

CloudBerry Backup is a backup software for Microsoft® Windows Server® that is designed to automate data backup to Hitachi Content Platform (HCP).

With CloudBerry Backup, you can:

- Back up files or a full image of your system.
- Back up directly to your own account on HCP.
- Provide data encryption and compression.

Automate Backup to Hitachi Content Platform With CloudBerry Backup Solutions

Back Up to Object Cloud Storage

The evolution of cloud technology saw cloud storage as a great tool to offload on-premises storage economics into the cloud. Thanks to ever-increasing Internet bandwidth and declining storage prices, keeping backups in the cloud has become a viable alternative to traditional on-site data storage for small and medium-sized businesses (SMBs). Many companies often overlook key considerations when it comes to online backup:

- **Reliable storage.** When moving backup data off-site, ensure the cloud storage service is reliable and cost-effective, yet high-performing.
- **Data security.** Security is a top concern when business data is taken to the cloud. Avoid compromising private company data due to lack of essential solution features.
- **Restore capabilities.** Always keep backup data stored at a remote facility in a recoverable state, accessible at any time, and allow point-in-time object-level restore.

CloudBerry Backup is a reliable, powerful and affordable cloud backup solution that is fully compatible with Hitachi's object storage platform, HCP. In addition to offering real-time and/or scheduled regular backups, it allows you to:

- **Store backups in an HCP user-owned account.** CloudBerry Backup doesn't process your data on third-party servers: All data transfers occur between the source instance and your HCP storage account.
- **Encrypt data via 256-bit AES encryption with a user-controlled password.** CloudBerry Backup comes with 256-bit AES encryption with user-controlled password and compression features to reduce bandwidth load and storage consumption.
- **Check file or full-image backup consistency to ensure data is in a recoverable state.** CloudBerry Backup allows you to back up on file level and make a full disk image for bare metal recovery. You can even recover to a different hardware and do file level restore from an image.

CloudBerry Backup for Hitachi Content Platform

As mentioned above, CloudBerry doesn't process customer's data on third-party servers: all data transfers occur between the source instance and user-controlled storage account. CloudBerry Backup comes with:

- **Image-based backup.** Block-level volume snapshots are taken and sent directly to the cloud, allowing dissimilar hardware or virtual machines restores.
- **256-bit AES encryption.** Encrypt backups with up to 256-bit strong keys on source side. All data sent to the cloud is also encrypted using the SSL protocols to protect it while it is in transit.
- **Compression.** Reduce data overhead, decrease storage costs, aid bandwidth and accelerate backup completion with optional compression.
- **Cloud and local backup.** Back up to cloud storage of your choice or set up local backup if you want to send only a subset of your data to the cloud and keep the rest on your local backup storage.
- **Block-level backup.** Back up only modified or new portions of files to add them to an existing online data pool.

■ Scheduling and real-time backup.

Set up hourly, daily, weekly or monthly backups, or specify your own schedule. Real-time backup allows you to back up files and folders on Windows Server on change or creation.

■ **C# API and command line interface.** Get backup plan statistics programmatically and use the command line interface to integrate backup with your own routines.

■ **Network locations backup.** Back up your network locations, including network shares, NAS devices, mapped drives and so forth.

■ **Cloud-to-cloud backup.** Back up data from one cloud storage location to another. Use multiple cloud storage destinations to keep your cloud data backups.

■ **Cloud-to-local backup.** Automate backup of the cloud data to local storage, external or network drive.

■ **Email notifications.** Set up the customizable email notification feature to track each run of your backup and restore plans remotely.

■ **Purge.** Set up purge options to enable automated deletion of outdated data from your storage. Keep only actual versions of your backups.

Supported operating systems include:

- Microsoft Windows Server 2008 and 2012, and Microsoft Windows® 7, 8 and 10.
- Apple Mac OS (x64) 10.8 and later.
- Linux (x64), including Ubuntu 12 and 14, Red Hat 6.x and 7.x, Suse 11 and 12, CentOS 6 and 7, and Fedora 12 and 21.

CloudBerry Backup Deployment on Hitachi Content Platform

The deployment process is extremely easy: The Hitachi Content Platform administrator creates a user in the HCP control panel and provides the end user with credentials. The end user needs to install the desktop or server application on the backup source machine, launch it and add a new Hitachi Content Platform account using the branded connector. The credentials to access the HCP account are the user name and password. Once the storage account is added, it is possible to create the first backup plan.



CLOUDBERRY LAB

Established in 2008 by a group of experienced IT professionals, CloudBerry Lab provides cloud-based backup and file management services to SMBs. CloudBerry's offerings include powerful, easy-to-use backup management capabilities and military-grade encryption using customer-controlled keys. CloudBerry partners with thousands of value-added resellers (VARs) and managed service providers (MSPs) to provide them with turnkey, white-label data protection services.

The integrated CloudBerry Lab and Hitachi Data Systems solution has been certified and tested, and the technologies have been optimized to work together. As a result, you get the highest level of integrated customer support.

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