

CloudBerry Backup for Windows 6.0

Release Notes

March 5, 2019

These release notes provide information about the latest release of CloudBerry Backup for Windows (6.0).

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About CloudBerry Backup 6.0

CloudBerry Backup 6.0 is a major release, featuring new functionality and enhanced performance. See **New and Updated features** to get a closer look at the novelties. CloudBerry Backup is a cross-platform, cost-effective, flexible, and versatile backup and recovery solution that enables businesses and ordinary users to perform automatic backups to various cloud storage services. Advanced features like encryption, compression, and synthetic backups facilitate more efficient, swift, and secure file transfer between your local computer and the cloud. Ultimately, the result is an unmatched conflation of reliable backup, automatic scheduling, and highly customizable backup configuration.



Key benefits

- Cloud backup to Amazon S3, Glacier, Microsoft Azure, Google Cloud, OpenStack, Rackspace, and various other cloud storage services.
- Local backup to hard drives and NAS-like storage solutions.
- Cloud to cloud backup.
- Image-based backup.
- Encryption and compression for more secure and swift backups.
- Flexible backup & restore plans.
- Restoration of image-based backups as instances of Amazon EC2 and Microsoft Azure VM.
- Easy setup of backup plans with the ability to configure schedule, email notifications, retention policy, and email notifications.
- Initial backup with the help of AWS Snowball.
- Synthetic and block-level backup for expedited upload.



New and Updated Features

New and updated features in CloudBerry Backup 6.0.

Resuming Image-Based Backup

Prior to release 6.0, CloudBerry Backup would completely re-upload the entire image if an image-based backup failed due to user intervention or internet connection outage. This proved to be extremely inefficient, especially when the estimated upload time was close to several days. Imagine that you're backing up a 4-terabyte SSD, and midway through the execution your internet connection falls off. Those two terabytes that are already in the cloud are not reusable and will have to be re-uploaded again during the next execution. In release 6.0, however, we've implemented upload resumption for image-based backups, letting you upload only the remaining data in case the plan was prematurely terminated.

Storage-Specific Retention Policy in Hybrid Backup

In previous versions of CloudBerry Backup, if you configured a hybrid backup plan, the retention policy of this plan applied to both the local and the cloud storage. In other words, you couldn't configure individual retention policies for each storage. That's no longer the case, as CloudBerry Backup 6.0 enables you to configure an individual retention policy for each storage.

Support for S3 Intelligent-Tiering

Amazon has recently announced its latest S3 storage class — **S3 Intelligent-Tiering**. It's primarily aimed at customers who want to automatically optimize storage costs when data access patterns change. For example, if you store some data under **Intelligent-Tiering** and you don't access that data within 30 days, Amazon will automatically move it from the default frequent access tier to the infrequent access tier. This approach is convenient if at the time of backup you don't know if the data will be frequently accessed. CloudBerry Backup 6.0 brings support for S3 Intelligent-Tiering and you can enable it in the Backup Wizard.



Direct Upload to Glacier

Another S3-related improvement is the ability to back up data directly to the Glacier storage class instead of the previous approach where data would first be uploaded to S3 and then moved to Glacier. To back up data directly to Glacier, select the **Glacier** storage class on the **Compression and Encryption** step of the **Backup Wizard**.

Expedited Image-Based Backup

Another key feature of CloudBerry Backup 6.0 is the significantly reduced restore time of image-based backups. We all know that restore time is critical when it comes to disaster recovery, and the faster you can recuperate your malfunctioning hardware, the better. With this in mind, we've implemented a few tweaks in CloudBerry Backup 6.0 to give a significant boost to the image-based restores.

Purchasing Maintenance Inside the App

CloudBerry Backup 6.0 frees you from the inconvenience of manually visiting our website to purchase maintenance. Instead, you can do it right within the app and thereby ensure that you get all the future updates as well as priority support. To learn more about maintenance and how you can purchase it within the app, feel free to check out our dedicated [blog post](#).



Resolved Issues

In CloudBerry Backup 6.0

The following table illustrates issues addressed in release 6.0.

Resolved Issue	Issue ID
Incorrect restore limit calculation in Hyper-V image-based backup	6675
No notification when the backup service stops	4600
Inability to perform item-level restore	5710
Inability to start the backup service when switching the edition to desktop	6022
The app tries to create an Azure Disk of size lower than 50 GBs.	6472
The app would list incorrect subscriptions for the corresponding Azure tenant	6582
Repetitive OpenStack 412 error code	6617
Inability to import B2 accounts from CloudBerry Explorer	6893
The app wouldn't display the container name of the existing Auro accounts	6858
Ability to change buckets when modifying the account's credentials	6861
Selected virtual disks are reset when going back and forth inside the Backup Wizard (VMWare)	6888



Known Issues

The following table displays known issues that are to be addressed in future releases of CloudBerry Backup.

Issue	Issue ID
Delayed first scheduled execution	5679
Discrepancy between the reported and the actual backup size	5681
Excessive number of requests to OneDrive and OneDrive Business	5680
Failure to select Exchange 2016 databases	4303
Identical prefixes for multiple servers	5650
Enable backup of files with unsupported characters in filenames to Azure	3274



System Requirements

Before installing CloudBerry Backup 6.0, ensure that your computer meets the following minimum software and hardware requirements.

Hardware requirements:

- 1.4 GHz 64-bit processor;
- 512 MB RAM;
- 100 MB of free disk space;
- Internet connection.

Software requirements:

- Windows 7/8/10 or Windows Server 2003/2008/2012/2016.



Getting Started

Installation Instructions

1. Get the universal installer on our [website](#).
2. Double-click on the **.exe** file to launch the Windows installer. If some required software frameworks are missing, the installer will prompt you to fix it.
3. On the first launch, select the requisite licensing option.
4. After launching the program, you can begin configuring backup & restore plans. Read our comprehensive [installation guide](#) that exhaustively explains all the pitfalls of setting up CloudBerry Backup.

Additional Resources

You can get the latest information on our products, various tutorials, and other similar information on our blog at <http://www.cloudberrylab.com/blog>.

Also, check out our knowledge base that features various workarounds for frequently experienced issues as well as some tips on how to enhance your interaction with our flagship backup solution at <kb.cloudberrylab.com>.



About CloudBerry Lab

Established in 2011 by a group of experienced IT professionals, CloudBerry Lab™ provides cloud-based backup and file management services to small and mid-sized businesses (SMBs).

CloudBerry's offerings include powerful, easy-to-use backup management capabilities and military-grade encryption using customer-controlled keys. Customers can choose to store their backup data with more than 20 online storage providers, including Amazon S3, Microsoft Azure & OneDrive, Google Cloud, HP Cloud, Rackspace, IBM Softlayer, and many others. CloudBerry also partners with thousands of VARs and MSPs to provide them with turnkey, white-label data protection services. CloudBerry Lab is an Amazon Web Services Advanced Technology Partner.

Contact CloudBerry Lab

Sales: sales@cloudberrylab.com

Pre-sales hotline: +1 212 863 9918

Tech Support: support@cloudberrylab.com

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