

Scripting and Scheduling



Acronis True Image Server

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1. Introduction

The server version of Acronis True Image (TrueImageServer.exe) is started with an INI-file (as a parameter for the executable). After starting, the program does not ask any further questions of the user, other than giving hints such as "Insert a new CD-R/DVD" when backing-up or restoring to/from a CD/DVD. If any error should occur, it is written to a log-file.

2. Usage

```
TRUEIMAGESERVER.EXE FILENAME.INI
```

3. Structure of the INI-file

The INI-file has the following structure:

```
[SETTINGS]
OPERATION=<BACKUP>,<RESTORE>,<MOUNT>
PARTITIONS=<DRIVENAMES>, E.G. C:,D:
PATH=<FILENAME>
COMPRESSIONRATIO=<0:9>
SPLITIMAGE=<AUTOMATIC> OR <SIZE>
PASSWORD=<PASSWORD>
COMMENT=<COMMENT>
LOGFILE=<NAME_OF_LOG_FILE>
```

Parameters:

OPERATION=

This parameter must be one of the following values:

BACKUP - backup partitions to the image archive file;

RESTORE - restore partitions from the image archive file;

MOUNT - explore the image archive file.

(For example: OPERATION=BACKUP)

PARTITIONS=

List of the selected partitions.

(For example: PARTITIONS=C:,D:,F:)

PATH=

Image archive full path. The standard file extension for Acronis' backup archive files is ".TIB".

(For example: `PATH=C:\MY_BACKUPS\MY_ARCHIVE.TIB`)

COMPRESSIONRATIO=

Compression level. This is valid only for backup operations. The value can be in a range between 0 (meaning no compression) and 9 (maximum compression). The default compression level is 3.

(For example: `COMPRESSIONRATIO=1`)

SPLITIMAGE=

Splitting of a large image archive into smaller files of a specified size. This is valid only for the backup operation. The value must be in bytes or you can set as AUTOMATIC to split the image archive automatically. The default value is AUTOMATIC.

(For example: `SPLITIMAGE=1457664`)

PASSWORD=

You may specify a password, if you want to protect your image archive from unauthorized access, when creating the image. For the restore and mount operations you should specify the password if the image archive was protected.

(For example: `PASSWORD=Qwerty`)

COMMENT=

You may add comments to the image archive. This is valid for backup operations only.

(For example:

```
COMMENT=My partitions C:, D:, E:  
line 2...  
line 3...  
...)
```

LOGFILE=

The log-file full path. Acronis True Image will write any errors and its operational status to this file.

(For Example: `LOGFILE=C:\MyBackup.log`)

4. Examples

Here are examples of using the INI-files:

4.1 Backup

```
[SETTINGS]
OPERATION=BACKUP
PARTITIONS=C:,F:
PATH=E:\TEST.TIB
COMPRESSIONRATIO=5
SPLITIMAGE=AUTOMATIC
COMMENT=TEST COMMENTS
LOGFILE=E:\BACKUP.LOG
```

4.2 Restore

```
[SETTINGS]
OPERATION=RESTORE
PARTITIONS=C:
PATH=F:\MYBACKUP.TIB
LOGFILE=F:\RESTORE.LOG
```

4.3 Mount

```
[SETTINGS]
OPERATION=MOUNT
PARTITIONS=C:, F:, G:
PATH=H:\BACKUP.TIB
PASSWORD=QWERTY
LOGFILE=H:\MOUNT.LOG
```

5. Scheduling True Image Server

5.1 Windows 2000/2003 Servers

To schedule Acronis True Image Server operations you should prepare the appropriate INI-file(s) described above then use the standard Windows Task Scheduler in a few simple steps.

1. Make sure you have enough rights to schedule program running (you must be a member either of the Administrators, Backup Operators, or Server Operators group).
2. Open Task Scheduler. In Windows Server 2003 click **Start**, click **Control Panel**, and then double-click **Scheduled Tasks**. In Windows 2000 Server click **Start**, click **Settings**, click **Control Panel**, and then double-click **Scheduled Tasks**.
3. Double-click **Add Scheduled Task**.
4. Follow the instructions in the Scheduled Task wizard.
5. Select the **Open advanced properties for this task when I click Finish** check box in the final page of the wizard. This opens the properties dialog box for the task.
6. Append the path to the INI file in the **Run** field just after the task path.

Notes

- When creating a scheduled task, you must enter a user name and password, either in the Add Scheduled Task Wizard or in the **Run as** box in the **Task** tab of the scheduled task's property dialog box. When the scheduled task runs, the program you've scheduled runs as if it were started by the user you specified, with that user's security context.
- Confirm that the system date and time on your computer are accurate, as Task Scheduler relies on this information to run scheduled tasks. To verify or change this information, double-click the time indicator on the taskbar.
- If the path or the name of INI file includes spaces, type double quotation marks around the entire file path.

5.2 Windows NT 4.0 Server

For scheduling True Image Server operations in Windows NT 4.0 Server use the AT command. The parameters for this command are described in the Windows Help system.

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