



Rio-2 Cloud Backup Server

The fastest and easiest way to send backup data into the cloud

Key Benefits

- SMB and NFS interfaces for Backup Repositories
- iSCSI VTL support with virtual tape compression
- High Speed Cloud Acceleration reducing Backup Windows
- Migrate tapes to cloud Storage removing the dependency on old tape hardware
- Enhanced Veeam Support
- Native File Support. Files and objects in the Cloud Storage are not mangled
- Amazon S3 and Glacier Support. Object Storage Support.
- Full Active Directory Integration
- Protected Cloud™ Security with enhanced AES-256 bit encryption
- Multiple Site Support
- Set it and Forget it simple GUI allowing less than 30-minute install
- Use your own hardware. Any server with a single XEON, 1 Ethernet port, 16GB of RAM and 1TB or more of disk for cache

The BridgeSTOR Rio-2 Cloud Backup Server has been designed for companies that require simple and easy transfer of backup data into Cloud Storage. The Rio-2 Cloud Backup Server combines industry standard protocols SMB, NFS with a VTL allowing corporate Backup Administrators to easily insert Cloud Storage into their backup practice. When combined with the Coronado Global View Manager all companies may now view and manage tapes from multiple locations around the world.

Challenge

Cloud Storage has proven to be resilient and highly available. Current Backup Software has embraced Cloud Storage as another approach of locking customers into their software maintenance programs. Backup Software also tend to be slow due to high latency between on premise locations and Cloud Storage locations. Cloud Storage also does not utilize a Global Namespace so sharing backup images between multiple sites becomes extremely difficult. Finally migrating existing tapes to the cloud and maintaining old hardware becomes a financial burden to corporations worldwide.

Compute locations in the cloud have been helpful to many IT professionals but these virtual servers still need to backup. Currently, limited amounts of inexpensive storage is available in these environments requiring a more cost effective solution.

Solution

The BridgeSTOR Rio-2 Cloud Backup Server exports SMB, NFS and a working VTL and seamlessly integrates with Microsoft Active Directory for User Authentication. The Rio-2 Cloud Backup Server is built on Centos 7 and is a fully functional server easily managed by IT professionals. The Rio-2 Cloud Storage Server allows Backup Software to run servers and agents inside the Server allowing for the fastest access to the cloud. Internal Acceleration allows backup data to be sent to Cloud Storage in the background shrinking your backup window.

