

# Why self-host Git

Git is distributed, but teams still need a central place to push to, open pull requests, and trigger automation. You could use a SaaS forge — or you could run your own. This lab runs **Gitea** (`GIT-Server`, `10.100.100.2`), a lightweight open-source Git forge.

The reasons fit the lab's goals:

- **It's the hub of the platform.** Code, CI workflows, and (with Gitea Actions) the build pipeline all live here. Owning it keeps the whole software-delivery loop inside one network.
- **It's light.** Gitea is a single Go binary with a small database — it runs comfortably in a tiny VM, unlike heavier forges.
- **It teaches the whole shape** of a forge — repos, users, tokens, webhooks, CI — without a SaaS hiding the moving parts.

“ **Why we use this:** self-hosting the forge is what makes the rest of the platform a closed loop you can explain end to end: push here, build on your runner, store in your registry, deploy to your cluster. No step leaves the building.

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Revision #1

Created 2026-04-26 01:42:02 UTC by Eslam Shapsough

Updated 2026-04-26 01:51:02 UTC by Eslam Shapsough