

# Acronis Snap Deploy Installation Guide

---

Copyright © Acronis, Inc., 2000-2005. All rights reserved.

Windows and MS-DOS are registered trademarks of Microsoft Corporation.

All other trademarks and copyrights referred to are the property of their respective owners.

Distribution of substantively modified versions of this document is prohibited without the explicit permission of the copyright holder.

Distribution of this work or derivative work in any standard (paper) book form for commercial purposes is prohibited unless prior permission is obtained from the copyright holder.

DOCUMENTATION IS PROVIDED «AS IS» AND ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT SUCH DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

Acronis, Inc.

Homepage: <http://www.acronis.com/>

E-mail: [info@acronis.com](mailto:info@acronis.com)

Technical questions: [support@acronis.com](mailto:support@acronis.com)

# 1 Installing and using Acronis License Server

The **Acronis License Server** allows you to manage your Acronis enterprise product licenses from a single location. The license server must be installed before installing other Acronis components.

## To install Acronis License Server:

1. Run **AcronisSnapDeploy.exe**
2. In the **Install Menu**, select the **Install Acronis License Server**
3. Read and accept the terms of the license agreement, then click **Next**
4. In the **Choose setup type** window, choose **Typical**
5. Click **Proceed** to install Acronis License Server

After purchasing product you will receive serial numbers for license validation. It is recommended that you save these serials in a text file and place it in the same folder, where Acronis License Server is installed.

You can import these serial numbers to the license server manually one at a time or import them all at once from the saved file.

Acronis License Server includes a special command-line utility `LicenseServerCmdLine.exe` which allows you to manage license information.

After the Acronis License Server installation `LicenseServerCmdLine.exe` will be located in the installation folder, e. g. `C:\Program Files\Acronis\License Server`.

## To import serial numbers to the Acronis License Server:

1. After Acronis License Server installation run the `LicenseServerCmdLine.exe` in the Windows Command Prompt (`cmd.exe`).
2. If you want to import all serial numbers at once type following command:

```
LicenseServerCmdLine --import-file [computername] [filename]
```

where:

**computername** – name of the computer with Acronis License Server installed

**filename** – name of the saved file (\*.txt or \*.eml) with serial numbers

For example:

```
LicenseServerCmdLine --import-file MyServer serials.txt
```

3. If you want to import serial numbers manually type the following command:

```
LicenseServerCmdLine --import [computername] [serial1]
[serial2] ...
```

where:

**computername** – name of the computer with Acronis License Server installed

**serial** – license serial number

For example:

```
LicenseServerCmdLine --import MyServer NL6ER-HDVVY-2ZJ27-
RRMMH-AH7Q7
```

## 1.1 LicenseServerCmdLine.exe commands reference

LicenseServerCmdLine.exe uses the following syntax:

```
LicenseServerCmdLine [option] [parameter1] [parameter2]
```

LicenseServerCmdLine.exe supports the following options:

**--list**

Displays the list of the License servers available in the local network

**--status [server name or server IP-address]**

Displays specified License Server status

**--import [server name] [serial number]**

Adds information about new license (new serial key). It is possible to specify multiple serial numbers at once (space separated)

**--import-file [server name] [filename]**

Imports all license serial numbers from .txt or .eml file

**--help**

Displays help information

## 2 Acronis Snap Deploy installation

You can install all the Acronis Snap Deploy components (Acronis Snap Deploy Management Console, Acronis OS Deploy Server, Acronis PXE Server, Acronis Snap Deploy Management Agent and Acronis License Server) on one PC or each component on a separate computer. The installation procedure may differ from the one described below, depending on the component.

**To install an Acronis Snap Deploy component:**

1. Run **AcronisSnapDeploy.exe**
2. In the **Install Menu**, select the component that you are going to install on a current PC. Available options are: Acronis Snap Deploy

- Management Console, Acronis OS Deploy Server, Acronis PXE Server, Acronis Snap Deploy Management Agent).
3. Read and accept the terms of the license agreement, then click **Next**.
  4. In the **Specify License Server** window, you should specify the License Server for license validation. It can be found automatically on the local network or can be specified manually.
  5. In the **Choose setup type** window, choose setup type:
    - Typical -- installs most common program features (recommended for most users)
    - Custom -- allows users to choose program features to install and select a location for setup (recommended for advanced users)
    - Complete -- all program features will be installed (requires the most disk space)
  6. In the **Select Administrators Options** window, choose Install for all users or Install for the currently logged-in user, then click **Next**.
  7. Click **Proceed** to begin installation.

### 3 Setting up security parameters for Acronis Snap Deploy

Acronis Snap Deploy fully supports all security standards used in Windows.

If a remote PC has Windows NT/2000/XP OS installed, the Acronis Snap Deploy Management Agent can be accessed according to security policy set up in the local network. To have remote access to Acronis Snap Deploy Management Agent, the user must be a part of the Administrators or Backup operators groups.

If a remote PC has Windows 98/Me installed without its own security system, you will need to provide a username and password during installation of the Acronis Snap Deploy Management Agent that will be used by Acronis Snap Deploy Management Console.

### 4 Components modification

You can modify features of the installed components.

**To customize component features,**

1. Run **AcronisSnapDeploy.exe**
2. In the **Install Menu**, click on the component you are about to customize.

3. Click **Modify** in the **Modify, Repair or Remove Installation** window.
4. In the **Custom Setup** window, click on the feature:
  - **Will be installed on a local hard drive** -- selecting this option installs the selected component feature on your computer's disk drive.
  - **Entire feature will be installed on a local hard drive** -- selecting this option installs the selected component feature, as well as all features and subfeatures in the product tree below the selection on your computer's disk.
  - **Entire feature will be unavailable** -- selecting this option removes the feature from your computer's disk drive.
5. Click **Next** to apply changes.

## 5 Repairing components

During maintenance periods, you may need to repair (or restore) Acronis Snap Deploy components.

### To repair a component:

1. Run **AcronisSnapDeploy.exe**
2. In the **Install Menu**, click on the component you want to repair.
3. Click **Repair** in the **Modify, Repair or Remove Installation** window.

## 6 Removing the program

You can remove any Acronis Snap Deploy component separately.

### To remove a component from the Control Panel:

1. Run **Control Panel**.
2. Select **Add or remove programs**.
3. Click the **Remove** button on the Acronis Snap Deploy component.
4. Follow the instructions on the screen.

You can also remove Acronis Snap Deploy components in the Install Menu.

### To remove a component from the Install Menu:

1. Run **AcronisSnapDeploy.exe**
2. In the **Install Menu**, click on the component that is about to be removed.
3. Click **Remove** in the **Modify, Repair or Remove Installation** window.

## 7 Used ports and IP addresses

The Acronis OS Deploy Server and the Acronis Snap Deploy Management Console use the following ports and IP addresses for remote operation:

- UDP port: 9876
- TCP port: 9876, if port number is already in use, a random port is obtained
- IPv4 multicast address: 239.255.219.45
- IPv6 multicast address: FF05::fAA5:741E
- Deploy Director Management Console UDP port: 9877, if port number is already in use, a random port is obtained

The Acronis PXE server uses following ports and IP addresses:

- UDP port: 67, 68, 69.
- Broadcast address: 255.255.255.255

If you are using a firewall, you might have to set the appropriate access options.

## 8 Technical support

Users that have legally purchased and registered their copy of Acronis Snap Deploy will receive free e-mail technical support from Acronis. If you have problems installing or using the system that you cannot resolve with the help of this guide and readme file, please e-mail technical support. You will also need to provide the registration number of your Acronis Snap Deploy supplied with this package.

Support URL: <http://www.acronis.com/support/>

E-mail: [support@acronis.com](mailto:support@acronis.com)