



Upgrading to stand-alone editions of Acronis® Backup & Recovery™ 10

Technical white paper

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1 About this document

This document describes upgrading from stand-alone editions of Acronis True Image Echo to the corresponding stand-alone editions of Acronis Backup & Recovery 10:

- **Acronis True Image Echo Server for Windows to Acronis Backup & Recovery 10 Server for Windows**
- **Acronis True Image Echo Server for Linux to Acronis Backup & Recovery 10 Server for Linux**

2 Summary

Acronis Backup & Recovery 10 succeeds Acronis True Image Echo as the company's next generation disaster recovery solution.

The product provides functionality to upgrade from Acronis True Image Echo, which includes replacing old components and importing old tasks.

To perform the upgrade, you need the license key for your Acronis True Image Echo product and a license key for your Acronis Backup & Recovery 10 product—normally, an *upgrade license key*.

You have the option to import backup tasks and validation tasks from Acronis True Image Echo to Acronis Backup & Recovery 10.

After the upgrade, you retain the ability to recover data from Acronis True Image Echo backups.

3 Upgrading to Acronis Backup & Recovery 10 Server for Windows

This section describes how to upgrade from Acronis True Image Echo Server for Windows to Acronis Backup & Recovery 10 Server for Windows.

3.1 Preparation

Before proceeding with the upgrade, make sure that:

- You have the license key for Acronis True Image Echo Server for Windows.
- You have a full or upgrade license key for Acronis Backup & Recovery 10 Server for Windows
- If you plan to use Acronis Backup & Recovery 10 Universal Restore, make sure that you have a full or upgrade license key for it and the license key that is used for this feature in Acronis True Image Echo Server for Windows.

If the languages of the two products are different, uninstall Acronis True Image before installing Acronis Backup & Recovery 10. Otherwise, the installation will fail.

The procedures below assume that you have an upgrade license key, but you can also use these procedures if you have a full license key.

3.2 Installation

1. Run the Acronis Backup & Recovery 10 setup file.
2. Click **Install Acronis Backup & Recovery 10**.
3. *For the upgrade license key:* Specify the upgrade license key and the license key for Acronis True Image Echo Server for Windows. If you have the upgrade license key for Acronis Backup & Recovery 10 Universal Restore, specify it and the key that is used for this feature in Acronis True Image Echo Server.

For the full license key: specify only the key for Acronis Backup & Recovery 10 Server for Windows and, if purchased, the key for Acronis Backup & Recovery 10 Universal Restore.

4. Select the **Proceed with installation (the previous version of the product will be removed)** check box. Optionally, during installation, you can:
 - import the old backup and validation tasks of Acronis True Image Echo by selecting the **Import existing tasks to Acronis Backup & Recovery 10** check box.
 - import settings of default backup options, default restoration options, notification options, and event tracing options of Acronis True Image Echo by selecting the **Import user settings to Acronis Backup & Recovery 10** check box.

Otherwise, you can import the tasks and settings later at any time. For details, see "Importing old tasks" and "Importing old options" later in this document.

5. Follow the on-screen instructions.

Result:

- Acronis True Image Echo Server for Windows is replaced with Acronis Backup & Recovery 10 Server for Windows.
- If you chose to import the old tasks, they are imported to Acronis Backup & Recovery 10. Otherwise, they are still present on the machine, but will not run until you import them.
- If you chose to import the old user settings, they are imported to Acronis Backup & Recovery 10. Otherwise, they are still present on the machine, but will not take effect until you import them.

3.3 Importing old tasks

You can import Acronis True Image Echo backup tasks and validation tasks to Acronis Backup & Recovery 10. If not imported, these tasks will not run.

All backup and validation tasks can be imported either during Acronis Backup & Recovery 10 agent installation or later, by manually running the Upgrade tool. Instead of importing all tasks at once, you can use the upgrade tool to import individual tasks.

Note: *The tasks that back up data to Acronis Backup Server or validate archives stored on it will not be imported to Acronis Backup & Recovery 10. If you have such tasks, see "What can I do with tasks related to Acronis Backup Server?" in the section "What else you may need to know (p. 8)".*

3.3.1 Importing all tasks at once

To import the old tasks during installation, simply select the **Import existing tasks** check box in the setup program.

To import the old tasks later, use the Acronis Backup & Recovery 10 Upgrade Tool command-line utility:

1. Change the current folder to the folder where the upgrade tool is installed—by default:
C:\Program Files\Acronis\UpgradeTool
2. Run the following command:

```
cscript UpgradeTool.vbs Agent
```

Result:

- Tasks that were present in Acronis True Image Echo are converted to Acronis Backup & Recovery 10 tasks and appear in the **Backup plans and tasks** view.
- Each backup task's schedule, items to back up, and backup destination are the same as before; but to perform further backups, the task will create a new archive (starting from a full backup).
- Each backup task is part of a *backup plan*. You can edit the backup plan to change the task's schedule or other parameters.

3.3.2 Importing individual tasks

Acronis True Image Echo stores each task as a .tis file. By default, these files are located in the folder **C:\Documents and Settings\All Users\Application Data\Acronis\TrueImage\Scripts**.

The names of the .tis files are Universally Unique Identifiers (UUIDs), such as 6AED5F49-7EED-4E3E-939E-19360A44137F.tib.tis. Each file has the XML format. The **<display>** tag in the file specifies the task name as it appears in the list of tasks.

To import a task

1. Determine the file name of the task that you want to import—for example, by examining the content of the **<display>** tag.
2. Change the current folder to the one where the upgrade tool is installed.
3. Run the following command, specifying the task's file name:

```
cscript UpgradeTool.vbs Script -f "C:\Documents and Settings\All  
Users\Application Data\Acronis\TrueImage\Scripts\6AED5F49-7EED-4E3E-939E-  
19360A44137F.tib.tis"
```

As a result, the task is imported as an Acronis Backup & Recovery 10 task and becomes part of a backup plan.

3.4 Importing old options

The upgrade tool enables you to import the default backup options, default restoration options, notification options, and event tracing options of Acronis True Image Echo to the default backup and recovery options of Acronis Backup & Recovery 10.

To import the old options:

1. Change the current folder to the one where the upgrade tool is installed.
2. Run the following command:

```
cscript UpgradeTool.vbs Options
```

The old options are imported as follows:

- **Notifications** is imported as **Notifications** in both **Default backup options** and **Default recovery options**.
- **Event tracing** is imported as **Event tracing** in both **Default backup options** and **Default recovery options**.

- **Archive splitting** is imported as **Backup splitting**.
- In **Media components**, if **Place Acronis One-Click Restore on media** is the only check box selected, it is imported as **Acronis Bootable Agent and One-Click Restore**.
- **Validate backup archive upon its creation completion** is *not* imported from **Additional settings** in **Default backup options** or **Default recovery options**.
- In **Default recovery options**, **Files to exclude from restoration**, **Files overwriting mode**, and **Restore files and folders without restoring full path** (in **Additional settings**) are *not* imported.
- Other options are imported as the corresponding options in **Default backup options** and **Default recovery options**.

4 Upgrading to Acronis Backup & Recovery 10 Server for Linux

This section describes how to upgrade from Acronis True Image Echo Server for Linux to Acronis Backup & Recovery 10 Server for Linux.

4.1 Preparation

Before proceeding with the upgrade, make sure that:

- You have the license key for Acronis True Image Echo Server for Linux.
- You have a full or upgrade license key for Acronis Backup & Recovery 10 Server for Linux.

If the languages of the two products are different, uninstall Acronis True Image before installing Acronis Backup & Recovery 10. Otherwise, the installation will fail.

The procedures below assume that you have an upgrade license key, but you can also use these procedures if you have a full license key.

4.2 Installation

1. Run the Acronis Backup & Recovery 10 setup file.
2. Specify the upgrade license key and the license key for Acronis True Image Echo Server for Linux. If you have a full license key for Acronis Backup & Recovery 10 Server for Linux, specify only this key.
3. Confirm deletion of Acronis True Image Server for Linux.
4. If you want to import Acronis True Image Echo backup tasks and validation tasks, make sure that the **Upgrade tool** component is selected to install.
5. Follow the on-screen instructions.

Result:

- Acronis True Image Echo Server for Linux components are replaced with Acronis Backup & Recovery 10 Agent for Linux.

4.3 Importing old tasks

You can import Acronis True Image Echo backup tasks and validation tasks to Acronis Backup & Recovery 10. If not imported, these tasks will not run.

Use the Upgrade tool to import all backup and validation tasks at once or to import individual tasks.

Note: The tasks that back up data to Acronis Backup Server or validate archives stored on it will not be imported to Acronis Backup & Recovery 10. If you have such tasks, see "What can I do with tasks related to Acronis Backup Server?" in the section "What else you may need to know (p. 8)".

4.3.1 Importing all tasks at once

To import the old tasks, use Acronis Backup & Recovery 10 Upgrade Tool:

1. Change the current directory to: **/usr/lib/Acronis/UpgradeTool**
2. Run the following command:

```
./UpgradeTool.sh Agent
```

Result:

- Tasks that were present in Acronis True Image Echo are converted to Acronis Backup & Recovery 10 tasks and appear in the **Backup plans and tasks** view.
- Each backup task's schedule, items to back up, and backup destination are the same as before; but to perform further backups, the task will create a new archive (starting from a full backup).
- Each backup task is part of a *backup plan*. You can edit the backup plan to change the task's schedule or other parameters.

4.3.2 Importing individual tasks

Acronis True Image Echo stores each task as a .tis file. By default, these files are located in the directory **/etc/Acronis/TrueImage/Scripts**.

The names of the .tis files are Universally Unique Identifiers (UUIDs), such as 6AED5F49-7EED-4E3E-939E-19360A44137F.tib.tis. Each file has the XML format. The **<display>** tag in the file specifies the task name as it appears in the list of tasks.

To import a task

1. Determine the file name of the task that you want to import—for example, by examining the content of the **<display>** tag.
2. Change the current folder to the one where the upgrade tool is installed.
3. Run the following command, specifying the task's file name:

```
./UpgradeTool.sh Script -f /etc/Acronis/TrueImage/Scripts/6AED5F49-7EED-4E3E-939E-19360A44137F.tib.tis"
```

As a result, the task is imported as an Acronis Backup & Recovery 10 task and becomes part of a backup plan.

4.4 Importing old options

The upgrade tool enables you to import the default backup options, default restoration options, notification options, and event tracing options of Acronis True Image Echo to the default backup and recovery options of Acronis Backup & Recovery 10.

To import the old options:

1. Change the current directory to the one where the upgrade tool is installed.
2. Run the following command:

```
./UpgradeTool.sh Options
```

The old options are imported as follows:

- **Notifications** is imported as **Notifications** in both **Default backup options** and **Default recovery options**.
- **Event tracing** is imported as **Event tracing** in both **Default backup options** and **Default recovery options**.
- **Archive splitting** is imported as **Backup splitting**.
- In **Media components**, if **Place Acronis One-Click Restore on media** is the only check box selected, it is imported as **Acronis Bootable Agent and One-Click Restore**.
- **Validate backup archive upon its creation completion** is *not* imported from **Additional settings** in **Default backup options** or **Default recovery options**.
- In **Default recovery options**, **Files to exclude from restoration**, **Files overwriting mode**, and **Restore files and folders without restoring full path** (in **Additional settings**) are *not* imported.
- Other options are imported as the corresponding options in **Default backup options** and **Default recovery options**.

5 Using old backup archives

After upgrading to Acronis Backup & Recovery 10, you retain the ability to recover data from backups created with Acronis True Image Echo.

To facilitate access to these backups, you may want to create a *personal vault* where the backups are located. For instructions on how to create a personal vault, see the "Actions on personal vaults" section in the User's Guide.

A personal vault can store both Acronis True Image Echo archives and Acronis Backup & Recovery 10 archives. You can specify this vault as a destination for new backup plans.

6 What else you may need to know

This section answers some questions that may occur in less common situations.

What can I do with tasks related to Acronis Backup Server?

Acronis Backup Server is a component in advanced editions of Acronis True Image Echo, such as Acronis True Image Echo Enterprise Server. In advanced editions of Acronis Backup & Recovery 10, the analogous component is called *Acronis Backup & Recovery 10 Storage Node*.

Acronis Backup & Recovery 10 components do not work with Acronis Backup Server, and the tasks that back up data to the backup server or validate archives stored on it are not imported to Acronis Backup & Recovery 10.

After the upgrade, consider creating similar tasks with a backup destination other than the backup server's locations.

You may also want to upgrade your advanced edition of Acronis True Image Echo to an advanced edition of Acronis Backup & Recovery 10, and use the storage node's *centralized vaults* as the backup destination. Regarding upgrade to advanced editions, see the white paper titled "Upgrading to advanced editions of Acronis Backup & Recovery 10".

How can I access backup archives stored on Acronis Backup Server?

If your stand-alone edition of Acronis True Image Echo backed up data to the backup server, the easiest way to retrieve it is to export all the necessary backups to a network share before starting the upgrade. After upgrade, consider creating a personal vault of this network share to facilitate access to the backups.