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.

static (cicd-ndmxa	a) yed 🕢 Success			≻_ Open termina	l 👕 Delete Pipeline
Details Tools	Backups Build & Deploy	History Domain Management			
Termination protection	Disabled. Pipeline can b	e terminated.		Pri	otection deactivated
Pipeline Details	CNAME: Deployment method: Runtime: Framework: Branch name: Repo url:	static-u76.vm.appdrag.net Github Static website No Framework main https://github.com/elestio-example	rs/static		
View Instructions	View Instructions from F	README			View Instructions
Manage Stack			View running logs	Restart Stack	Stop Stack
Move Pipeline	Move pipeline to new an	d existing target			Move Pipeline
Clone Pipeline	Clone pipeline to new ar	nd existing target			Clone Pipeline

2) Click on the Clone Pipeline button

Clone Pipeline

Choose Deployment Target



Deploy on existing VM

You are about to clone the pipeline ${\it static}$ to new VM , please press continue to select the service provider, cloud Region, and service plan.



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.

	Static	
onfigure your static1 Project		Provider
Define your project build and run		Hetzner Cloud
roject Name	Branch	Region Europe, Germany
static1	main	∽ Falkenstein
untime		\$0
Static Website		 *Estimated monthly price is base 730 hours of usage.
ramework	Root Directory	Clone CI/CD pipeline
No Framework	✓	
Build and Output Setting		+
Life cycle scripts (optional)		+
Environment variables		+
Exposed Ports		+
Reverse proxy configuration		+
o you want to copy the pipeline data to the new target?		
S3 backups are disabled. If you want to be able to this pipeline.	p restore or move the pipeline data, please enable s3	backups BEFORE moving

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

When you clone a pipeline we are automating those operations:

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- 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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