

Migrate Superset to Elestio

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

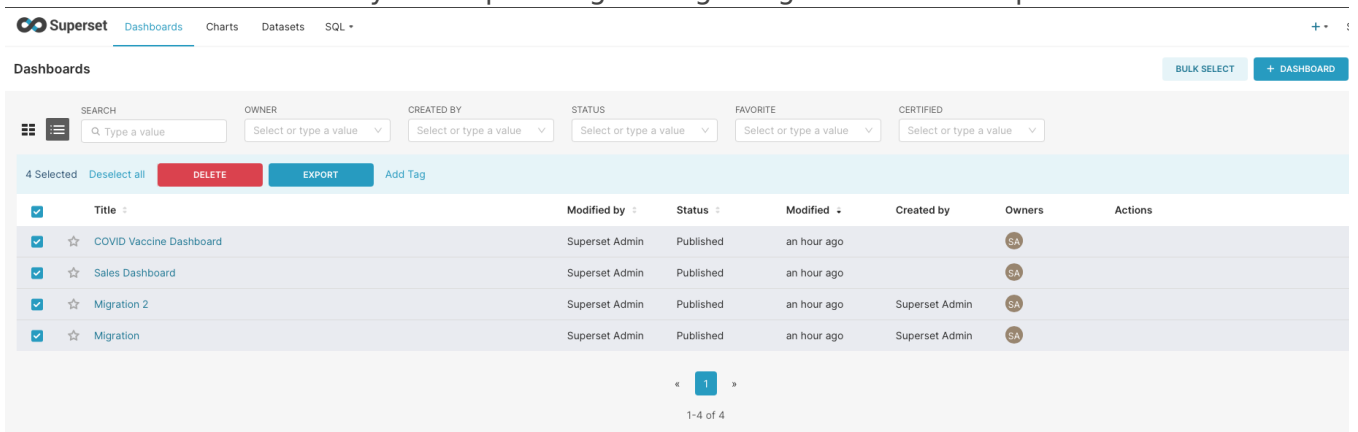
This document provides a step-by-step guide for migrating your existing Superset pipelines to Elestio. Elestio is designed to enhance performance, scalability, and overall system efficiency. Before you begin the migration process, make sure to check the pre-requisites

1?? Pre-requisites

1. Create an account on [Elestio](#)
2. Log in to your Superset admin dashboard account on the server where your current Superset is deployed
3. Make sure the UI for the application is working fine and there are no critical errors 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 Dashboards and Data

1. Head over to your original (source) dashboard of superset
2. Select all the dashboards you are planning on migrating and click on Export



The screenshot shows the Superset Dashboards page. At the top, there are navigation tabs for Dashboards, Charts, Datasets, and SQL. Below the navigation, there are search and filter options for OWNER, CREATED BY, STATUS, FAVORITE, and CERTIFIED. A table of dashboards is displayed with columns for Title, Modified by, Status, Modified, Created by, Owners, and Actions. Four dashboards are selected, and the 'EXPORT' button is visible.

	Title	Modified by	Status	Modified	Created by	Owners	Actions
<input checked="" type="checkbox"/>	COVID Vaccine Dashboard	Superset Admin	Published	an hour ago		SA	
<input checked="" type="checkbox"/>	Sales Dashboard	Superset Admin	Published	an hour ago		SA	
<input checked="" type="checkbox"/>	Migration 2	Superset Admin	Published	an hour ago	Superset Admin	SA	
<input checked="" type="checkbox"/>	Migration	Superset Admin	Published	an hour ago	Superset Admin	SA	

3. Similarly, head over to the charts section, select all the required charts, and click on Export

Superset Dashboards Charts Datasets SQL

Charts

SEARCH: Type a value OWNER: Select or type a value CREATED BY: Select or type a value CHART TYPE: Select or type a value DATASET: Select or type a value DASHBOARDS: Select or type a value FAVORITE: Select or type a value CERTIFIED: Select or type a value

25 Selected Deselect all DELETE EXPORT Add Tag

Chart	Visualization type	Dataset	Modified by	Last modified	Created by	Actions
Sales data	Pie Chart	main.cleaned_sales_data	Superset Admin	2 hours ago	Superset Admin	
World health population	World Map	main.wb_health_population	Superset Admin	2 hours ago	Superset Admin	
Unicode Cloud	Word Cloud	main.unicode_test				
Vaccine Candidates per Country	Treemap	main.covid_vaccines				
Most Dominant Platforms	Pie Chart	main.video_game_sales				
Quarterly Sales (By Product Line)	Time-series Bar Chart (legacy)	main.cleaned_sales_data				
Cross Channel Relationship	Chord Diagram	main.users_channels-uzooNNISRO				
Degrees vs Income	Box Plot	main.FCC 2018 Survey				
Weekly Messages	Big Number with Trendline	main.messages				
Games	Table	main.video_game_sales				
Top Timezones	Table	main.users				
Weekly Threads	Big Number with Trendline	main.threads				
Publishers With Most Titles	Table	main.video_game_sales				
Location of Current Developers	World Map	main.FCC 2018 Survey				
Proportion of Revenue by Product Line	Area Chart	main.cleaned_sales_data				
Vaccine Candidates per Country	World Map	main.covid_vaccines				

4. These exported files will be stored in your local machine in .zip format
5. You will have to reconfigure your connected database with Superset after the migration so you should make sure you have all the information required for configuration
6. If you have a database connected with the Superset then head over to [Elestio's Migration Docs](#) similar to this for migration instructions for the specific database

If you want to migrate the database to seamless integration with the Superset then head over to [Elestio's Migration Docs](#) similar to this for migration instructions for the specific databases.

3?? Importing the Dashboards and Data

1. Login to your Elestio account
2. Go to Create Services and select "Superset"
3. Select service provider, region, and service information

1. Select Service Cloud Provider

2. Select Service Cloud Region

- Europe
 - fsn1: Germany - Falkenstein
 - hel1: Finland - Helsinki
 - nbg1: Germany - Nuremberg

3. Select Service Plan

Intel Xeon | AMD Epyc

SMALL-1C-2G
 1 CPU, 2 GB RAM, 20 GB Storage, 20 TB Bandwidth included, Intel Xeon

MEDIUM-2C-4G
 2 CPU, 4 GB RAM, 40 GB Storage, 20 TB Bandwidth included, Intel Xeon

Service Summary (Right Panel):
 Service: Superset
 Version: master (21-11-2023)
 Provider: Hetzner Cloud
 Region: Europe, Germany Falkenstein
 Plan: SMALL-1C-2G
 1 CPU, 2 GB RAM, 20 GB Storage, 20 TB Bandwidth, No Volume, No Snapshots, 7 Remote Backups, Intel Xeon, Fully Managed
 Support: Level1
 Estimated Monthly Price*: \$10
 *Estimated monthly price is based 730 hours of usage.
 Next

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

Support Level Selection:

Level 1 Support	Level 2 Support	Level 3 Support
<ul style="list-style-type: none"> 7 Days of remote backup retention Support : Documentation & community forum Email support channel 3 days Response Time Contact your support team directly from the console No SLA Recommended for test environment 	<ul style="list-style-type: none"> 14 Days of remote backup retention 2 Services snapshots included 24h Response Time (business hours) Priority Queuing Documentation & community forum Email support channel Recommended for staging environment 	<ul style="list-style-type: none"> 30 Days of remote backup retention 4 Services snapshots included 4h Response Time (business hours) Priority Queuing Dedicated Customer Success Manager Documentation & community forum Email & Phone supports channels Recommended for production environment
Included	\$50 / month	\$200 / month

2. Provide Service Name & Admin email (used to create the admin account)

The service name cannot be changed afterwards.

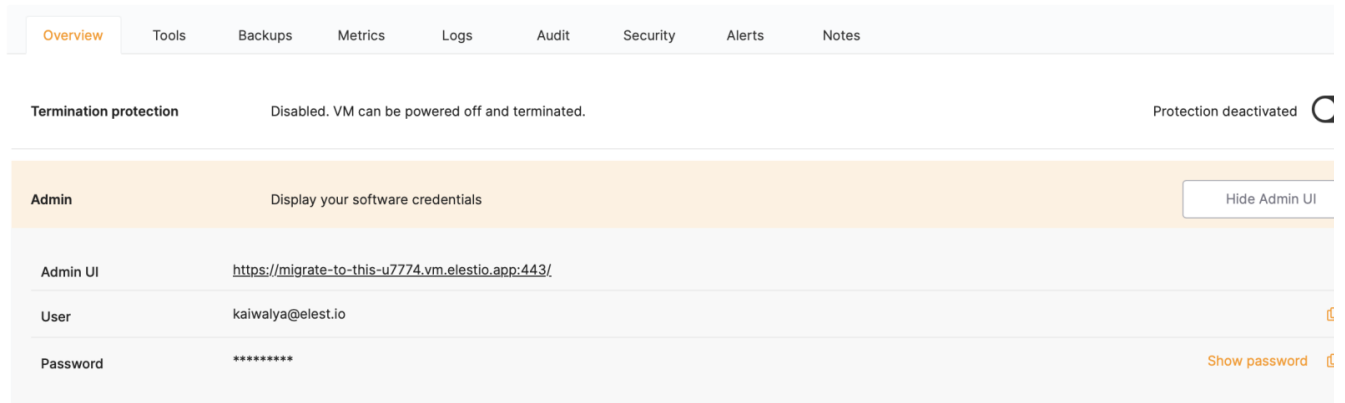
Name*: migrate-to-this

Admin email*: kaiwalya@elest.io

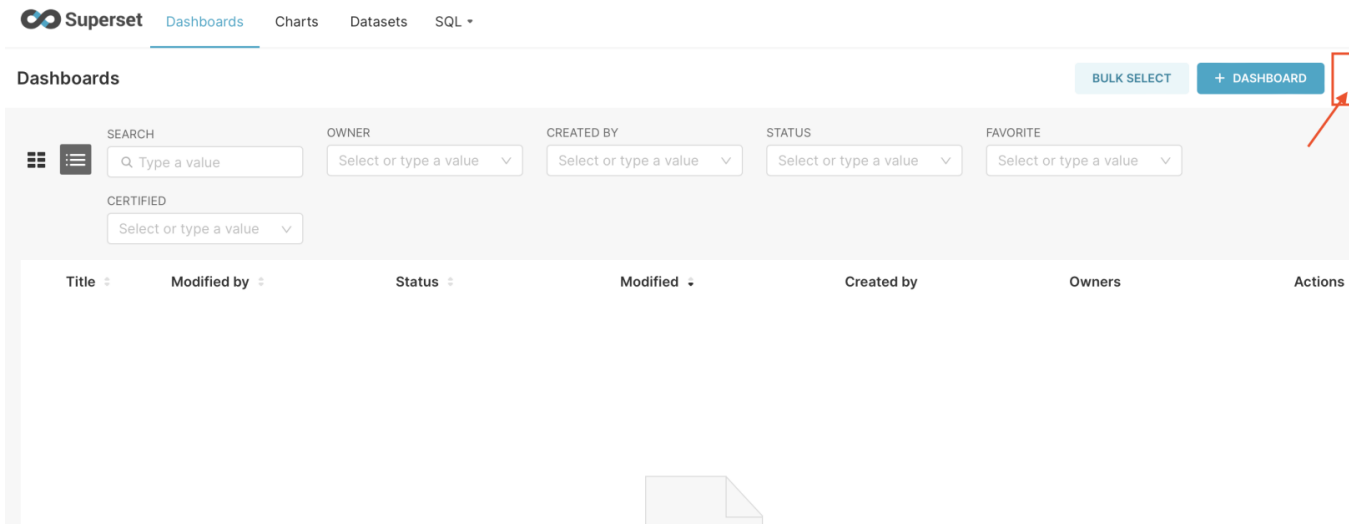
3. Configure Network Volume

Service Summary (Right Panel):
 Service: Superset
 Version: master (21-11-2023)
 Provider: Hetzner Cloud
 Region: Europe, Germany Falkenstein
 Plan: SMALL-1C-2G
 1 CPU, 2 GB RAM, 20 GB Storage, 20 TB Bandwidth, No Volume, No Snapshots, 7 Remote Backups, Intel Xeon, Fully Managed
 Support: Level1
 Estimated Monthly Price*: \$10
 *Estimated monthly price is based 730 hours of usage.
 Create Service

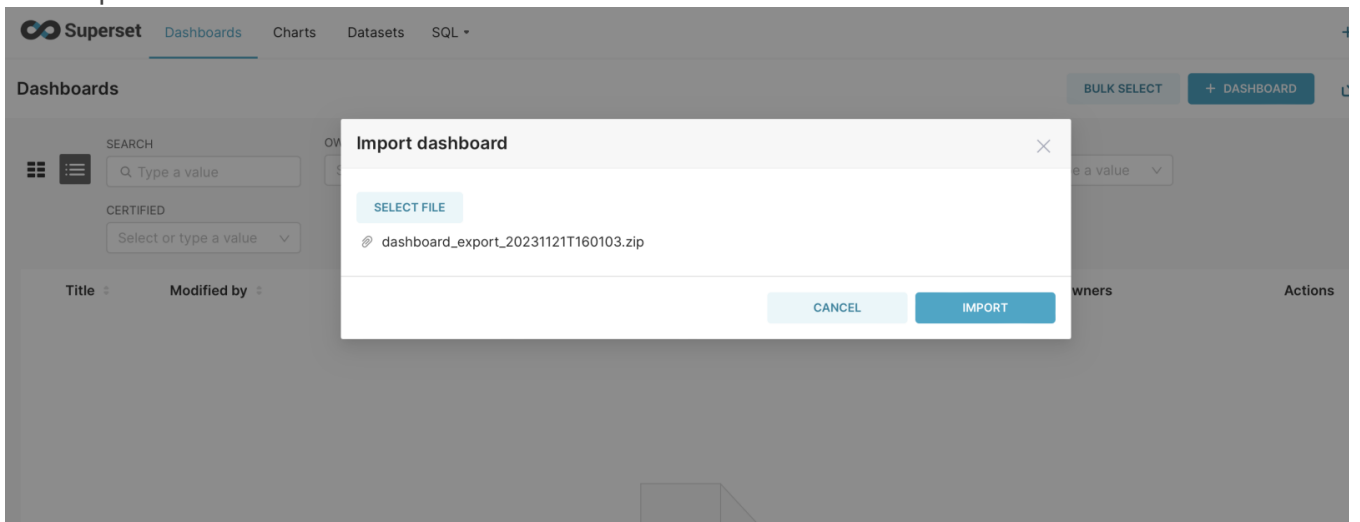
5. Once deployed, head over to the service details and use the credentials provided under "Admin UI" to access the Superset dashboard.



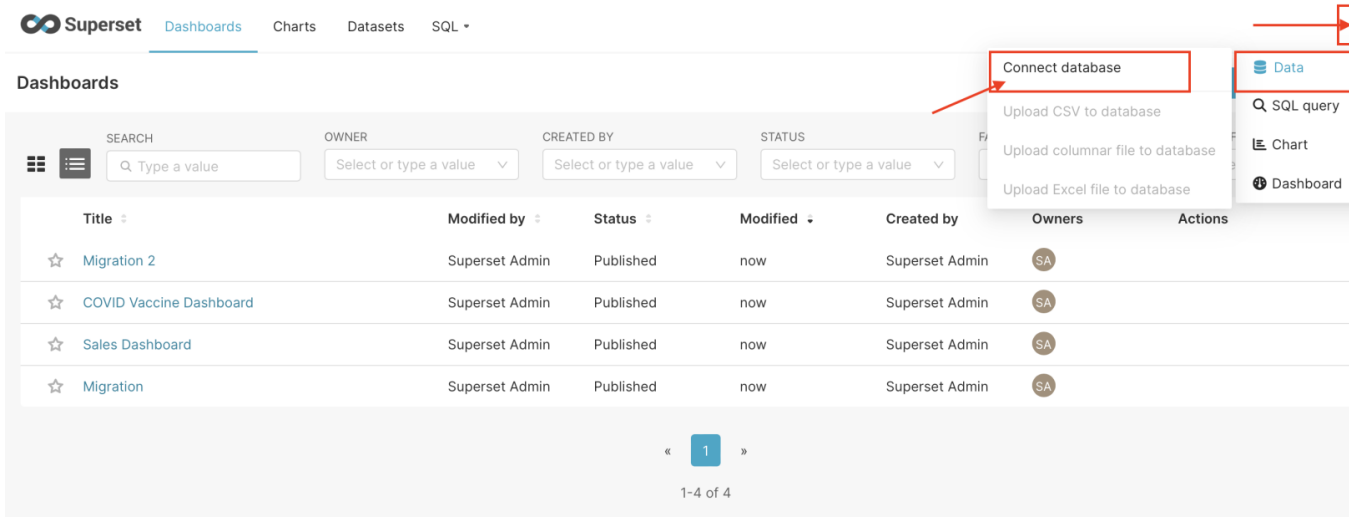
6. Once logged in, head over to the dashboard tab and click on the import button as shown in the image



7. Click on "Select File" select the export (.zip) you exported from the previous step and click on "Import"



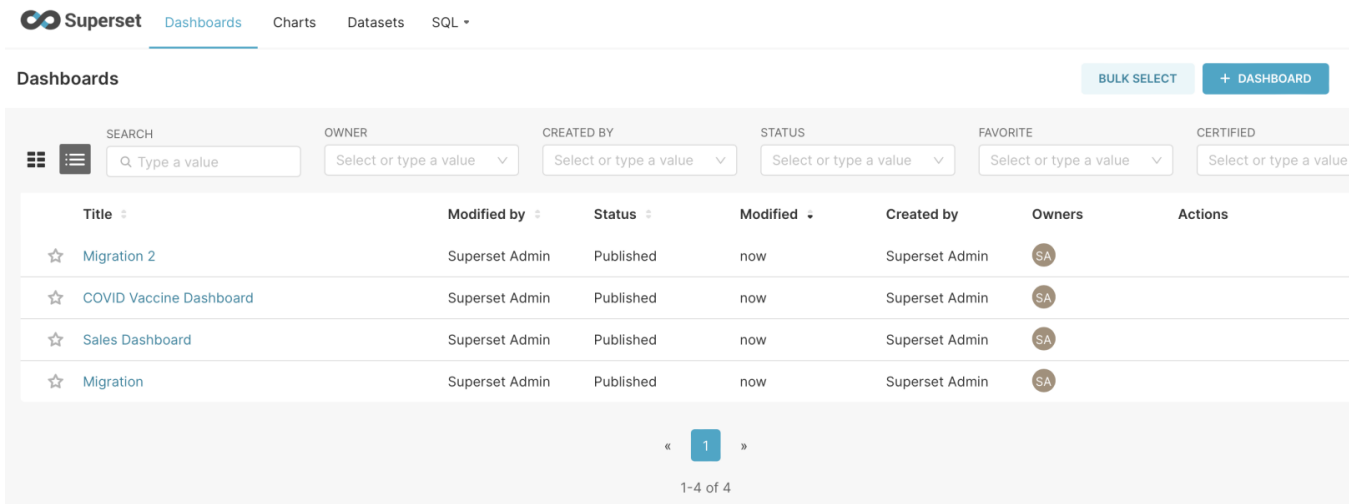
8. Additionally, you can add and configure your databases from the settings shown in the image below



9. Woohoo 🎉 you have successfully imported all your dashboards and repeat the same to import the charts.

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 Dashboard and check if you can still see the dashboards like your previous instance
3. Here as you can see, my new dashboards have successfully been imported as I showed during the import



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 #5

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