

Migrate Mastodon server to Elestio

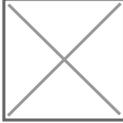
This migration document focuses on the migration of the applications supported by Elestio. Find the software list [here](#)

This document provides a step-by-step guide for migrating your existing Mastodon database system to Elestio. Elestio is designed to enhance performance, scalability, and overall system efficiency. Before you begin the migration process, make sure to check the pre-requisites

1?? Pre-requisites

1. Create an account on [Elestio](#)
2. Log in to your Mastodon admin dashboard account where your current server is hosted
3. Ensure the UI for the application is working fine and no critical errors are detected in the application logs. If found otherwise please feel free to create a support ticket
4. When deploying the service on Elestio, use the same software version as your present service, or your data migration will fail.

2?? Exporting the Data

1. Log into your Mastodon server that has been originally hosted.
2. Head over to the preferences settings 
3. Head over to the "Import and Export" and click on the Data Export option 
4. Click on the "CSV" file section to download the data you want to migrate. The CSV files will be stored in your local machines 

For exporting the additional data you should export the underlying Postgres database and also your media storage.

3?? Importing the Data

1. Login to your Elestio account

- Go to Create Services and select "Mastodon"
- Select your service provider, region, and machine preferences

The screenshot shows the 'Create Service' wizard in Elestio. The left sidebar contains navigation options like 'Services', 'Volumes', 'Load Balancer', 'CI/CD', 'Domains', 'Members', 'Billing', 'Project Setting', 'Audit Trail', 'Account', 'Support Tickets', and 'Documentation'. The main area is divided into three steps:

- 1. Select Service Cloud Provider:** A row of provider logos including Hetzner, DigitalOcean, Amazon Lightsail, Linode, Vultr, Scaleway, and AWS.
- 2. Select Service Cloud Region:** Two tabs, 'Europe' and 'North America'. Under 'Europe', three regions are listed: 'fns1 Germany - Falkenstein', 'hel1 Finland - Helsinki', and 'nbg1 Germany - Nuremberg'.
- 3. Select Service Plan:** Three plan options: 'Ampere Altra' (selected), 'Intel Xeon', and 'AMD Epyc'. Below, the 'MEDIUM-2C-4G-CAX' plan is detailed with specifications: 2 CPU, 4 GB RAM, 40 GB Storage, 20 TB Bandwidth included, and Ampere Altra.

On the right, a summary sidebar shows:

- Service: Mastodon
- Provider: Hetzner Cloud
- Region: Europe, Germany Falkenstein
- Plan: MEDIUM-2C-4G-CAX (2 CPU, 4 GB RAM, 40 GB Storage, 20 TB Bandwidth, No Volume, No Snapshots, 7 Remote Backups, Ampere Altra, Fully Managed)
- Support: Level1
- Estimated Monthly Price: \$15
- Buttons: 'Next' and 'Copy Terraform Config'.

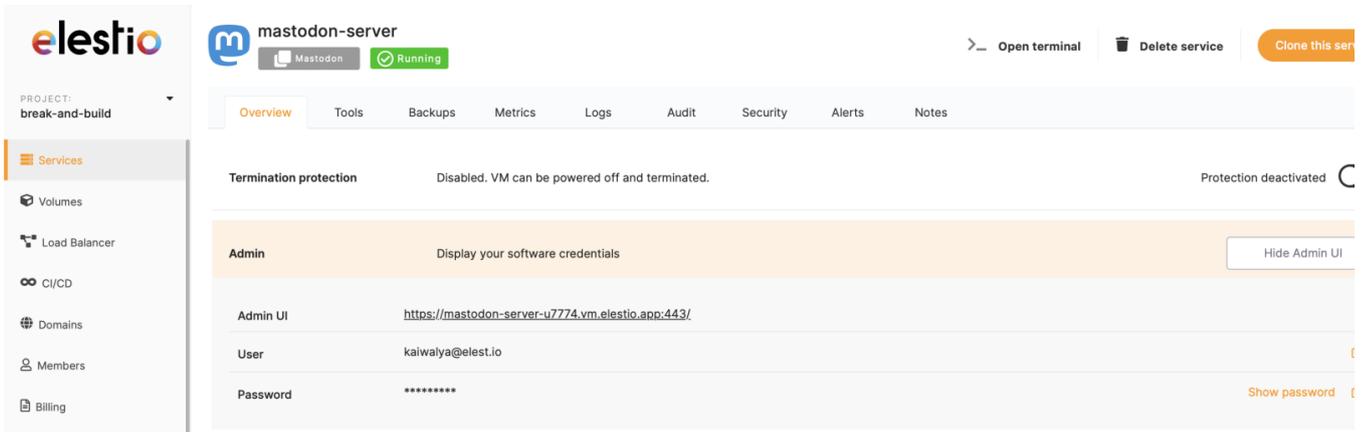
- Name your service, configurations, and support layer, and hit "Create Service"

The screenshot shows the 'Create Service' wizard in Elestio, Step 2. The left sidebar is identical to the previous screenshot. The main area is divided into two steps:

- 1. Select Service Support:** Three support level options are shown:
 - Level 1 Support:** Includes 7 days of remote backup retention, documentation & community forum, email support channel, 3 days response time, direct support team contact, no SLA, and is recommended for test environments. Price: Included.
 - Level 2 Support:** Includes 14 days of remote backup retention, 2 service snapshots, 24h response time, priority queuing, documentation & community forum, email support channel, and is recommended for staging environments. Price: \$50 / month.
 - Level 3 Support:** Includes 30 days of remote backup retention, 4 service snapshots, 4h response time, priority queuing, dedicated customer success manager, documentation & community forum, email & phone support channels, and is recommended for production environments. Price: \$200 / month.
- 2. Provide Service Name & Admin email (used to create the admin account):**
 - A warning box states: 'The service name cannot be changed afterwards.'
 - Name*:** Input field containing 'mastodon-server'.
 - Admin email*:** Input field containing 'kaiwalya@elest.io'.

On the right, a summary sidebar is identical to the previous screenshot, but with the 'Create Service' button highlighted.

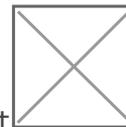
- Once deployed, head over to the service details URL provided under "Admin UI" to access the Mastodon Server UI



6. Once you are in, head over to the UI you should head over and log in with the credentials

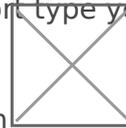


on the server.



7. Head over to the "Import and Export" and click on the import

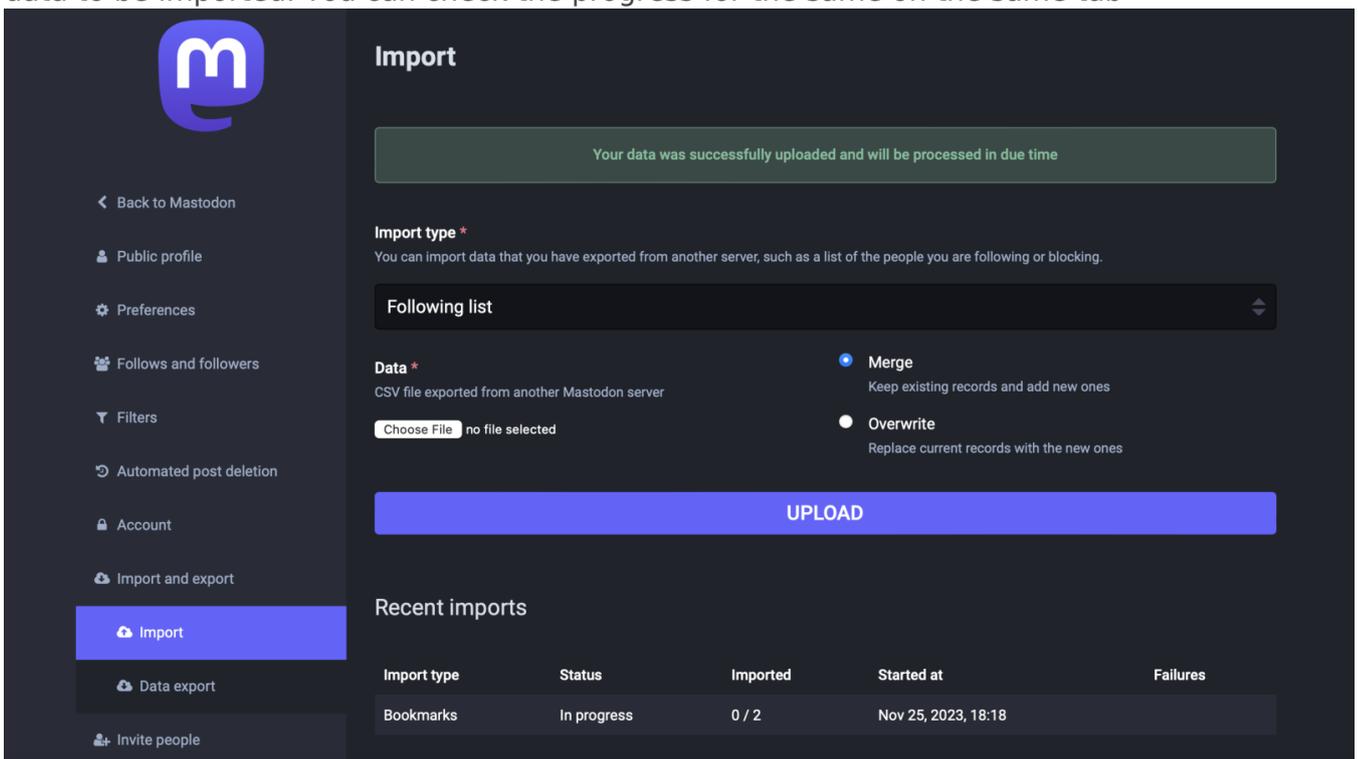
8. Now click the "Choose file" option under the data section and the "Import type" from the drop-down menu. Select the file according to the import type you have selected.



9. Confirm your imports by clicking on the confirm button

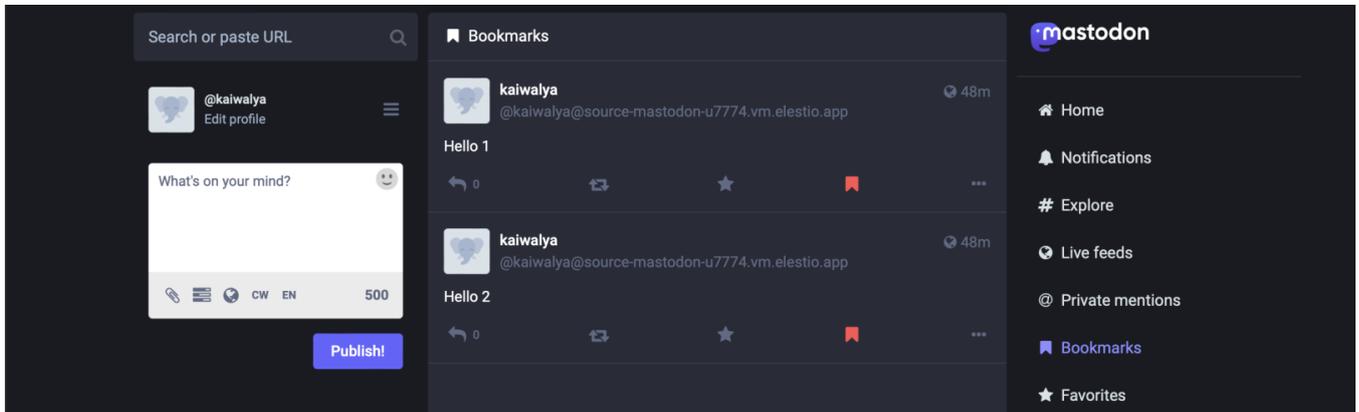
10. If you imported the Postgres database in the previous step then make sure to import the database in the Elestio instance by using the Postgres credentials provided on the Elestio dashboard and also import the media storage.

11. Woohoo! Your data is successfully migrated to Elestio, wait for a couple of minutes for the data to be imported. You can check the progress for the same on the same tab



4?? Testing the Migration

1. You have successfully migrated to Elestio, now it's time for testing if your application is running as you intended
2. Head over to the Mastodon server and check the bookmarks, posts, and list you have imported in their respective tabs and you will notice the mention of your previous server to set the differentiations
3. Here as you can see, my bookmarks were successfully imported into the new instance of Elestio



5?? Need additional help?

Stuck somewhere? We are here to help you, go ahead and create a [support ticket](#) and we will get back to you in no time.

Revision #2

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