

Migrate Superset to Elestio

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

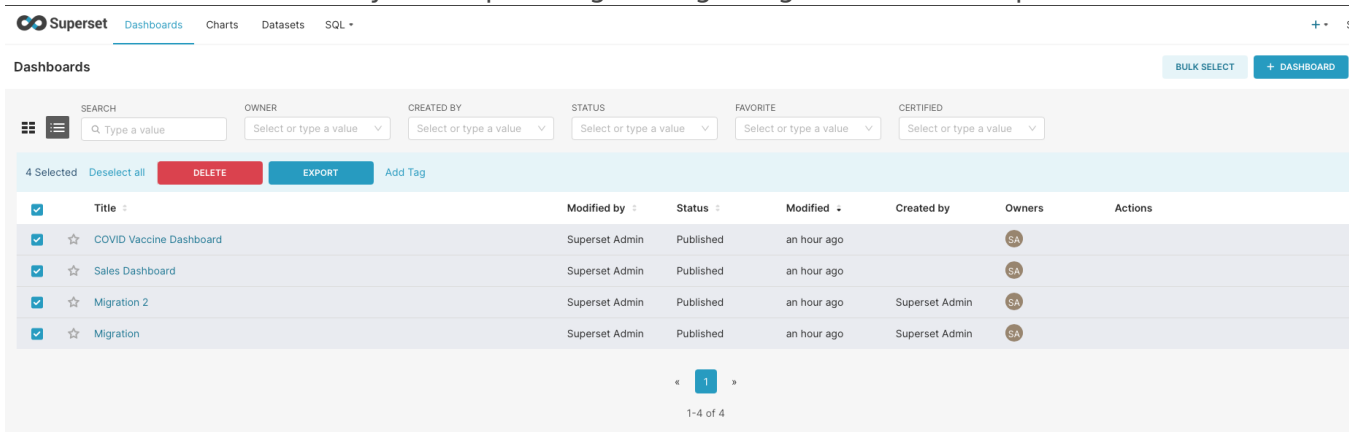
This document provides a step-by-step guide for migrating your existing Superset pipelines to Elestio. Elestio is designed to enhance performance, scalability, and overall system efficiency. Before you begin the migration process, make sure to check the pre-requisites

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 tabs for Dashboards, Charts, Datasets, and SQL. Below the tabs, there is a search bar and several filter dropdowns 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 listed: COVID Vaccine Dashboard, Sales Dashboard, Migration 2, and Migration. Each row has a checkbox in the first column, which is checked for all four dashboards. Above the table, there are buttons for '4 Selected', 'Deselect all', 'DELETE', 'EXPORT', and 'Add Tag'. At the bottom of the table, there is a pagination control showing '1' of 4 items.

	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

BULK SELECT + CHART

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				

- These exported files will be stored in your local machine in .zip format
- 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
- 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

- Login to your Elestio account
- Go to Create Services and select "Superset"
- Select service provider, region, and service information

PROJECT: break-and-build

Services
Volumes
Load Balancer
CI/CD
Domains
Members
Billing
Project Setting
Audit Trail
Account
Support Tickets
Documentation

\$43.65 CREDITS
\$0.028/hour SPENDING
64.95 days TIME LEFT

1. Select Service Cloud Provider

HETZNER

DigitalOcean

Amazon Lightsail

linode

VULTR

Scaleway

aws

2. Select Service Cloud Region

Europe

North America

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 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

Copy Terraform Config

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

PROJECT: break-and-build

Services
Volumes
Load Balancer
CI/CD
Domains
Members
Billing
Project Setting
Audit Trail
Account
Support Tickets
Documentation

\$43.61 CREDITS
\$0.042/hour SPENDING
43.25 days TIME LEFT

Level 1 Support

✓ 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

Included

Level 2 Support

✓ 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

\$50 / month

Level 3 Support

✓ 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

\$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 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

Copy Terraform Config

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

Overview Tools Backups Metrics Logs Audit Security Alerts Notes

Termination protection Disabled. VM can be powered off and terminated. Protection deactivated

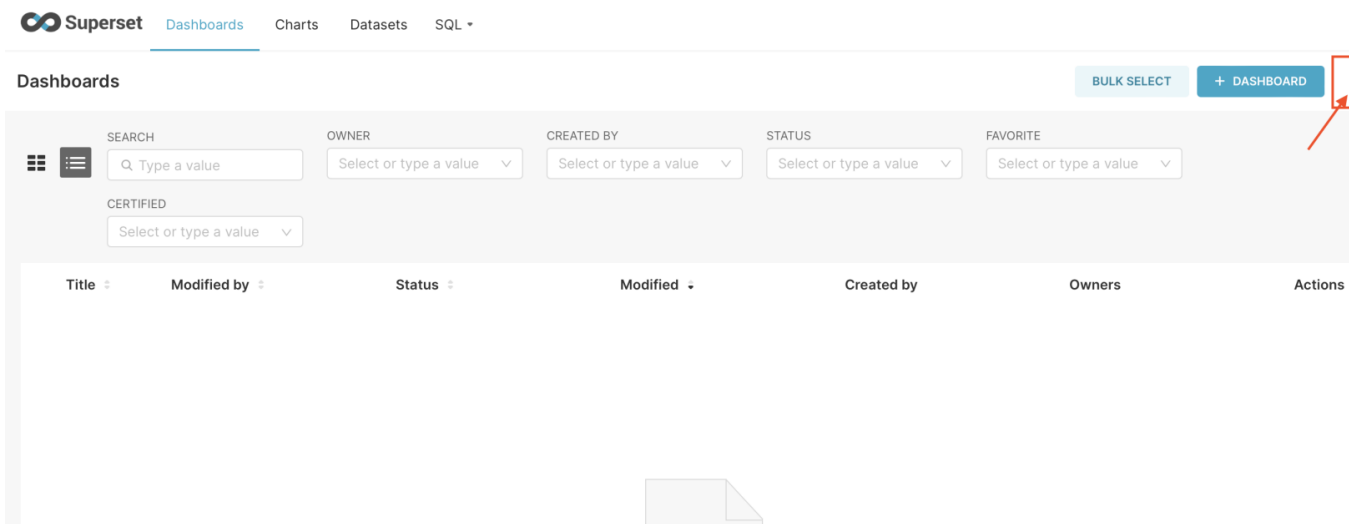
Admin Display your software credentials Hide Admin UI

Admin UI <https://migrate-to-this-u7774.vm.elesto.io:443/>

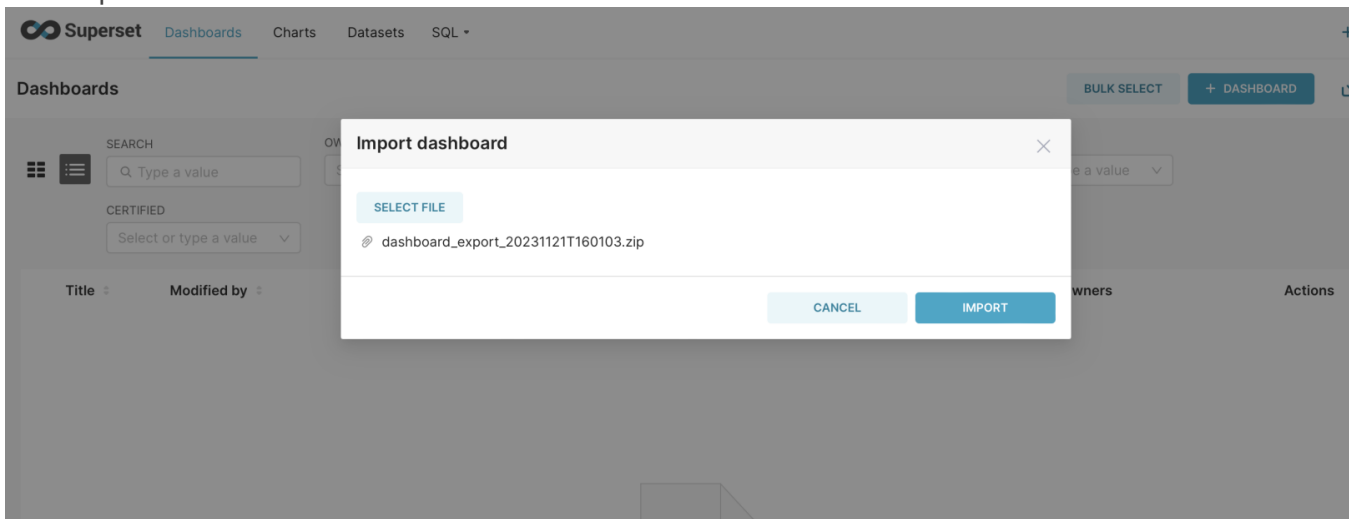
User kaiwalya@elest.io

Password ***** Show password

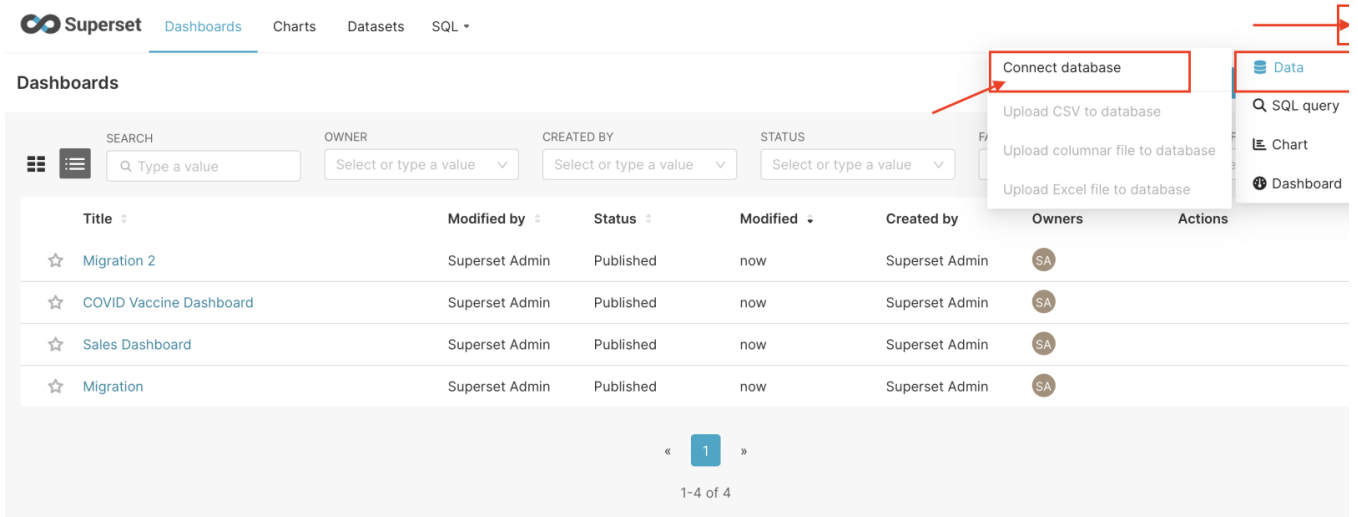
6. Once logged in, head over to the dashboard tab and click on the import button as shown in the image



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



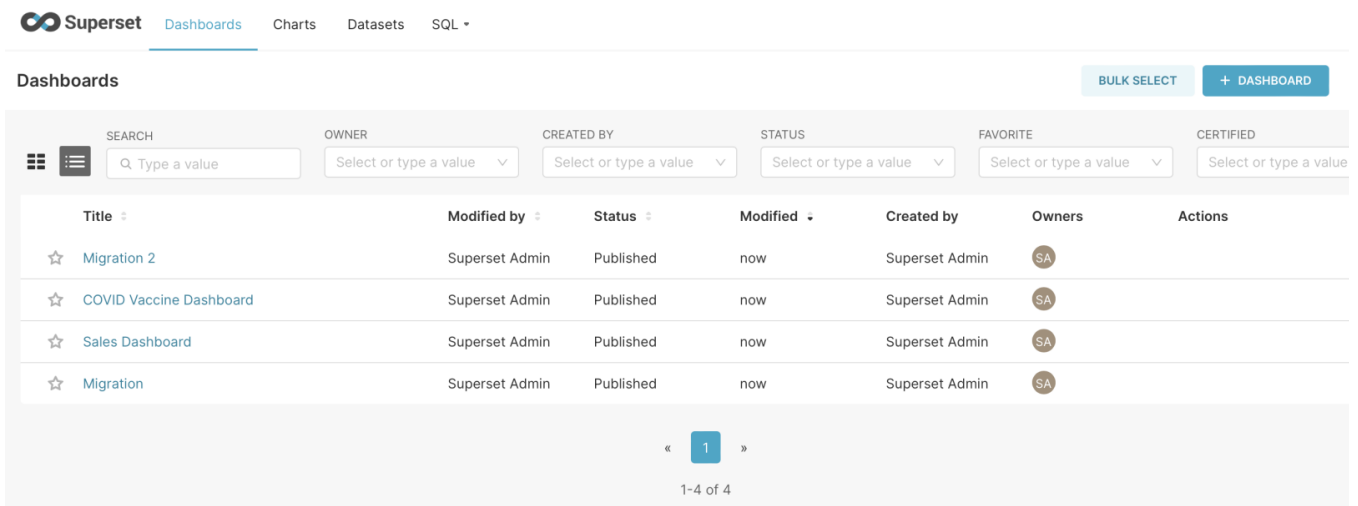
8. Additionally, you can add and configure your databases from the settings shown in the image below



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

Created 21 November 2023 16:27:39 by kaiwalya

Updated 5 March 2025 12:11:06 by Amit