

# Increase AWS Main (Disk Or Volume) Size

Your AWS provider instance disc size can be changed at any time between 10 GB and 10 TB.

On AWS Disk, you can only increase the disc size, not decrease it.

According to AWS policy, after upgrading a disc size, you must wait at least 6 hours before upgrading it again.

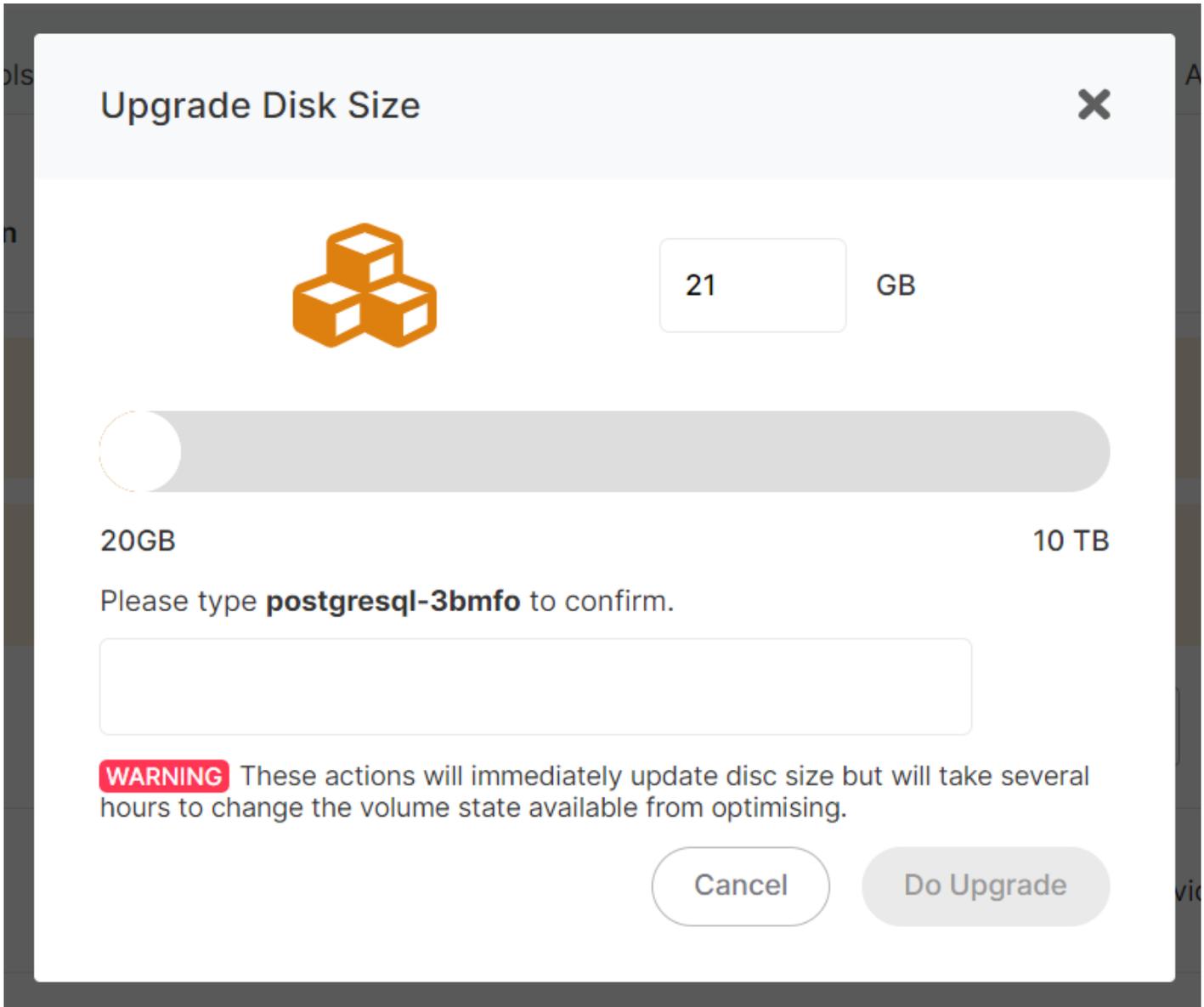
To increase the disc size, navigate to your service overview and then to the section's *Main Volume*.

The screenshot displays the service overview for a PostgreSQL instance named 'postgresql-3bmfo'. At the top, there are navigation options: 'Open terminal', 'Delete service', and 'Clone this service'. Below this is a horizontal menu with tabs for 'Overview', 'Tools', 'Backups', 'Metrics', 'Logs', 'Audit', 'Security', 'Alerts', and 'Notes'. The 'Overview' tab is selected. The main content area is divided into several sections:

- Termination protection:** Disabled. VM can be powered off and terminated. Protection deactivated (toggle switch).
- Database Admin:** Display your database credentials. Button: Display DB Credentials.
- Admin:** Display your software credentials. Button: Display Admin UI.
- Software:** PostgreSQL, version: 14. Buttons: View app logs, Update config, Restart, Change version.
- Service plan:** Server type: MICRO-2C-1G (2 VCPU s - 1 GB RAM - 20 GB storage) Provider: aws. Button: Upgrade plan.
- Main Volume:** Storage: 20 GB Status: completed. Button: Upgrade volume. This section is highlighted with a red border.

Here, you will find information about your current disc size, its status, and an [Upgrade volume](#) button.

A prompt modal will appear when you click the Upgrade volume button to increase the disc size.



Enter the size of the disc you want to upgrade here, followed by the name of your service in the input field for confirmation. Click the **Do Upgrade** button to confirm the upgrade, or **Cancel** to reject it.

## Upgrade Disk Size



Please wait ...

After you confirm, a loader modal will appear, and it will take a few seconds or a minute to upgrade the size of your disc.

Main Volume

Storage: 21 GB Status: optimizing

Upgrade volume

You can get your updated size in the Storage section and Status Optimizing after upgrading a size.

Your disk's status will change from optimizing to completed after a short while (or several hours).

When you modify an Amazon EBS volume, the volume goes through a sequence of states. These volume states include the **modifying** state, the **optimizing** state, and finally the **completed** state.

If you increase the size of the volume, then the new size is available for use immediately after the modification. However, if the volume is in the **Optimizing** state, then the performance of the volume is in between the source and target configuration specifications. The performance of the volume is measured in terms of I/O operations per second and throughput.

Modifying an EBS volume can take from a few minutes to a few hours depending on the configuration changes being applied. An EBS volume of size 1 TiB can typically take up to 6 hours to be modified. However, the same volume might take 24 hours or longer in other situations. The time it takes for volumes to be modified doesn't always scale linearly. Therefore, a larger volume might take less time, and a smaller volume might take more time.

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