

# BACKUP

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This backup solution utilizes block-level backup technology to reduce backup windows from hours to minutes. Our technology only saves modified blocks, which increases storage efficiency. It also completes restorations at a much faster rate than normal, as it only restores the modified blocks rather than individual files or folders.

Organizations face multiple challenges regarding backup services, such as the rapid growth of data, shrinking backup windows and budgets, scalability, and multi-platform environments. LeaseWeb Backup overcomes these obstacles by providing an affordable disk-based backup solution for multi-platform environments that guarantees business continuity.

## **Key benefits**

- Fast disaster recovery: backup in minutes with incremental block-level solutions
- Quick data restoration: execute single file recoveries to bare-metal restores
- High scalability: a centralized management hub for multi-server environments
- Multi-platform support: physical and virtual servers, Windows and Linux OSs
- Automatic data replication: regular synchronization ensures data retention
- Proven technology: used on over 275,000 servers around the world

# FEATURES

## **High-performance backup**

The first time you perform a full backup—also known as a parent or base backup—an initial replica of the data is created. After this initial replica, the technology only backs up modified blocks from then on. This saves on storage space, leads to shorter backup windows, and reduces disk I/O.

## **Bare-metal restore**

Block-level backup enables bare-metal restores. In the event of disaster, this is a faster alternative to file/folder restores. This technology streams blocks directly to disks, which significantly speeds up the restore of large file systems and entire servers.

## **Innovative web interface**

Manage thousands of servers via one web-based console. Browse, download, and restore files from recovery points via our customer portal. View detailed progress of replication and restore jobs as they run. You are solely responsible for the quality of your backups—so be vigilant when checking the completion process.

## **Flexible retention policy**

Define a replication goal as frequently as you desire, decide how many restore points to keep, and for how long. Old recovery points merge automatically and their storage gets recycled. You can also easily upgrade to a larger package to increase retention when necessary.

## **Robust data replication**

Our backup solution automatically replicates your data in order to secure its retention. This replication service regularly synchronizes your backup(s) to a second location—ensuring protection from any hardware failure.

## **Multi-platform support**

Our backup solutions supports both bare-metal and virtual servers, including the most common virtualization platforms, such as VMWare, Hyper-V, Citrix XenServer, Parallels Cloud Server, Parallels Virtuozzo, and KVM. They also offer advanced data protection for Microsoft SQL Server, Exchange, and MySQL (including MariaDB and Percona Server).

## **Storage notifications**

When storage capacity is almost at maximum, you receive a warning via email. This lets you take the necessary actions, such as reducing retention period, or increasing storage capacity. You also receive email notifications when storage capacity is at maximum.

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