



Acronis Data Cloud plugin for ConnectWise Automate

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1 Introduction

This document describes how to install and use the Acronis Data Cloud plugin for ConnectWise Automate. The integration with Acronis Data Cloud enables IT service providers to easily back up any and all endpoints directly from the ConnectWise Automate interface without going to the Acronis Data Cloud web interface.

Once the plugin is installed and configured, the data protection properties are automatically available for all servers and workstations in any location.

The service providers can:

- Remotely install, update, and uninstall the backup agent on protected computers
- Easily apply and revoke the pre-defined backup plan at the client, location, or computer level
- Monitor backup status for errors and warnings
- Leverage the native ConnectWise Automate reporting, ticketing and alerting functionality for handling backup events
- Provision new Acronis Data Cloud customers

The service providers can go to the Acronis Data Cloud web interface if they want to configure unique backup settings. The backup plans created in the Acronis Data Cloud web interface are then synchronized and available for further use in the ConnectWise Automate interface.

Recovery is performed exclusively via the Acronis Data Cloud web interface.

Terminology conventions

We will refer to the Acronis Data Cloud plugin as "Acronis plugin" throughout this document.

We will refer to the Acronis Data Cloud web interface as "backup console" throughout this document.

2 Activating your account

Prior to installing the plugin, please obtain an Acronis Data Cloud account from an Acronis or partner sales representative. To obtain the account from Acronis, visit <https://www.acronis.com/provider/backup-cloud/> and click **Contact Us**.

After signing the partnership agreement, you will receive an email message containing the following information:

- **An account activation link.** Click the link and set the password for your account. Remember your login that is shown on the account activation page.
- **A link to the login page.** By using this link, you can access the backup console directly from a browser. The login and password are the same as in the previous step.

3 System requirements

Acronis plugin

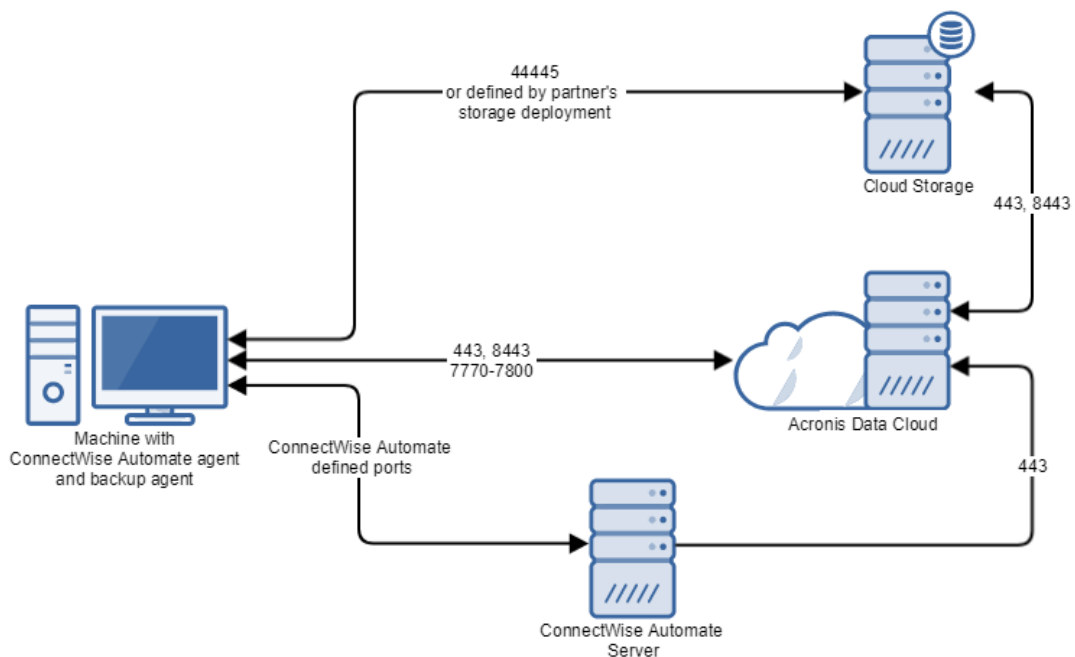
The Acronis plugin can be installed on a ConnectWise Automate Server running ConnectWise Automate version 11 and .NET Framework 4.5.2 or later.

Acronis agents

Agents are applications that perform data backup, recovery, and other operations on the computers managed by Acronis. An agent can be installed in any Windows or Mac operating system supported by ConnectWise Automate. For the exact list of supported operating systems, refer to https://www.acronis.com/support/documentation/Acronis_Backup_Cloud/index.html#33496.html.

Network requirements

The diagram below illustrates the network connections that are necessary for the Acronis plugin to work.



User rights

To install the plugin, a ConnectWise Automate user must have the **Core > Plugin Manager** permission set to **Access**.

The screenshot shows a window titled "Editing the information for Admin2(3)" with tabs for General, Permissions, Groups and Clients, and User Avatar. The "Permissions" tab is active, showing a list of "User Classes" on the left and a table of "Effective Permissions" on the right. The "Effective Permissions" table has columns for "Permission", "Create", "Read", "Update", "Delete", and "Access". The "Plugin Manager" permission is highlighted with a red box, showing "Access" set to "Access".

Permission	Create	Read	Update	Delete	Access
Network Devices	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
Show All	N/A	N/A	N/A	N/A	<input type="checkbox"/>
Patch Manager	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	N/A
Plugin Manager	N/A	N/A	N/A	N/A	<input checked="" type="checkbox"/>
Probe Templates	N/A	N/A	N/A	N/A	<input checked="" type="checkbox"/>
Quick Connect	N/A	N/A	N/A	N/A	<input checked="" type="checkbox"/>
Remote Monitors	<input checked="" type="checkbox"/>	N/A	N/A	<input checked="" type="checkbox"/>	N/A
Reports	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
RSS Feed	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	N/A
Scripts	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A

At the bottom of the window, there are buttons for "View Permissions", "Save", and "Cancel". A status bar at the bottom indicates "Last Edited on 8/17/2016 5:39:20 AM by Ivan".

To use and access the plugin once it is installed, a ConnectWise Automate user must have the **Plugin > Acronis Data Cloud** permission set to **Access**.

4 Installation or update of Acronis plugin

1. Download and install/update the Acronis plugin from the ConnectWise Automate **Solution Center**.

For the information about how to use the **Solution Center**, refer to https://docs.connectwise.com/ConnectWise_Automate/ConnectWise_Automate_Documentation/070/270

2. Restart any open ConnectWise Automate Control Center instances.

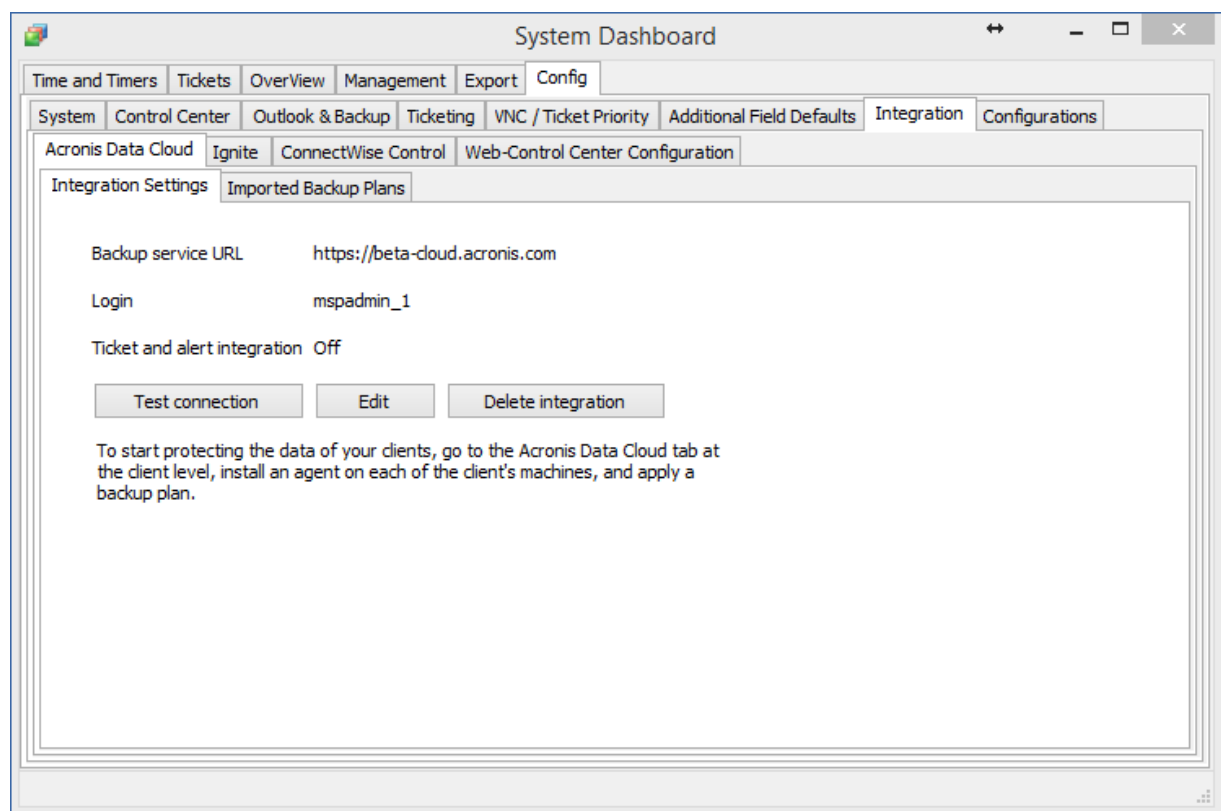
5 Creating customers

Once the plugin is installed, sign in to Acronis Data Cloud and create a customer for each ConnectWise Automate client whose computers you want to back up.

A customer account will be created and its login and password will be used automatically when you click **Go to backup console** in the ConnectWise Automate interface. You need to enter this login and password only if Acronis bootable media is used for recovery.

To sign in to Acronis Data Cloud

1. Select **Dashboard > Config > Integration > Acronis Data Cloud > Integration Settings**.
2. Enter the Acronis Data Cloud URL. This is the link you received in the account activation email message.
3. Enter the user name and password that you set when you activated your account in Acronis Data Cloud.
4. [Optional] Clear the **Ticket and alert integration** check box, if you do not want ConnectWise Automate to create tickets and raise alerts related to backup issues. For the details, see "Monitoring backup status" (p. 14).
5. Click **Save**.



To set up a customer for a client

1. Double-click the client name, and then select the **Acronis Data Cloud** tab.
2. Specify whether to create a new Acronis customer or use a customer that already exists in Acronis Data Cloud.
3. [For a new customer] Enter the required parameters and click **Create**.

- **Partner**—The name of the partner under which the customer will be created. Normally, use the default setting. You have a choice only if there are partners under your partner in Acronis Data Cloud.
- **Customer**—The customer name. By default, this is the client name in ConnectWise Automate.
- **Login**—The user name of the customer account. By default, it is combined from your account user name in ConnectWise Automate and the client name.
- **Email**—The email address to which the notifications will be sent. By default, this is the email address of your account in ConnectWise Automate.
- **Password**—The password of the customer account.
- **Storage**—The cloud storage for the customer. You have a choice only if you registered your own storage or have multiple storages inherited from parent groups. Please be aware that this setting cannot be changed after the customer is created.
- **Language**—The language of the notifications and Acronis Data Cloud web interface.
- **Notification settings**—The level of notifications that will be sent to the above email address. By default, notifications about errors and warnings will be sent.

[For an existing customer] Select the **Partner** (if available), **Customer** or unit, and **Login** parameters, and then enter the password of the existing customer account.

The screenshot shows the 'test (ClientID: 8)' window in the Acronis Data Cloud interface. The 'Create a new Acronis customer' option is selected. The form fields are as follows:

- Partner:** Customer #4 (dropdown)
- Customer:** test
- Login:** SalesDemo_test
- Email:** abctrial01@gmail.com (with a 'Change' button)
- Password:** (empty text field with a toggle icon)
- Storage:** fes-baas.acronis.com (dropdown)
- Language:** English (dropdown)
- Notification settings:**
 - ☐ Backup failed
 - ☐ Backup succeeded with warnings
 - ☐ Backup succeeded
 - ☐ Daily recap about active alerts

At the bottom of the form is a 'Create' button. At the bottom of the window are buttons for 'Print Client Report', 'Refresh', 'Cancel', and 'Save'.

6 Installation of backup agents

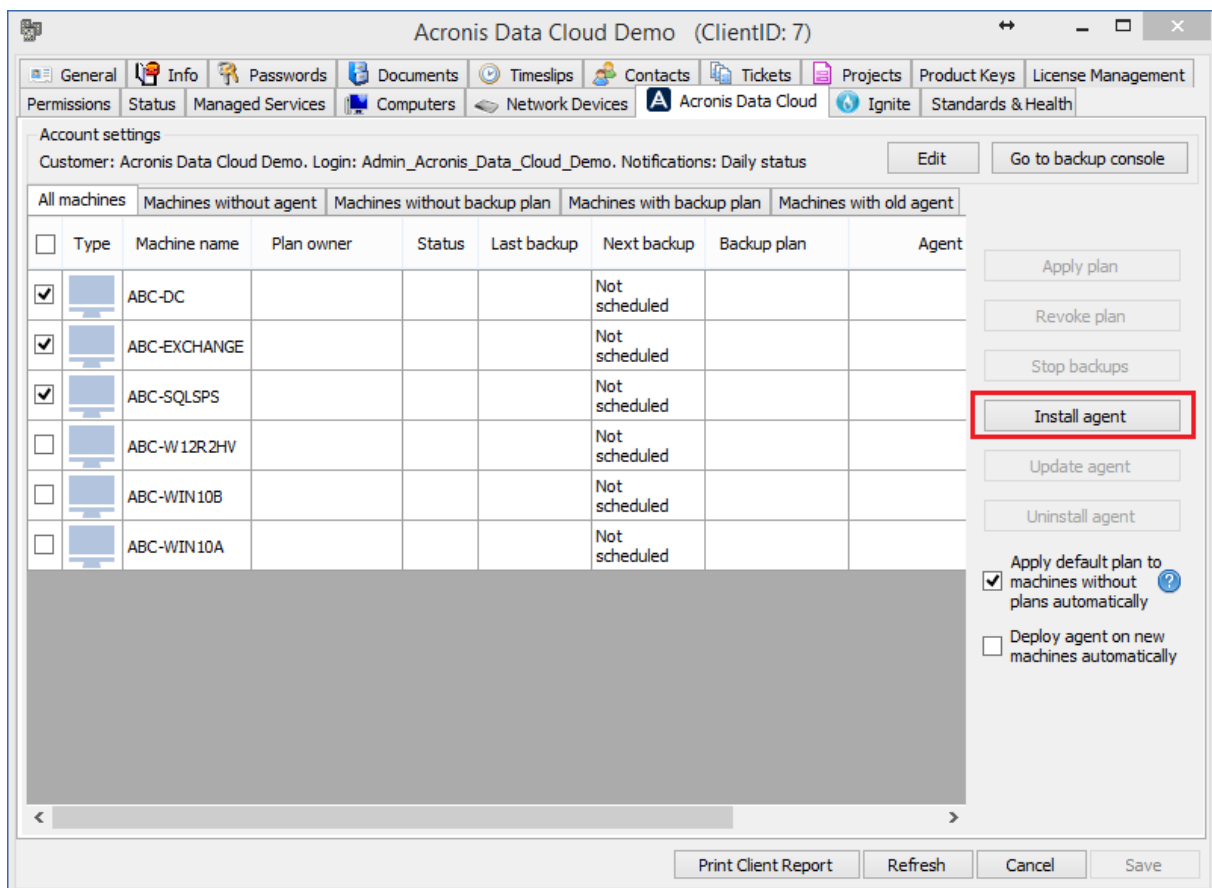
A backup agent must be installed on every computer that you want to back up. There are two installation methods: from the ConnectWise Automate interface and by using the scripts provided with the plugin.

Installation from the ConnectWise Automate interface

This method enables you to install agents on any computers within a client or location.

To install backup agents at a client or location level

1. Double-click the client or location.
2. Click **Acronis Data Cloud**.
3. Select the computers that you want to back up. To identify the computers that do not have backup agents, use the **Machines without agent** tab.
4. [Optional] Select the **Apply default plan to machines without plans automatically** check box. The details of this setting are described in the next section.
5. [Optional] Select the **Deploy agent on new machines automatically** check box. If you do this, a backup agent will be silently installed on any computer that will be added to the client or location at a later time.
6. Click **Install agent**.



To install a backup agent at a computer level

1. Double-click the computer.

2. Click **Acronis Data Cloud**.
3. Click **Install agent**.

Installation by using scripts

In addition to a client or a computer, an installation script can be applied to a group. You can group all computers that you need to back up, even from multiple clients, and install agents on these computers at once. There is a predefined search for this purpose at **Searches > Backup Software > Backup - Acronis Data Cloud (Machines Without Agent)**. This search works for Windows computers only.

Also, this installation method enables you to install the backup monitor. The backup monitor is a small utility for end-user self-service that appears in the tray area and enables users to see the backup progress; start and stop backups; or prevent backups from running. There are two installation scripts for installing agents with or without the backup monitor.

To install backup agents by using an installation script

1. Right-click the group that you want to apply the script to.
2. In the shortcut menu, select **Scripts > Backup and Recovery > Acronis**, and then choose one of the following scripts:
 - Acronis Data Cloud agent Install/Upgrade
 - Acronis Data Cloud agent Install/Upgrade with backup monitor
3. [Optional] Specify the schedule. Usually, you need to perform installation only once. You may want to set up a schedule if new computers will be added to the group at a later time.
4. Click **OK** to confirm the settings.

Updating backup agents

Updating is performed similarly to installation, either from the ConnectWise Automate interface or by using the installation script. To identify the agents that require an update, use the **Machines with old agent** tab at the client or location level.

Uninstalling backup agents

Uninstallation is performed similarly to installation, either from the ConnectWise Automate interface or by using the uninstallation script.

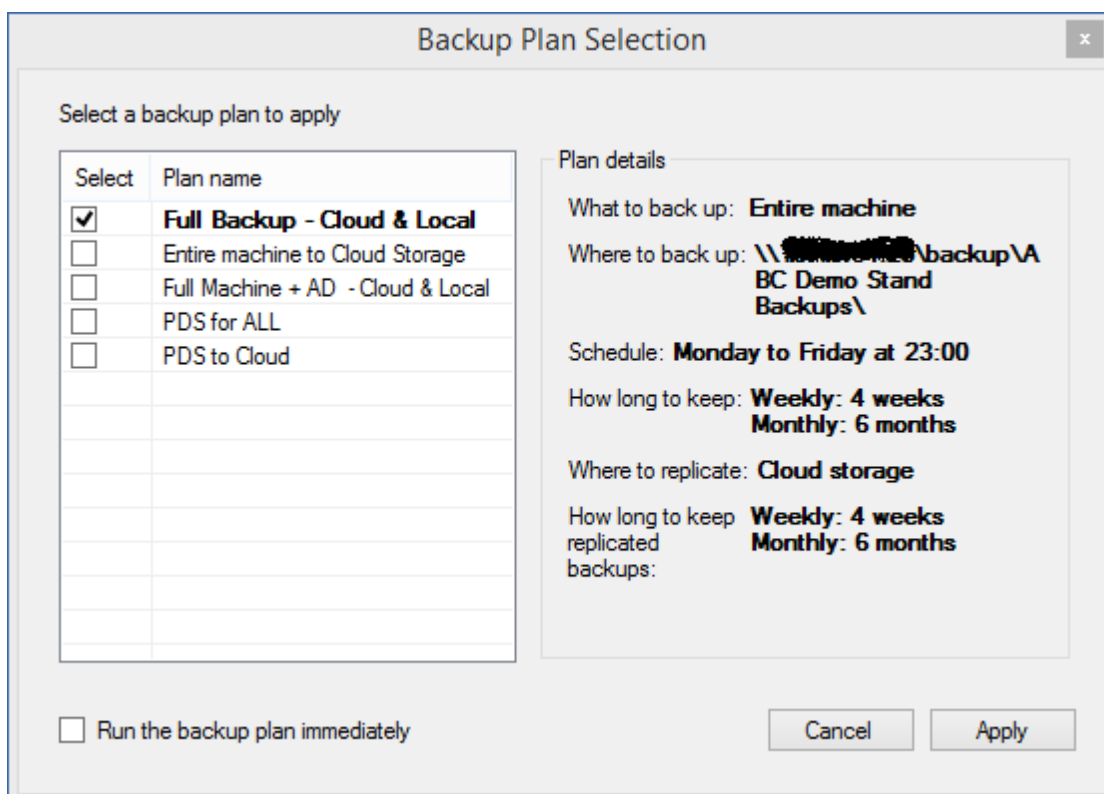
7 Applying backup plans

A backup plan is a set of rules that specify how the given data will be protected on a given computer.

A backup plan can be applied to one or multiple computers.

To apply a backup plan manually

1. Double-click the client or location.
2. Click **Acronis Data Cloud**.
3. Select the computers that you want to back up. To identify the computers that do not have backup plans, use the **Machines without backup plan** tab.
4. Click **Apply plan**.
5. Select the backup plan. If no custom backup plans were created, only the default backup plan is available.
6. [Optional] Select the **Run the backup plan immediately** check box. If you do this, the backups will be started on all of the selected computers immediately.
7. Click **Apply**.



Default backup plan

The default backup plan is **Entire machine to Cloud Storage**. According to this plan, a computer is backed up to the cloud storage daily from Monday to Friday at 11:00 PM.

You can recover any files from this backup, as well as individual volumes or the entire computer.

The retention rules are applied to each backup set separately:

To import a backup plan to ConnectWise Automate

1. Select **Dashboard > Config > Integration > Acronis Data Cloud > Imported Backup Plans**.
2. Click **Import**.

Acronis Data Cloud | Ignite | ConnectWise Control | Web-Control Center Configuration

Integration Settings | Imported Backup Plans

You can import a backup plan from a customer and apply it to another customer, or set this plan as the default one.
Please be aware that after you import a plan, it becomes independent of the original plan. If you modify the original plan, the imported plan will not be modified.

Imported backup plans
Full Backup - Cloud & Local
Entire machine to Cloud Storage
Entire machine to Cloud Storage
Full Machine + AD - Cloud & Local
PDS to Cloud

Plan details

What to back up: **Files/folders**

Where to back up: **Cloud storage**

Schedule: **Monday to Friday at 23:00**

How long to keep: **Weekly: 4 weeks**
Monthly: 6 months

Where to replicate: **E:\PDS**

How long to keep replicated backups: **Keep backups indefinitely**

Delete | Set as default | **Import**

3. Select the customer. The software displays a list of backup plans available for this customer.
4. Select a plan. The software displays its details.
5. If, according to the backup plan, the backups should be encrypted, create the encryption password. Note that the same password will be used for all clients.

Important There is no way to recover encrypted backups if you lose or forget the password.

6. Click **Import**.

The plan appears in the **Imported backup plans** list.

You can click **Set as default** to make an imported plan the default for all clients.

8 Operations with backup plans

To start a backup outside of its schedule

1. Double-click the computer that you want to back up.
2. Click **Acronis Data Cloud**.
3. Select the backup plan that you want to run.
4. Click **Start backups**.

After refreshing the status, you will see the backup progress in the **Status** column.

To stop a running backup

1. Double-click the computer.
2. Click **Acronis Data Cloud**.
3. Select the backup plan that has the **Backing up** status.
4. Click **Stop backups**.

This will stop the currently running backup and remove the incomplete backup file from the storage. The next backup will run as scheduled.

Unlike starting a backup, it is possible to stop a backup on multiple computers at once. Select the computers at a client or location level and click **Stop backups**.

To revoke a backup plan

1. Double-click the computer.
2. Click **Acronis Data Cloud**.
3. Select the backup plan that you want to revoke.
4. Click **Revoke plan**.

The backup created by this plan will be kept. Any other plans applied to this computer will run as scheduled.

To revoke a backup plan from multiple computers

1. Double-click the client or location.
2. Click **Acronis Data Cloud**.
3. Select the computers that you want to revoke the backup plan from.
4. Click **Revoke plan**.
5. Select the backup plan that you want to revoke.
6. Click **Revoke**.

9 Monitoring backup status

Monitoring at a client, location, or computer level

For each computer that has a backup plan, you can see the following parameters:

- The status, which is derived from the last backup result (**OK**, **Error**, **Warning**, **Not protected**)
- The last backup date and time
- The next backup date and time

Monitoring at the system level

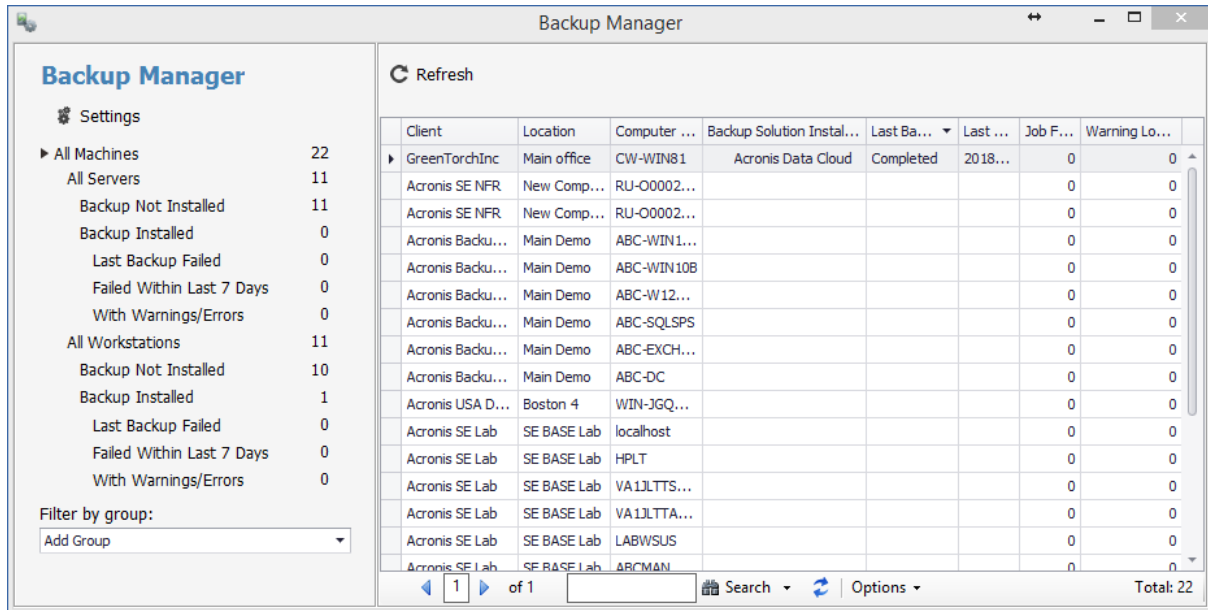
The Acronis plugin installs the monitors that are listed below. These monitors enable ConnectWise Automate to create tickets and raise alerts related to backup issues. To access the monitors in the ConnectWise Automate console, double-click **Monitors** on the top menu, and then select the **Internal Monitors** tab.

- Acronis Backup - Clients - Critical Issues
- Acronis Backup - Clients - Non Critical Issues
- Acronis Backup - Clients - Warnings
- Acronis Backup - Computers - Critical Issues
- Acronis Backup - Computers - Non Critical Issues
- Acronis Backup - Computers - Warnings
- Acronis Backup - Computers - Missed Backups
- Acronis Backup - Computers - Not protected

To disable creating tickets and alerts related to Acronis Data Cloud, clear the **Ticket and alert integration** check box at **Dashboard > Config > Integration > Acronis Data Cloud > Integration Settings**. The monitors will continue working, but the table they check will no longer be updated. You can enable the ticket and alert integration again at any time.

Monitoring in Backup Manager

You can use the native ConnectWise Automate Backup Manager to monitor the backup status.



The screenshot shows the Backup Manager application window. On the left is a sidebar with a tree view under 'Backup Manager' containing 'Settings', 'All Machines' (22), 'All Servers' (11), and 'All Workstations' (11). Each category has sub-items for backup status. The main area displays a table of machines with columns: Client, Location, Computer Name, Backup Solution Installed, Last Backup, Last Failure, Job Failure Count, and Warning Location. The table lists various machines, including GreenTorchInc, Acronis SE NFR, Acronis Backup, Acronis SE Lab, and Acronis USA D... The bottom of the window shows a search bar, options menu, and a total count of 22.

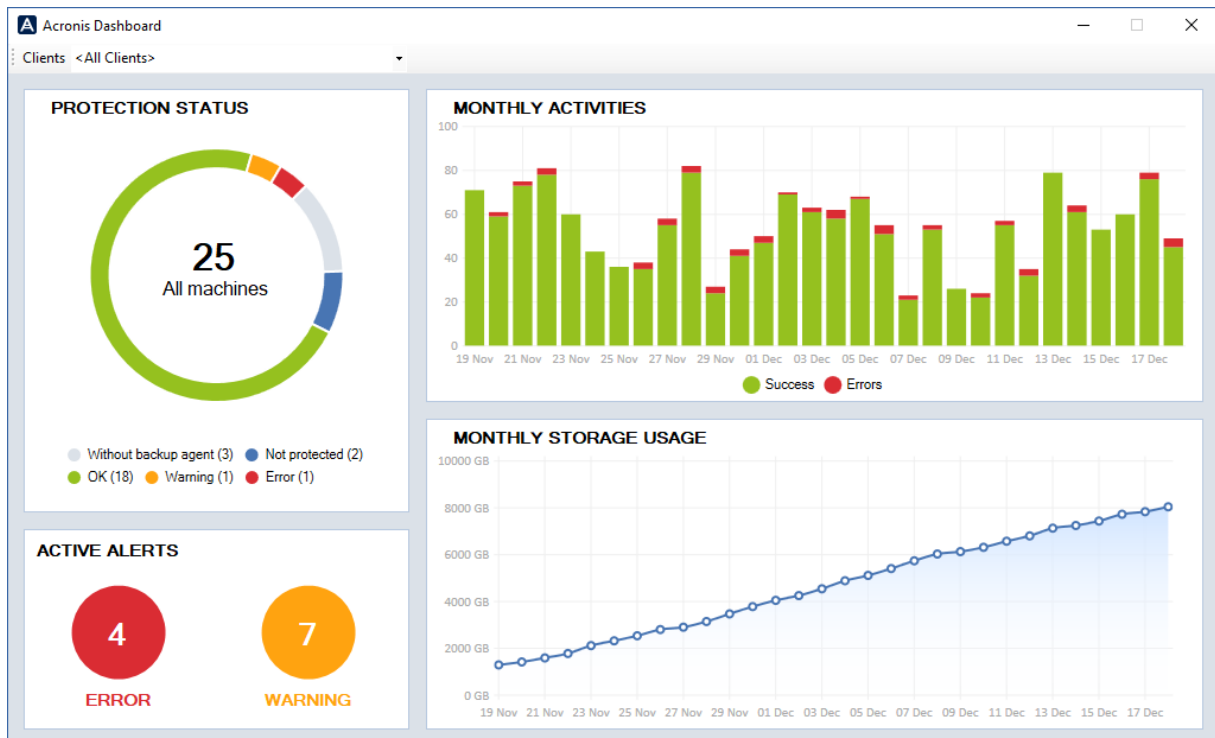
Client	Location	Computer ...	Backup Solution Instal...	Last Ba...	Last ...	Job F...	Warning Lo...
GreenTorchInc	Main office	CW-WIN81	Acronis Data Cloud	Completed	2018...	0	0
Acronis SE NFR	New Comp...	RU-O0002...				0	0
Acronis SE NFR	New Comp...	RU-O0002...				0	0
Acronis Backu...	Main Demo	ABC-WIN1...				0	0
Acronis Backu...	Main Demo	ABC-WIN108				0	0
Acronis Backu...	Main Demo	ABC-W12...				0	0
Acronis Backu...	Main Demo	ABC-SQLSPS				0	0
Acronis Backu...	Main Demo	ABC-EXCH...				0	0
Acronis Backu...	Main Demo	ABC-DC				0	0
Acronis USA D...	Boston 4	WIN-JGQ...				0	0
Acronis SE Lab	SE BASE Lab	localhost				0	0
Acronis SE Lab	SE BASE Lab	HPLT				0	0
Acronis SE Lab	SE BASE Lab	VA1JLTTS...				0	0
Acronis SE Lab	SE BASE Lab	VA1JLTTA...				0	0
Acronis SE Lab	SE BASE Lab	LABWSUS				0	0
Acronis SE Lab	SE BASE Lab	ARCMAN				0	0

Monitoring with Acronis Dashboard

The Acronis plugin installs the dashboard that provides the following information:

- **Protection status** - shows the numbers of machines with the **OK**, **Error**, and **Warning** backup statuses; the number of machines without a backup plan; and the number of machines without a backup agent.
- **Active alerts** - shows the numbers of Acronis Data Cloud alerts with the severity of **Error** or **Warning**.
- **Monthly activities** - shows the monthly statistics about successful and failed backups.
- **Monthly storage usage** - shows the monthly usage of the cloud storage.

To access the dashboard, click **Acronis Dashboard** on the toolbar or select **View > Acronis Dashboard** from the main menu.



Monitoring with Acronis Dataviews

The Acronis plugin installs the dataviews that sort the Acronis Data Cloud statistics by the following criteria:

- **Active Alerts With Error Severity**
- **Active Alerts With Warning Severity**
- **Machines Without Agent**
- **Machines With Old Agent**
- **Machines With Backup Plan**
- **Machines Without Backup Plan**
- **Machines With Status Error**
- **Machines With Status Warning**
- **Machines With Status OK**

To access a dataview, click the corresponding item on the **Acronis Dashboard** or at **Operations > Dataviews > Acronis Data Cloud**.

10 Reporting

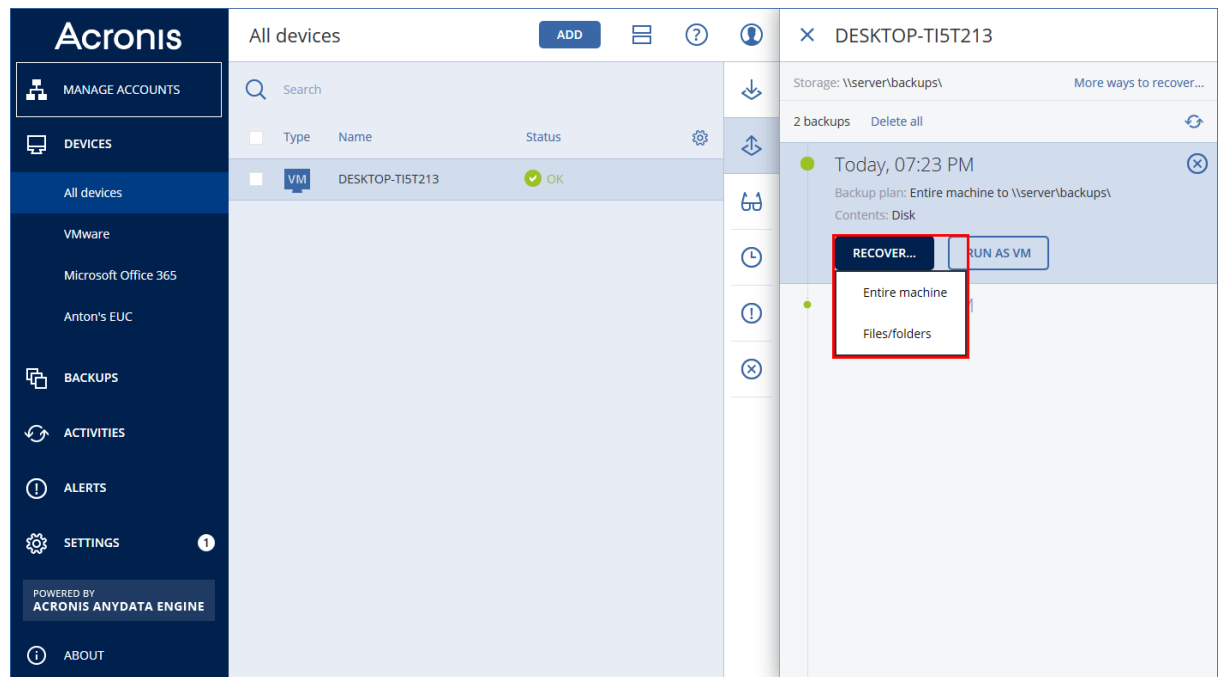
Information about backups performed by Acronis Data Cloud is present in the following ConnectWise Automate reports:

- **Backup Health**
- **Backup History**

11 Recovery

To recover data to a computer

1. Double-click the computer.
2. Click **Acronis Data Cloud**.
3. Click **Recover**. This will take you to the Acronis Data Cloud interface and the recovery points for this computer will be displayed.



4. Follow the instructions described in Acronis Data Cloud Help.
 - File recovery:
https://www.acronis.com/support/documentation/Acronis_Backup_Cloud/index.html#32957.html
 - Machine recovery:
https://www.acronis.com/support/documentation/Acronis_Backup_Cloud/index.html#33746.html

For full information about the recovery capabilities, refer to
https://www.acronis.com/support/documentation/Acronis_Backup_Cloud/index.html#33517.html