

Migrate Superset to Elestio

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

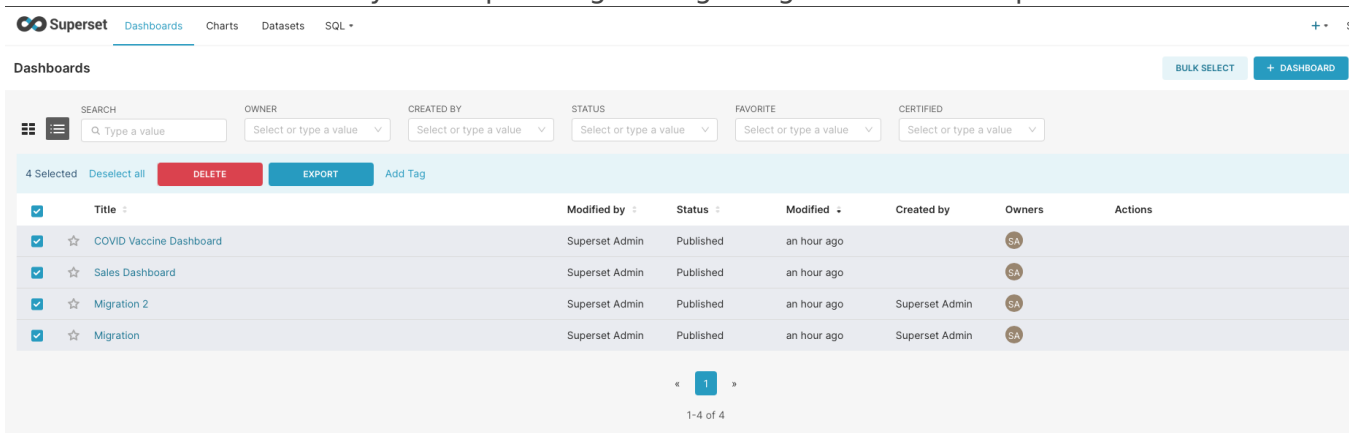
This document provides a step-by-step guide for migrating your existing Superset pipelines to Elestio. Elestio is designed to enhance performance, scalability, and overall system efficiency. Before you begin the migration process, make sure to check the pre-requisites

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 are filters for SEARCH, OWNER, CREATED BY, STATUS, FAVORITE, and CERTIFIED. A table lists four dashboards: COVID Vaccine Dashboard, Sales Dashboard, Migration 2, and Migration. Each row has a checkbox for selection, a star icon, and columns for Modified by, Status, Modified, Created by, Owners, and Actions. The '4 Selected' status is shown at the top left of the table. A 'BULK SELECT' button and a '+ DASHBOARD' button are at the top right. At the bottom, there is a pagination bar 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

+

Se

Charts

BULK SELECT

+ CHART

SEARCH

Q. 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

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

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

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

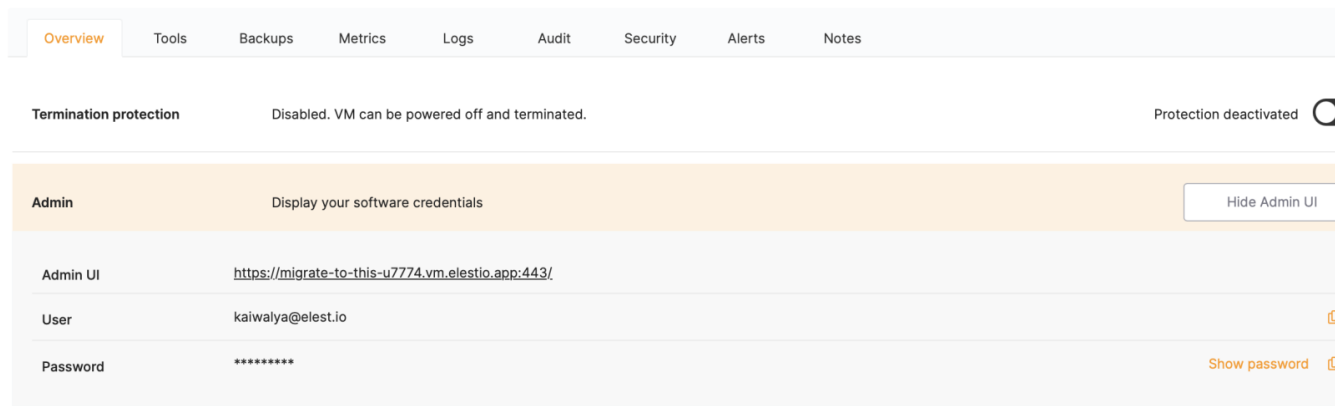
Support Level1

Estimated Monthly Price*
\$10

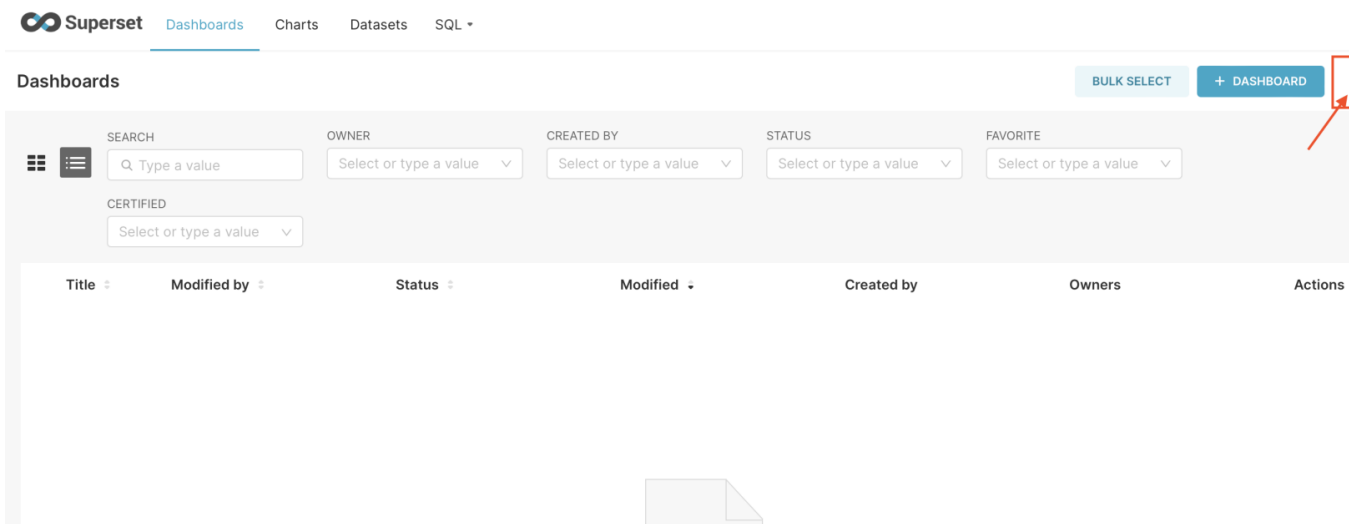
*Estimated monthly price is based 730 hours of usage.
Create Service

Copy Terraform Config

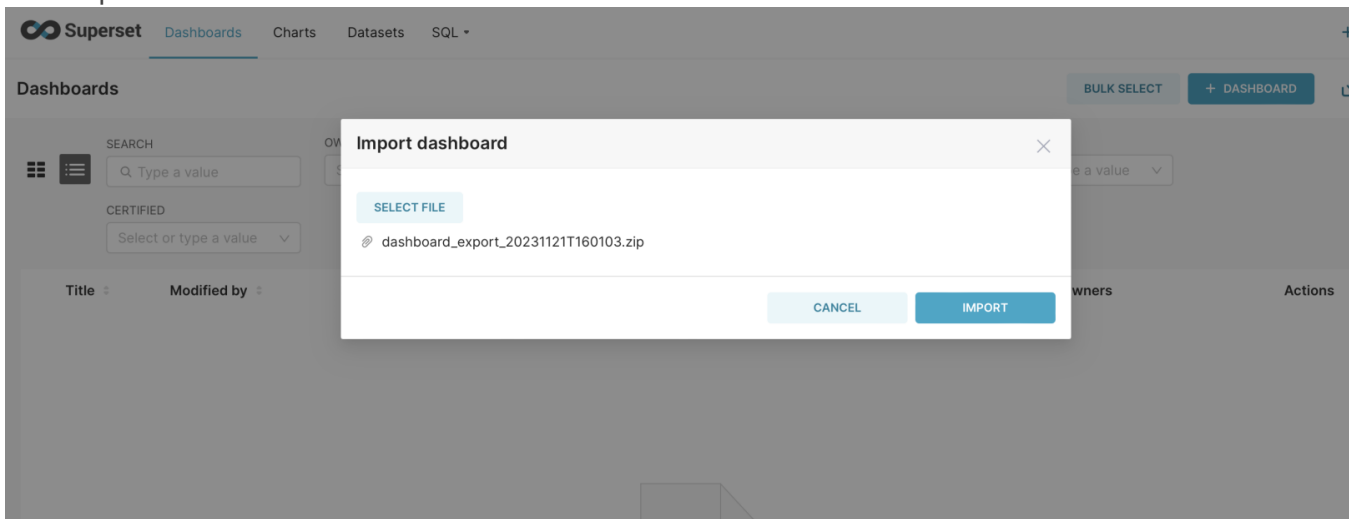
5. Once deployed, head over to the service details and use the credentials provided under "Admin UI" to access the Superset dashboard.



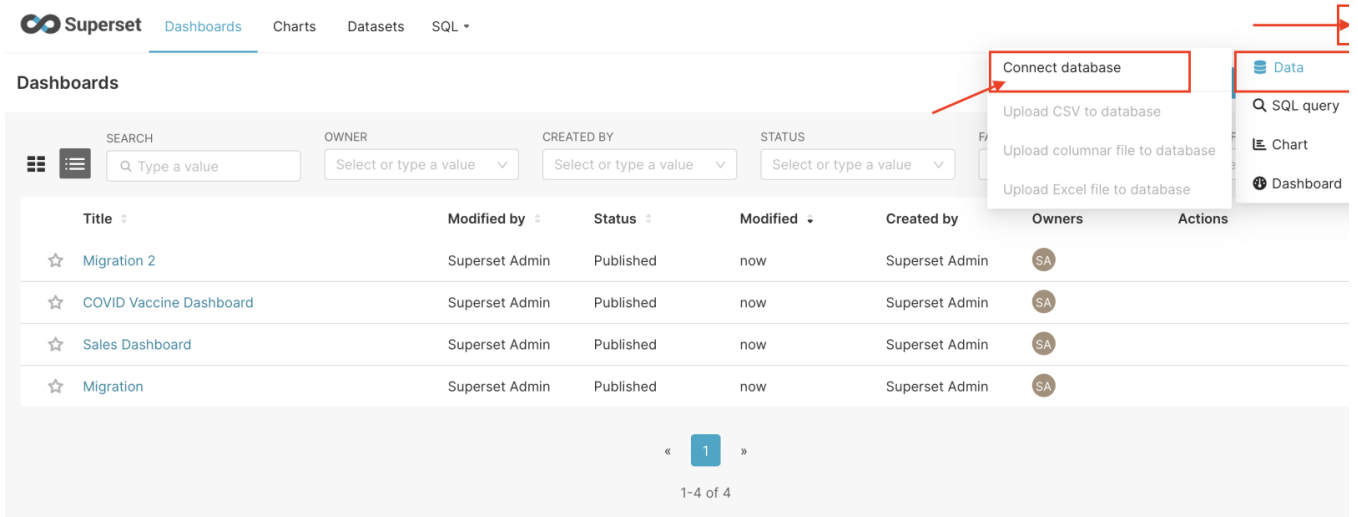
6. Once logged in, head over to the dashboard tab and click on the import button as shown in the image



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



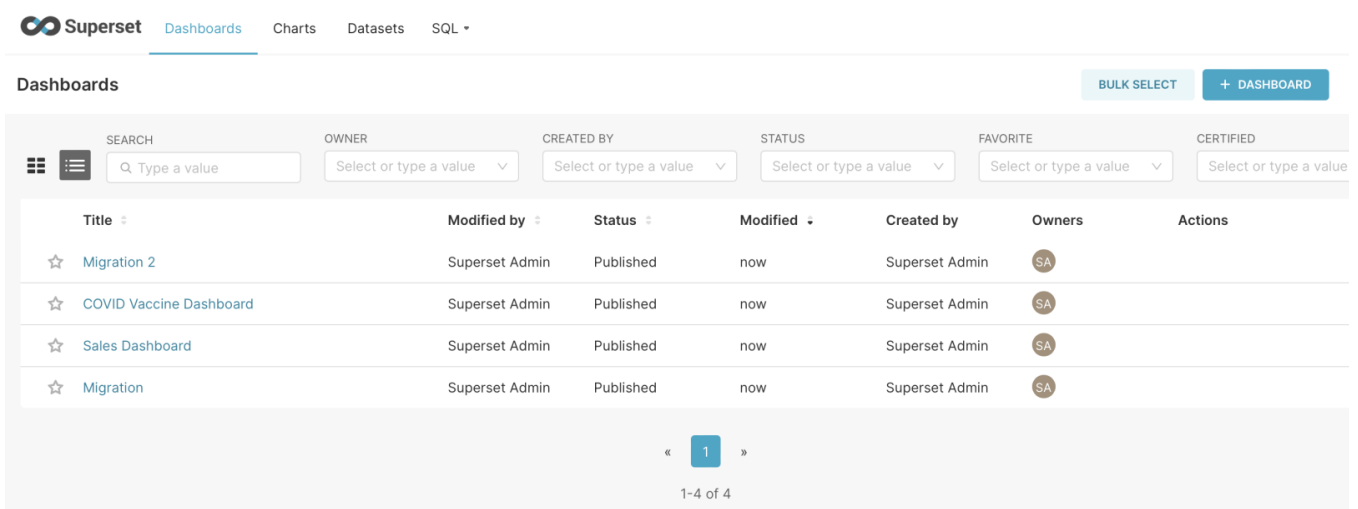
8. Additionally, you can add and configure your databases from the settings shown in the image below



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 #4

Created 21 November 2023 16:27:39 by kaiwalya

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