connection attempts will be made if the first attempt fails (the default number is 10).

In addition you can specify a time interval between connection attempts (30 seconds by default).

7.5.2 Storage connection speed

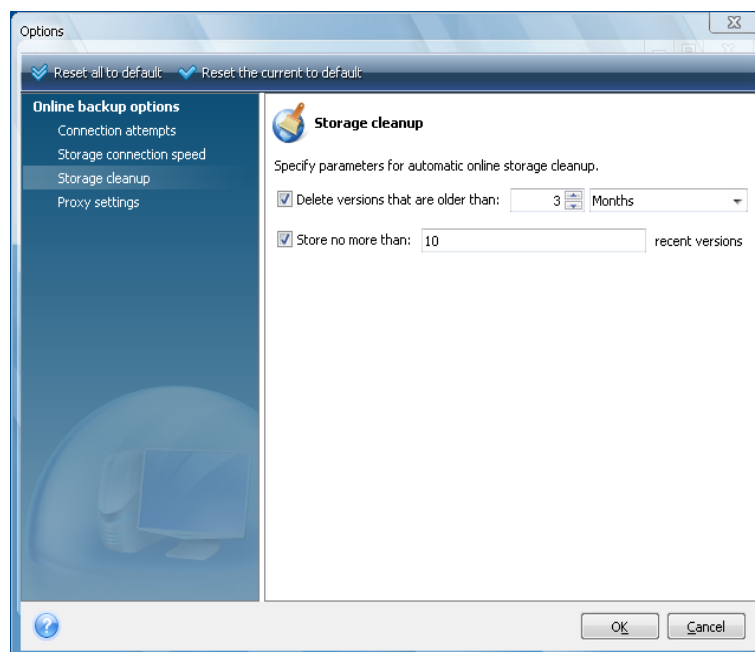
One more option gives you the ability to "throttle" the bandwidth allocated for data transfer to the Online Storage. Set the connection speed that will allow you to send e-mail or surf the Web without annoying slowdowns while online backup is running. To do this, select the **Limit transfer rate to:** check box and set the connection speed (8 Mbps by default).

To back up your data to the Online storage at the maximum speed your Internet connection can provide, unselect the **Limit transfer rate to:** check box.



7.5.3 Storage cleanup

The **Storage cleanup** page is intended for setting the options that enable automatic cleanup of obsolete file versions from the online storage to keep the storage from overfilling.



You can:

- Delete versions that are older than the specified time period - 6 months by default.
- Specify how many versions of your files must be kept on the Online Storage. This will allow you to return to a previous file version if your changes in a file turn out to be erroneous. By default

Acronis True Image Personal will keep 10 versions of your files, though you can specify any other number.

7.5.4 Proxy settings

If your computer is connected to the Internet using a proxy server, enable use of the proxy server and enter its settings.

Acronis Online Backup supports only http and https proxy servers.

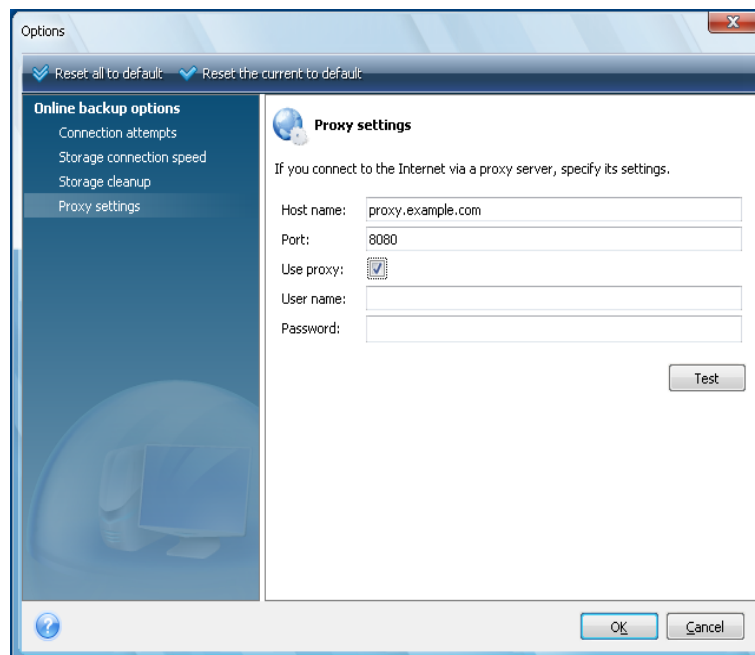
In the **Host name** box, type the name or IP address of the proxy server, such as proxy.example.com or 192.168.0.1.

In the **Port** box, type the proxy server's port, such as 8080.

In the **User name** and **Password** boxes, type the credentials you use for connecting to the proxy server, if necessary.

To test the proxy server connection, click the **Test** button.

If you do not know your proxy server settings, contact your network administrator or Internet service provider for assistance. Alternatively, you can take these settings from your browser's configuration.



7.6 Recommendations on selecting data for storing online

Because online backups are relatively slow, you should think over what data to back up. First of all consider backing up your personal data that cannot be recovered if lost as a result of fire, computer theft, etc. Before proceeding with a backup, estimate how long it will take to back up your data. For instance, if your folders take up 10GB and your upload speed is 1000 Kbps (somewhat less than half a gigabyte per hour), it should take more than 20 hours to perform your first full backup. So depending on the speed of your Internet connection, you may want to back up just the most critical files.