Vercel CLI Deploy from the terminal

START HERE

`vercel` **`login`**
Sign in

`vercel` **`env pull`**
Get env vars locally

`vercel` **`link`**
Tie folder to a project

`vercel` **`dev`**
Run locally

`vercel`
Deploy a preview

`vercel` **`logs`**
Read runtime logs

`vercel` **`--prod`**
Deploy to production

`vercel` **`rollback`**
Undo a bad release

Local folder .vercel link → `vercel` → **Preview** unique URL → `vercel promote` → **Production** live domains → `vercel rollback` → **Earlier deployment** previous build

CONCEPTS

A plain vercel is a preview deploy; only --prod (or the first deploy of a project) goes to production.

In CI, authenticate with the VERCEL_TOKEN environment variable rather than --token so it stays out of process lists.

stdout of a deploy is always the deployment URL, so vercel > url.txt works in scripts.

SETUP

`npm i -g vercel`
Install the CLI

`vercel` **`login`**
Sign in to your account

`vercel` **`link`**
Link folder to a Vercel project
Writes .vercel/; commit neither it nor its contents.

`vercel` **`whoami`**
Show the signed-in user

`vercel` **`switch`** *<team>*
Change active team scope

`vercel` **`--version`**
Show CLI version

`vercel` **`upgrade`**
Update the CLI

`vercel` **`logout`**
Sign out

DEPLOY

`vercel`
Deploy a preview
Prints the deployment URL on stdout.

`vercel` **`--prod`**
Deploy to production

`vercel` **`deploy --prebuilt`**
Deploy output of vercel build
System env vars are missing at build time with --prebuilt.

`vercel` **`build`**
Build locally into .vercel/output

`vercel` **`--force`**
Deploy without the build cache

`vercel` **`--prod --skip-domain`**
Deploy prod, keep domains on old one
Finish later with vercel promote.

`vercel` **`--logs`**
Print build logs while deploying

DEPLOY (cont.)

`vercel` **`--yes`**
Skip project setup questions

`vercel` **`--no-wait`**
Exit before the build finishes

`vercel` **`--env`** *<KEY>=<value>*
Set a runtime env var

`vercel` **`--build-env`** *<KEY>=<value>*
Set a build-time env var

`vercel` **`--target=`***<env>*
Deploy to a custom environment

`vercel` **`--archive=tgz`**
Upload as archive (many files)

`vercel` **`redeploy`** *<url>*
Rebuild an existing deployment

LOCAL & ENV

`vercel` **`dev`**
Run the project locally

`vercel` **`dev --port`** *<port>*
Run on a given port

`vercel` **`pull`**
Fetch env vars and settings to .vercel/
Needed before vercel build or vercel dev.

`vercel` **`env ls`**
List environment variables

`vercel` **`env add`** *<name> <environment>*
Add an env var
Production and Preview values default to secret type.

`vercel` **`env update`** *<name> <environment>*
Change an env var's value

`vercel` **`env rm`** *<name> <environment>*
Remove an env var

`vercel` **`env pull`** *<file>*
Write dev vars to a file
Merges into an existing file; local-only keys are kept.

`vercel` **`env pull --environment=preview`**
Pull Preview variables instead

`vercel` **`env run --`** *<command>*
Run a command with the env vars
No file is written; use -e to pick the environment.

`vercel` **`env add`** *<name> <environment> < <file>*
Use file content as the value

INSPECT & LOGS

`vercel` **`list`**
Recent deployments

`vercel` **`inspect`** *<url>*
Show deployment details

`vercel` **`inspect`** *<url>* **`--logs`**
Show its build logs

`vercel` **`inspect`** *<url>* **`--wait`**
Wait until it is ready
Exits 124 if the wait times out.

`vercel` **`logs`**
Runtime logs, last 30 minutes

`vercel` **`logs --since`** *<duration>*
Widen the time window

`vercel` **`logs --deployment`** *<url>*
Logs of one deployment

`vercel` **`logs --query`** *'<kql>'*
Filter with a KQL query
Example: 'level:error AND timeout'.

`vercel` **`logs requests`**
CDN request records

`vercel` **`logs --json`**
One JSON object per line

`vercel` **`open`**
Open project in dashboard

RELEASE

`vercel` **`promote`** *<url>*
Make a deployment the current one

`vercel` **`promote status`**
Show promote progress

`vercel` **`rollback`**
Return production to prior deployment

`vercel` **`rollback`** *<url>*
Roll back to a specific deployment

`vercel` **`rollback status`**
Show rollback progress

`vercel` **`remove`** *<url>*
Delete a deployment

`vercel` **`bisect`**
Binary-search deployments for a bug

DOMAINS

`vercel` **`domains ls`**
List domains

`vercel` **`domains add`** *<domain> <project>*
Add a domain to a project

DOMAINS (cont.)

`vercel` **`domains rm`** *<domain>*
Remove a domain

`vercel` **`alias set`** *<url> <domain>*
Point a domain at a deployment

`vercel` **`alias ls`**
List aliases

`vercel` **`alias rm`** *<domain>*
Remove an alias

`vercel` **`dns ls`** *<domain>*
List DNS records

`vercel` **`dns add`** *<domain> <name> <type> <value>*
Add a DNS record

`vercel` **`certs ls`**
List certificates

OPTIONS

`--cwd` *<dir>*
Run against another directory

`--scope` *<team>*
Run as another team

`--token` *<token>*
Authenticate with a token

`--project` *<name>*
Choose the project

`--non-interactive`
Never prompt (CI, scripts)

`--debug`
Verbose output

Exit codes

Code	Meaning
0	success or help
1	operation failed
2	usage error

RECIPES

First deploy of a project

```
npm i -g vercel
vercel login
vercel link
vercel env pull
vercel --prod
```

CI deploy with a token

```
export VERCEL_TOKEN=<token>
vercel pull --yes --
environment=production
vercel build --prod
vercel deploy --prebuilt --prod
```

Stage, check, then promote

```
vercel --prod --skip-domain
vercel inspect <url> --logs
vercel promote <url>
```

Alias a preview deployment

```
vercel > url.txt
vercel alias set $(cat url.txt)
preview.example.com
```