

c1.1 — What EasyEngine CLI is (and why it's worth switching) ☐☐

What EasyEngine CLI does

EasyEngine (`ee`) is a **server-side CLI** that helps you **provision and operate WordPress and other web stacks** using **containers** (commonly Docker-based). Instead of clicking around in a shared-hosting control panel, you manage sites with **repeatable commands**, which makes your workflow:

1. **Faster**
 - Create, update, and operate sites in seconds/minutes.
2. **More consistent**
 - The same commands produce the same setup every time (great for staging/prod parity).
3. **More operationally powerful**
 - You get direct access to services like **Nginx, PHP, DB, Redis**, and the ability to automate routines (backups, cron, cache clears, etc.).

How it “thinks”: sites as managed units

With EasyEngine, a **site** (like `example.com`) becomes a **managed unit** you can operate with subcommands such as:

1. **Lifecycle**
 - Create, enable/disable, update, delete
2. **Operations**
 - Reload/restart services, clear caches (`ee site clean`)
3. **Access**
 - Shell into the site's containers (`ee shell`)
4. **Publishing & sharing**
 - Temporarily expose a local/secured site via a share link (`ee site share`) ☐☐

5. Scheduling

- Manage cron jobs with `ee cron`

This aligns strongly with real DevOps-style workflows: **declare intent** → **run command** → **verify state**.

What changes vs shared hosting (the practical mindset shift)

You're moving from “**panel-driven hosting**” to “**infrastructure you control**”:

1. You manage the server

- Updates, firewall, SSH keys, resources, backups become *your* responsibility.

2. You gain performance & control

- Tuning PHP/Nginx, adding Redis, isolating sites, debugging via logs/shell access.

3. You automate more

- Commands are scriptable; cron becomes explicit; troubleshooting becomes faster.
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Core tools you'll use daily (from your excerpt)

Here's how the parts in your provided docs fit together:

1. `ee site ...`

- Day-to-day site operations
- Examples from excerpt:
 - `ee site clean` → clears page/object cache
 - `ee site share` → share a site via an online link (with `--refresh`, `--disable`, `--token=...`)

2. `ee shell ...`

- Your “daily driver” to run WP-CLI, inspect configs, read logs inside the right container context

3. `ee cron ...`

- Create/list/update/delete/run scheduled tasks cleanly
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Outcomes you can expect after this course ☐

By the time you complete the chapters, you should be able to:

1. Provision WordPress sites confidently (including PHP/DB choices)
 2. Operate and debug sites via `ee shell`
 3. Manage caching and routine maintenance (`ee site clean`, reload/restart)
 4. Create reliable scheduled tasks with `ee cron`
 5. Use share links safely and intentionally (`ee site share`)
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Next: pick c1.2 or tell me your goal ☐☐

If you want a natural continuation, I suggest:

1. **c1.2 — Installation & prerequisites** (server requirements, Docker, DNS, ports, safety basics), or
 2. **c2.4 — Create a WordPress site end-to-end** (fastest path to “I’m productive”), or
 3. Tell me: *Do you plan to run one server for multiple client sites, or one server per project?*
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