

# Remote Backup

Duplicati is a self-hosted service we can access through our browser that let's schedule backups. It can never hurt to have an additional strategy, especially one that is stored outside of your home. Through Duplicati, we can upload encrypted backups to a cloud storage service.

The screenshot shows the Duplicati web interface. At the top, there's a header with the Duplicati logo (Beta), a status bar indicating 'No scheduled tasks', and a 'Donate' link. Below the header is a progress bar with five steps: 1. General, 2. Destination, 3. Source Data, 4. Schedule, and 5. Options (which is the current step). On the left side, there's a sidebar with links: Home, Add backup, Restore, Settings, About, and Log out. The main content area is titled 'General options' and contains a 'Remote volume size' field set to '50 MByte'. Below this is a note: 'The backups will be split up into multiple files called volumes. Here you can set the maximum size of the individual volume files. See this page for more information.' The 'Backup retention' dropdown menu is open, showing options: 'Keep all backups' (selected), 'Delete backups that are older than', 'Keep a specific number of backups', 'Smart backup retention', and 'Custom backup retention'. At the bottom right of the main content area, there are '< Previous' and 'Save' buttons. The footer contains social media links and a 'Visit us on' link.

Local backups are perfect to getting your server running after a systems failure while remote backups offer long-term reassurance you'll never lose important personal data. We can use remote backup storage for documents, photos and other data we cannot stand to lose.

In the event of something catastrophic, like a lightning strike disabling your entire server or a fire, storing your more important data elsewhere can be a life saver. This form of cloud storage is excellent as a decentralized strategy because the data is still fully in our control, using secure encryption and a filing system only we understand.

We will be focusing on a cloud storage service provided by Backblaze known as "B2 Buckets." These storage buckets are affordably priced, per terabyte of data, and come with unlimited bandwidth for uploading files to their service. Downloading large amounts of data, however, can accrue fees per gigabyte. Therefore, cloud storage is a great safety net to have in the event of catastrophic data loss.

We can install Duplicati through Portainer now that we have that all set up.

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