

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

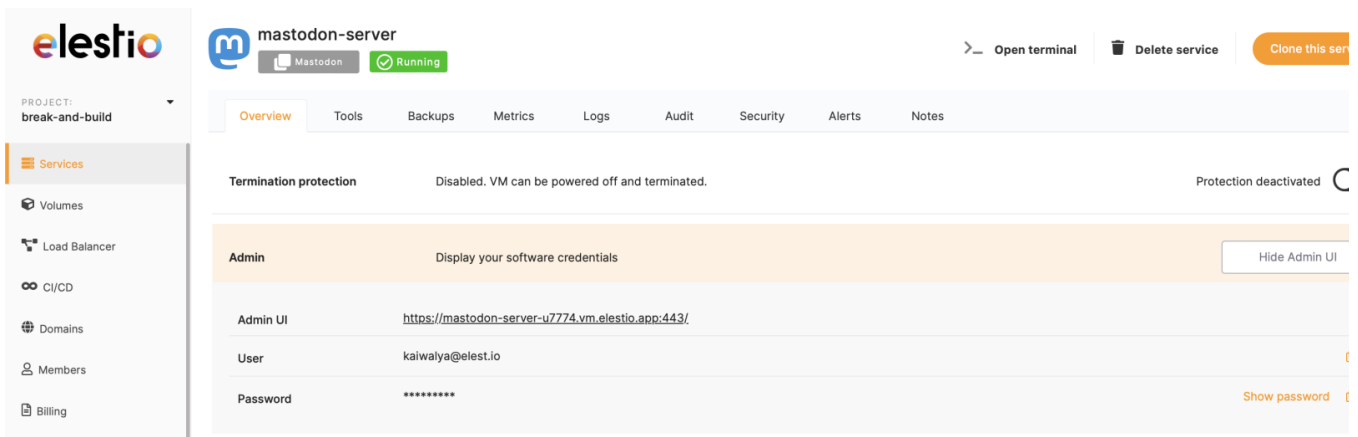
- Go to Create Services and select "Mastodon"
- Select your service provider, region, and machine preferences

The screenshot shows the Elestio 'Create Service' wizard. The left sidebar contains navigation links: Services, Volumes, Load Balancer, CI/CD, Domains, Members, Billing, Project Setting, Audit Trail, Account, Support Tickets, and Documentation. The main content area is divided into three steps: 1. Select Service Cloud Provider, 2. Select Service Cloud Region, and 3. Select Service Plan. Step 1 shows a grid of providers: Hetzner, DigitalOcean, Amazon Lightsail, Linode, Vultr, Scaleway, AWS, and a generic cloud icon. Step 2 shows two regions: Europe (Germany - Falkenstein) and North America (Finland - Helsinki). Step 3 shows three plans: Ampere Altra, Intel Xeon, and AMD Epyc. The selected plan is 'MEDIUM-2C-4G-CAX' with specifications: 2 CPU, 4 GB RAM, 40 GB Storage, 20 TB Bandwidth included, and Ampere Altra. The right sidebar shows the service details: Mastodon, Hetzner Cloud, 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, and a 'Next' button.

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

The screenshot shows the Elestio 'Create Service' wizard, Step 2: Provide Service Name & Admin email (used to create the admin account). The left sidebar is the same as in the previous screenshot. The main content area shows three support levels: Level 1 Support (Included), Level 2 Support (\$50 / month), and Level 3 Support (\$200 / month). The selected support level is Level 1 Support. Below the support levels, there is a section for 'Provide Service Name & Admin email (used to create the admin account)'. It includes a text input for 'Name*' with the value 'mastodon-server' and a text input for 'Admin email*' with the value 'kaiwalya@elest.io'. The right sidebar shows the service details: Mastodon, Hetzner Cloud, 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, and a 'Create Service' button.

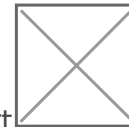
- Once deployed, head over to the service details URL provided under "Admin UI" to access the Mastodon Server UI



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

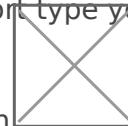


on the server.



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

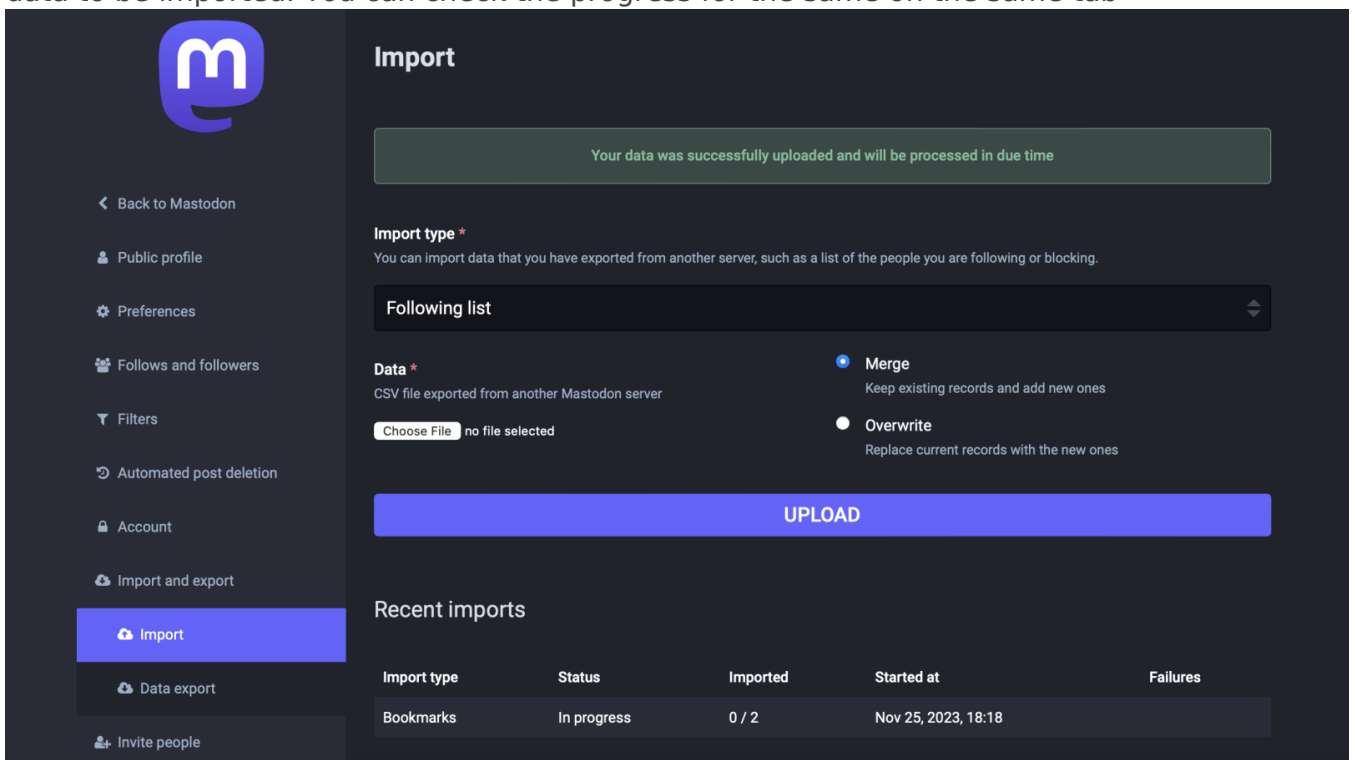
8. Now click the "Choose file" option under the data section and the "Import type" from the drop-down menu. Select the file according to the import type you have selected.



9. Confirm your imports by clicking on the confirm button

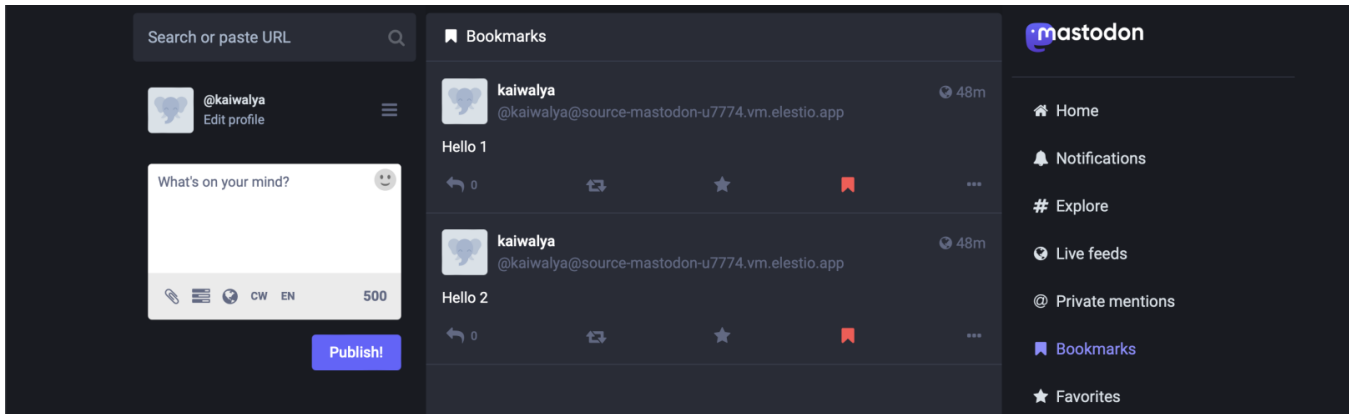
10. If you imported the Postgres database in the previous step then make sure to import the database in the Elestio instance by using the Postgres credentials provided on the Elestio dashboard and also import the media storage.

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

Created 25 November 2023 15:49:52 by kaiwalya

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