



If you want a backup, then do it properly:

Cloutomate Managed Backup Service

Data loss happens. Not only through attacks or ransomware, but also through incorrect operation, software errors or accidental deletion. If you don't have a clean, reliable and, above all, accessible backup solution, you face a real problem. Because a local NAS or a one-off backup in the cloud is not enough.

Cloutomate Managed Backup offers a fully managed, open and traceable backup system. Without vendor lock-in, without hidden mechanisms, but with everything you need to back up your data permanently.

Our approach: offsite, secure, automated

- ✓ Dedicated storage account with our partner Wasabi (S3-compatible)
- ✓ Full control and admin rights after initial setup
- ✓ No data access by us without your explicit consent
- ✓ Two-layer encryption at file and storage level
- ✓ Monitoring with Grafana incl. dashboard & alerting
- ✓ No lock-in. The data belongs to you, exportable at any time

Key technical data: How secure backup works with Cloutomate



Storage: Wasabi S3 Storage

S3-compatible cloud storage with choice of location (e.g. in Frankfurt)
99.999999999 % object stability and compliance mode



Backup-Tool: restic

Platform-independent open source tool for encrypted, efficient and automatable backups. Supports Windows, Linux and macOS.



Encryption: 2-layer encryption

Secure encryption with AES256 at rest and block-level AES256 content encryption



Redundancy:

Multiple data replication to protect against hardware failures, attacks or accidental deletion.



Monitoring: Prometheus and Grafana

Including interactive dashboards, error notifications and optional alert forwarding to your IT team.



Deduplication:

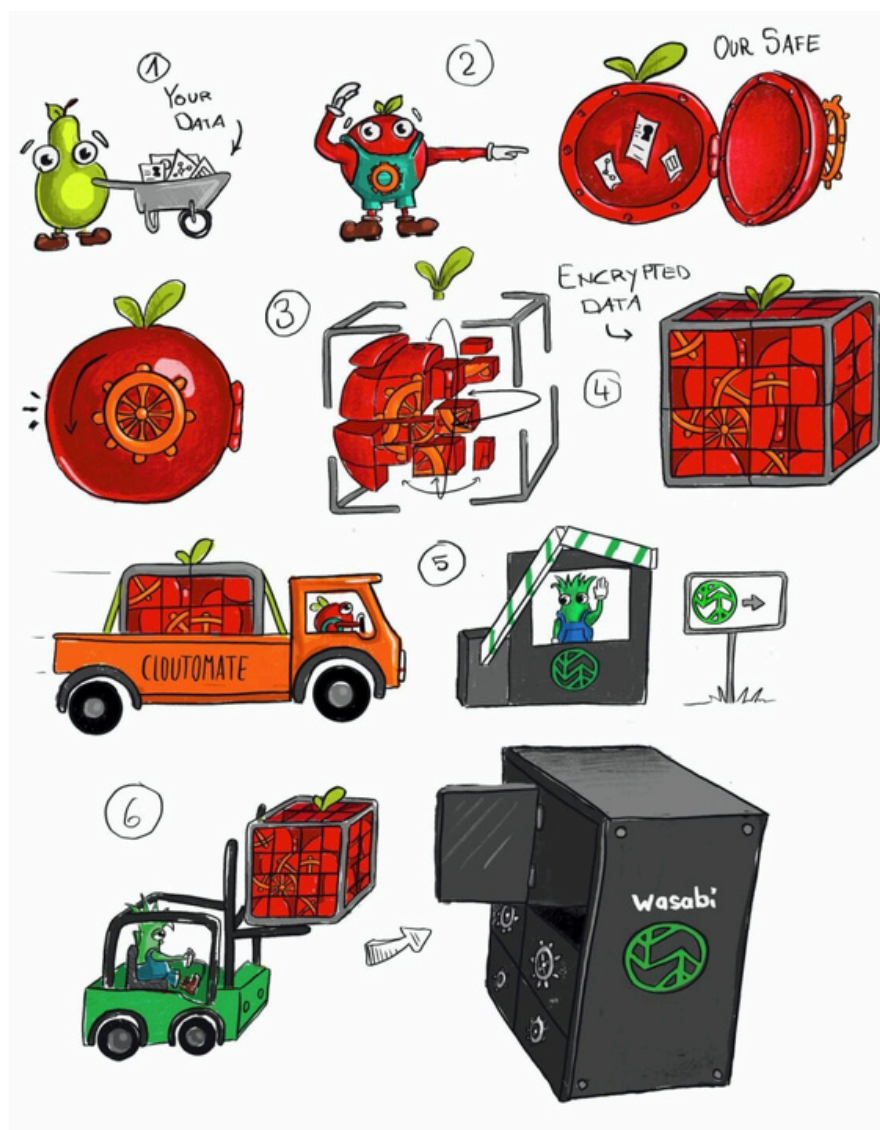
Block-based deduplication reduces storage requirements and ensures fast, efficient backups.



Integrity check:

Weekly automatic check for consistency and completeness of all backup data.

This is how it works



1. Setup & backup

- We configure the backup client on your systems (Windows/Linux)
- The initial backup is coordinated and planned together with your IT team
- Bandwidth control and time windows enable a smooth process

2. Monitoring & operation

- Monitoring via Grafana, either on our infrastructure or your own
- Alerts in the event of failures, optionally also directly to your IT team
- Weekly integrity check of the backup archive

3. Handover

- Joint handover session for the general operating model and manual recovery procedures
- On request: recording as video
- Optional: technical manual

What our service is not

- **No proprietary system:** We deliberately rely on open standards and transparent technologies. Your data is not trapped in an opaque solution.
- **No black box:** You always know what was backed up and when, where the data is going - and how it will be restored.
- **No dependence on us:** you retain full control. We set everything up and accompany the implementation - but afterwards you can also take over the operation completely independently. If you wish, we can remain at your side to provide support. But you decide.

**Backups are like insurance - only faster when things get serious.
We take care of it.**