


# 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*.

 postgresql-3bmfo

 PostgreSQL

 Running

 Open terminal

 Delete service

Clone this service

Overview

Tools

Backups

Metrics

Logs

Audit


Security

Alerts

Notes

Termination protection

Disabled. VM can be powered off and terminated.

Protection deactivated 

Database Admin

Display your database credentials

Display DB Credentials

Admin

Display your software credentials

Display Admin UI

Software

PostgreSQL, version: 14

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

Upgrade plan

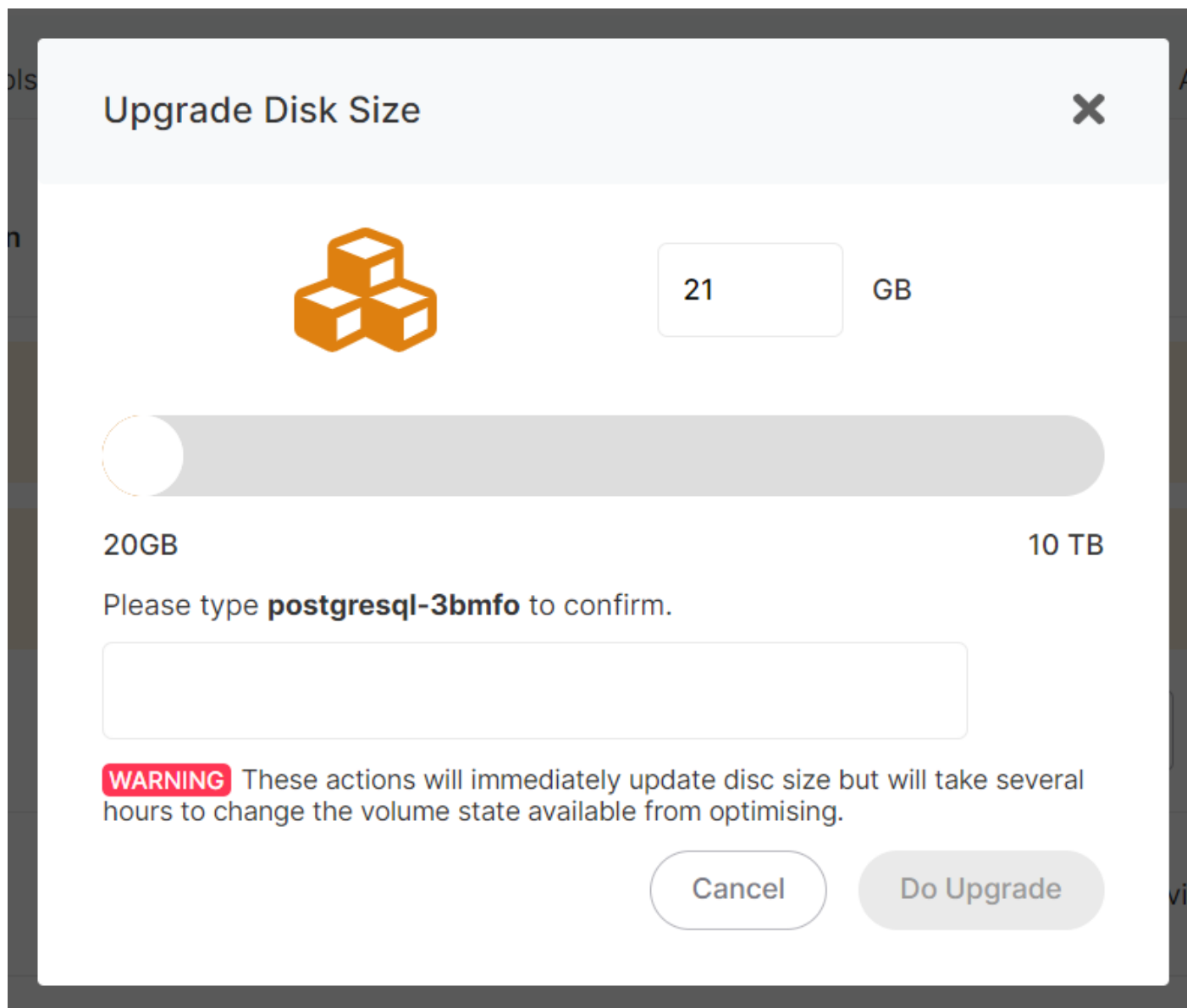
Main Volume

Storage: 20 GB Status: completed

Upgrade volume

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.



The screenshot shows a modal dialog titled "Upgrade Disk Size" with a close button (X) in the top right corner. Inside the modal, there is an orange icon of three stacked cubes. To the right of the icon is a text input field containing the number "21", followed by the unit "GB". Below this is a horizontal slider bar. The left end of the slider is labeled "20GB" and the right end is labeled "10 TB". Below the slider, there is a text prompt: "Please type **postgresql-3bmfo** to confirm." followed by a text input field. At the bottom of the modal, there is a warning message: "WARNING These actions will immediately update disc size but will take several hours to change the volume state available from optimising." Below the warning, there are two buttons: "Cancel" and "Do Upgrade".

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.

