

# Clone CI/CD pipeline

When distributing your project pipeline across the Production, Staging, and Test environments, you might want to copy a deployed CI/CD pipeline from one target to another or the same target.

When using Elestio, you can safely clone a pipeline between identical, new, or existing targets even if it contains data.

## To clone a CI/CD Pipeline, follow these steps:

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

The screenshot displays the Elestio dashboard for a pipeline named "static (cicd-ndmxa)". At the top, there is a navigation bar with a "CI/CD" tab, a "Deployed" status indicator, and a "Success" indicator. On the right, there are buttons for "Open terminal" and "Delete Pipeline". Below the navigation bar, there is a tabbed interface with "Details" selected. The "Details" tab shows the following information:

- Termination protection:** Disabled. Pipeline can be terminated. Protection deactivated (toggle switch).
- Pipeline Details:**
  - CNAME: [static-u76.vm.appdrag.net](https://static-u76.vm.appdrag.net)
  - Deployment method: Github
  - Runtime: Static website
  - Framework: No Framework
  - Branch name: main
  - Repo url: <https://github.com/elestio-examples/static>
- 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](#)
- Clone Pipeline:** Clone pipeline to new and existing target. [Clone Pipeline](#)

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

## Clone Pipeline



### Choose Deployment Target

Deploy on a new VM

Deploy on existing VM

You are about to clone the pipeline **static** to new VM , please press continue to select the service provider, cloud Region, and service plan.

Cancel

Continue

You can then identify whether you want to clone your pipeline to the same, new, or existing infrastructure or VM/target.

If you choose to *Deploy on an existing VM*, you must select the existing CI/CD target from the list; if you choose to *Deploy on a new VM*, you must specify the Provider / Region / VM Size to create; and if you want to clone on the same VM, choose to *Deploy on an existing VM* and select the same target name from the targets dropdown.

When cloning a pipeline for all VMs (same, new, or existing), make sure the new pipeline name differs from the source pipeline name.

## Clone CI/CD pipeline



### Configure your static1 Project

Define your project build and run

Project Name

static1

Branch

main

Runtime

Static Website

Framework

No Framework

Root Directory

/

Build and Output Setting



Life cycle scripts (optional)



Environment variables



Exposed Ports



Reverse proxy configuration



Do you want to copy the pipeline data to the new target?



S3 backups are disabled. If you want to be able to restore or move the pipeline data, please enable s3 backups BEFORE moving this pipeline.



Provider  
Hetzner Cloud

Region  
Europe, Germany  
Falkenstein

Estimated Monthly Price\*  
**\$0**

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

Clone CI/CD pipeline

Cloning a pipeline to another existing or identical CI/CD target is completely free.

When you clone a pipeline we are automating those operations:

1. Do a fresh backup of your data on S3 (Backups must be activated before cloning your pipeline) if you choose to copy the data.
2. (New VM only): Deploying a new VM that will be used as the new CI/CD target
3. Deploy the pipeline (from source or from docker registry) on the target
4. Restore the latest backup we took at step one from S3
5. Check if the pipeline is running correctly on the new target, if not cancel the operation and send a warning email
6. Send a confirmation email when the pipeline is cloned and ready

The whole process usually takes less than 3 minutes, but it can last longer in some cases.

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