

# Pipelines migration, move pipelines between CI/CD targets safely

In several situations, you might want to move a deployed CI/CD pipeline from one target to another one. On Elestio, you can safely move a pipeline between targets even if the pipeline contains data.

Let's consider a few situations:


- Your CI/CD target is overloaded (too much CPU/RAM usage)
- You want to move a workload from one location to another
- Your CI/CD target is down

In all those situations you will want to move some or all of your pipelines to another CI/CD target (new or existing one).

## Move a CI/CD Pipeline to another CI/CD Target

1) From the Elestio dashboard, click on CI/CD in the left menu then click on your pipeline to open the overview.

← Back to target

 **redis (cicd-zqktl)**

CI/CD Deployed Success

> Open terminal Delete Pipeline

Details

Tools

Backups

Build & Deploy

History

Domain Management

Termination protection Disabled. Pipeline can be terminated. Protection deactivated ☐

Pipeline Details

CNAME: **redis-u76.vm.appdrag.net**

Deployment method: Docker Compose

Credentials

Display your auth credentials

Display credentials

Website

Show

View Instructions

View Instructions from README

View Instructions

Manage Stack

View running logs

Restart Stack

Stop Stack

Move Pipeline

Move pipeline to new and existing target

Move Pipeline

2) Click on the **Move Pipeline** button

Move Pipeline

×

Choose Deployment Target

New Infrastructure

Existing Infrastructure

You are about to move the pipeline **redis** to new infrastructure , please press continue to select the service provider, cloud Region, and service plan.

Cancel

Continue

From there you can indicate if you want to move your pipeline to new infrastructure or existing infrastructure.

If you select Existing infrastructure you have to select in the list the existing CI/CD target, for a new infrastructure you will have to indicate the Provider / Region / VM Size to create.

Move CI/CD pipeline



1 . Select Service Cloud Provider

2 . Select Service Cloud Region

EuropeNorth America

fsn1  
Germany - Falkenstein

hel1  
Finlande - Helsinki

nbg1  
Germany - Nuremberg

3 . Select Service Plan

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

SMALL-2C-2G  
2 CPU 2 GB RAM 40 GB Storage 20 TB Bandwidth included

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

MEDIUM-3C-4G  
3 CPU 4 GB RAM 80 GB Storage 20 TB Bandwidth included

LARGE-2C-8G  
2 CPU 8 GB RAM 80 GB Storage 20 TB Bandwidth included

LARGE-4C-8G  
4 CPU 8 GB RAM 160 GB Storage 20 TB Bandwidth included

XLARGE-4C-16G  
4 CPU 16 GB RAM 160 GB Storage 20 TB Bandwidth included

XLARGE-8C-16G  
8 CPU 16 GB RAM 240 GB Storage 20 TB Bandwidth included

2XLARGE-8C-32G  
8 CPU 32 GB RAM 240 GB Storage 20 TB Bandwidth included

2XLARGE-16C-32G  
16 CPU 32 GB RAM 360 GB Storage 20 TB Bandwidth included

3XLARGE-16C-64G  
16 CPU 64 GB RAM 360 GB Storage 20 TB Bandwidth included

Provider  
Hetzner Cloud

Region  
Europe, Germany  
Falkenstein

Estimated Monthly Price\*  
\$20

\*Estimated monthly price is based on 730 hours of usage.

Move CI/CD pipeline

Moving a pipeline to an existing CI/CD target is FREE.

When you move a pipeline we are automating those operations:

1. Do a fresh backup of your data on S3 (Backups must be activated before moving your pipeline)
2. Shutting down the app stack of the pipeline.
3. (New infrastructure only): Deploying a new VM that will be used as the new CI/CD target
4. Deploy the pipeline (from source or from docker registry) on the new target
5. Restore the latest backup we took at step one from S3
6. Check if the pipeline is running correctly on the new target, if not cancel the operation and send a warning email
7. Change the DNS entry to point to the new target IP address
8. Send a confirmation email when the pipeline is restored and ready

The whole process usually takes less than 3 minutes, but it can last longer if there is a lot of data to back up/restore.

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Revision #6

Created 30 July 2022 18:00:28 by Joseph Benguira

Updated 7 November 2022 12:39:54 by Amit