Security

Cloud Backup Pro

In most cases, a company's data is its most valuable asset. A backup system is essential to ensure the security of this information against any threat (human error, natural disaster, hardware failure, computer virus, ransomware, etc.).

Our Cloud Backup Pro (CBP) is based on software from the leading virtual environment backup vendor, Veeam.

This solution offers the following storage options: Standard Copy, Offsite, and Immutable. Additional storage add-ons are provided in 1 TB increments.

Designed for our Cloud DataCenter and seamlessly integrated with our web-based control panel, it allows you to manage backups for your Cloud Servers hosted on Gigas.

We deploy a Veeam management console - VBR (Veeam Backup & Recovery) - within our Cloud, already configured with the contracted VLANs and repositories, so you can perform your backups in two formats.

Backup Pro self-managed by the client

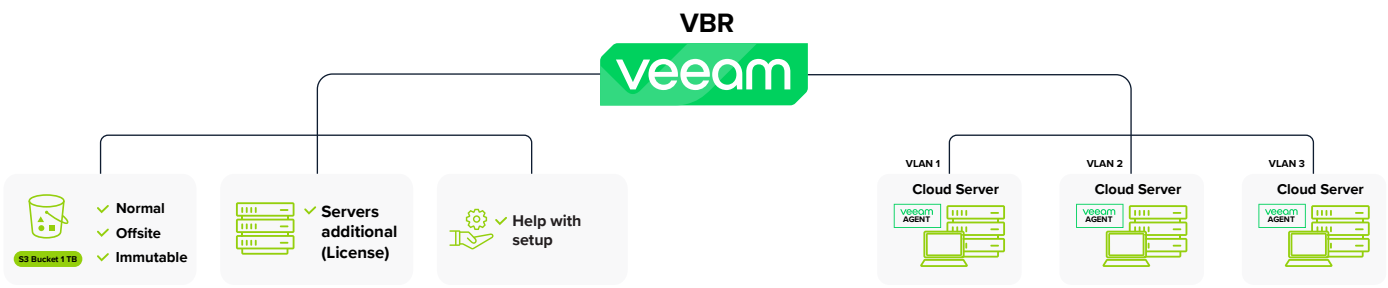
For customers who want to directly manage the solution, handling configuration, monitoring, and restoration.

- VBR console for the client.
- Windows license included.
- Access to the control panel.
- Repositories configured in Veeam Console.
- VLANs of Cloud Servers accessed via the Veeam Console.
- Customized backup and recovery jobs tailored to the client.

Backup Pro Managed by Gigas

Our technical teams do the work for you, implementing the agreed-upon configurations, monitoring software alerts, and performing any necessary restorations.

- Veeam Console management by our teams.
- Windows license included.
- Repositories configured in Veeam Console.
- VLANs of Cloud Servers accessed via the Veeam Console.
- Backup and Recovery jobs configured by Gigas at the client's request.
- Monitoring.
- Restorations at the client's request.



Main advantages

Ease of use
The Gigas support team installs the Veeam VBR console, preconfigured with the repositories needed to manage backups. They install the Veeam agent on the Cloud Servers (Windows or Linux) and configure backup jobs. If you'd like our service managed, our support team will do the work.

High-performance incremental backups
The first time the data protection policy runs, an initial replica of the data is created. After this replication, the server backup saves deltas at the block level (rather than the file level), resulting in shorter backup windows and reduced disk input/output (I/O).

Programmable backups
The customer can define their own backup policy, setting a data replication target (for example, every 12 hours), and even defining how many recovery points they want to retain. Old recovery points are automatically merged, and their storage is recycled. If you need more space for your repository, you can do so.

Bare-Metal Recovery
This is a complete computer restore. It's a faster alternative to file-by-file recovery in the event of a disaster. By bypassing the file system and writing blocks directly to disk, it's possible to perform faster restores of large file systems.

Management console
The console allows you to view all server backups at a glance, including policies, disk usage, backup area status, and much more. Users manage backup and restore tasks from the console. It offers the possibility of scheduling backup notifications by email.

Scalability and pay-per-use
This solution allows you to expand and purchase the number of licenses based on the number of servers you want to back up. You can also purchase additional storage space.

Offsite copy option
In specific cases, such as for security reasons, some companies need to make an additional copy located at another distant geographical location.

Immutable copies option
Due to constant cyberattacks from ransomware, malware, viruses, and others, businesses are acutely aware of the need to have an unalterable backup of their data.

Cross-platform system
Supports various environments:

- Windows / Linux.
- Applications such as: Microsoft SQL Server, Exchange and MySQL.
- Debian, Ubuntu, RHEL, CentOS, Oracle Linux, SLES, Fedo-raopenSUSE, Rocky Linux, AlmaLinux, etc

Technical requirements

Agent for Linux

Physical Memory: Minimum 1 GB RAM
Disk space: 100 MB of free disk space for product installation

Linux distributions:

- Debian
- Ubuntu
- RHEL
- CentOS
- Oracle Linux
- SLES
- FedoraopenSUSE
- Rocky Linux
- AlmaLinux

Agent for Windows

Physical Memory: Minimum 2 GB RAM
Disk space: 200 MB of free disk space for product installation.

Windows distributions (32-64 bit):

- Microsoft Windows 7.SP1
- Microsoft Windows 8.1
- Microsoft Windows 10
- Microsoft Windows 11
- Microsoft Windows Server 2008 R2 SP1
- Microsoft Windows Server 2012, 2016, 2019, 2022, 2025

Key points

The best technology tested on more than 450,000 customers

- Veeam with its innovative VBR (Veeam Backup & Replication) solution.
- Storage technology based on Storage Objects – (S3 compatible).

Web Technology

- Centralized web interface.
- Easy management of backup policies.
- Monitoring and alerts of the backup process.

AI integrated into the threat detection engine

- The latest AI-powered threat analysis technologies to ensure the security and integrity of your backups.

Quick Setup

- The customer chooses the physical location of their backup console and the number of Advanced Backup Plus licenses they need.

Scalable

- Add additional servers and storage and grow with your needs.

Quick Restoration

- “Bare-Metal” Restoration.
- One-click file restoration.
- Restore even with the backup running.
- Granular restoration of databases.

Cost efficiency

- There are no inbound and outbound traffic costs.

Transfer speed: Up to 500 Mbps

- Estimated maximum speed of up to 500 Mbps in Madrid, Lisbon and Miami, and up to 100 Mbps in Chile and Colombia. Actual service speed is subject to variations due to technological, geographical or network factors beyond the operator’s control.

Support and compatibility

- For Microsoft Windows supports backup and restore scenarios of data to/from volumes encrypted with
- Microsoft Windows BitLocker.
- Data compression and deduplication mechanisms.
- Data compression and deduplication reduce network traffic and the disk space required to store backup files.
- Application-aware processing to create transactionally consistent backups of servers running VSS-aware applications such as Microsoft SQL Server, Microsoft SharePoint, Microsoft Exchange, or Oracle.

Security

- For network traffic encryption, Veeam Backup &
- Replication uses the 256-bit Advanced Encryption Standard (AES).
- Veeam Backup & Replication uses the AES256 algorithm to encrypt all data written to backup repositories (block, tape, cloud repository, or object storage).
- Keep your data secure, recoverable, and compliant with GDPR, ISO 27001, HIPAA, PHI, and CCPA regulations.
- Proactive threat mitigation and early threat detection.

Medium

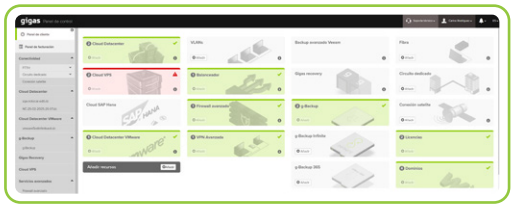
- 24 x 7 Local in Spanish, Portuguese and English.

Dedicated console

- Private for exclusive use of dedicated resources.
- A fully customized configuration connected to your VLANs.
- Private environment connected only to your VLANs.
- Computing resources for your exclusive use.
- Fully customized configuration.

Operation

Gigas Control Panel



License control

Controls the number of licenses purchased, the type and size of the repositories and the respective location of you management console.

Performance monitoring

View management console components through monitoring the performance of your system.

Control de IPs

Controls the IP addresses of public interfaces and private, as well as VLANs.

Management console

Veeam agents

Install Veeam agents on the Cloud Servers hosted on Gigas you want to managed

Backup jobs

Configure your backup jobs in the contracted, standard, offsite and immutable repository