CloudBerry Backup for Windows 5.9

Release Notes

June 18, 2018

These release notes provide information about the latest release of CloudBerry Backup for Windows (5.9).

Contents:

About CloudBerry Backup 5.9

CloudBerry Backup 5.9 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 5.9.

Local Deletes Tracking

CloudBerry Backup 5.9 includes a new option to save deleted file information in the cloud. Simply check the *Track local file deletes in backup storage* option in the *Advanced Options* step in the *Backup Wizard*. From then on, CloudBerry Backup notes these deleted files in the cloud, making it easy to avoid restoring deleted files, regardless of where the restore is running. Simply uncheck the **Restore Deleted Files** option in the *Restore Wizard*, and the previously deleted files will not be restored.

Backup Storage Visualization

One of the new features in *CloudBerry Backup* 5.9 is *Backup Storage Visualization*. This feature allows you to analyze the contents of your backup storage with helpful charts, with each chart displaying its folder's portion of the parent folder. This enables you to quickly identify the folders that consume the most space in backup storage. This makes it much easier to analyze how each folder affects your backup storage and cloud expenditure.

File-Level Backup for VMware

Previous versions of *CloudBerry Backup* could only back up entire virtual machines without letting users exclude specific disks or files. This limitation turned out to be inconvenient for many of our customers, as some disks were quite large in volume and did not necessitate backup. In response to numerous requests, we have implemented support for file- and disk-level backup in release 5.9, meaning that from now on you can indicate specific disks and files you want to back up in the *Backup Wizard*. Selecting the disks and files you'd like to back up occurs on a dedicated step in the Backup Wizard after selecting a virtual machine.

Support for One Zone-IA

Amazon has recently announced the latest addition to their S3 storage class line-up — S3 One Zone-Infrequent Access (Z—IA). Unlike other S3 storage classes, which store data in at least three availability zones, Z—IA stores data in a single availability zone. In other words, there is no data deduplication within the same region, and your data is not resilient in the event of data center destruction. However, reduced durability is balanced out by lower pricing; Z-IA is priced at $0.01 per GB-month, a 20% discount compared to regular Standard-IA ($0.0125 per GB-month). CloudBerry Backup has consequently been updated with complete support for Z-IA.

Archive Mode for Google Cloud, Azure, and B2

Another major improvement in CloudBerry Backup 5.9 is the support for Archive mode for Google Cloud, Microsoft Azure, and BackBlaze B2. If you don't recall, Archive mode instructs the app to merge your files into a single archive which is then uploaded to the backup storage. This approach reduces the number of requests sent to the storage and also helps reduce storage costs.

Resolved Issues

In CloudBerry Backup 5.9

The following table illustrates issues addressed in release 5.9.

Resolved Issue	Issue ID
Hybrid Backup Failure due to "AddRootItem not found"	4407
Malfunctioning Amazon Cloud Drive compression	3781
Malfunctioning imaged-based backup restore from Backup Storage tab on right-click	4905
Restore of zero files is treated as success instead of giving a warning	4399
Support for Lifecycle policies for One Zone-IA	5259
Occasional use of HTTP instead of HTTPS	5548
Malfunctioning Image-based restore to VMware	4127
The app wouldn't quit during upgrade	2952
Failure to restore folders from Image-Based backups	4958
Configuration files are not displayed in Backup Storage	5067
Occasional failure to sync S3 accounts	4922
Excessive CPU usage	3855

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

System Requirements

Before installing CloudBerry Backup 5.9, 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.

CloudBerry Lab
#1 Cross Platform Cloud Backup

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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.

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