



Past, present, and future plans

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OpenTofu | Spacelift



What is OpenTofu / Terraform?

```
provider "github" {  
  owner = "wojciech12"  
}  
  
resource "github_repository" "my_repo" {  
  name          = "my_app"  
  description   = "My repository created by OpenTofu!"  
  
  visibility = "public"  
}
```

Beginnings

- ✦ Terraform changed to the BUSL license
- ✦ We believe that Terraform is **an ecosystem**
- ✦ [Manifesto](#)
- ✦ OpenTofu is a fully open-source fork under the Linux Foundation



Truly open-source

under a well-known and widely-accepted license that companies can trust, that won't suddenly change in the future, and isn't subject to the whims of a single vendor.



Community-driven

so that the community governs the project for the community, where pull requests are regularly reviewed and accepted on their merit.



Impartial

so that valuable features and fixes are accepted based on their value to the community, regardless of their impact on any particular vendor.



Layered and modular

with a programmer-friendly project structure to encourage building on top, enabling a new vibrant ecosystem of tools and integrations.



Backwards-compatible

so that the existing code can drive value for years to come.

The Road so Far

August

- **10:** Terraform announces license change
- **11:** Founders of several projects related to Terraform gather
- **14:** OpenTF Manifesto published
- **18:** Open letter ask for an official response from HashiCorp
- **19:** Engineering team assembles
 - Adapting names and documentation
 - Stabilizing
 - Testing feature
- **24:** HashiCorp changes Terraform Registry ToS
 - Interim registry design and long term RFCs
- **28:** Over 9K stars GitHub

The Road so Far

- September:
- 1: **Finalizing terms of handing over project to Linux Foundation**
 - 5: GitHub repository goes public
 - 6: New name discussion on GitHub
 - 📦 **Tofu** seems to quickly becoming a crowd favorite
 - 9: Over 5K GitHub stars for new repo (**over 35K for manifesto**)
 - 12: Linux Foundation confirms **OpenTofu** name
 - 20: **OpenTofu officially launches as a Linux Foundation project**
 - 29: The OpenTofu core team started [weekly updates](#)

The Road so Far



October

- 4: **OpenTofu 1.6.0-alpha1 with the first Alpha registry release**
- 5: **OpenTofu 1.6.0-alpha2** and our first contribution to [hashicorp/hcl](https://github.com/hashicorp/hcl)
- 11: The first office hour — [announcement](#)

Next Steps - this quarter

1. Stable release ([tracker](#)):
 - Top priority the stable provider/module registry
 - OpenTofu basically waits for the registry
2. Public Roadmap

Next Steps - after stable

3. Start accepting the external contributions and RFCs.
The technical committee will steer the decisions.

Official Registry - context

- What is the Registry?
 - Storage for providers and modules
 - Discoverability and Documentation
 - Signing-key storage
- Terms of Service change → Can't use it with OpenTofu anymore
- The registry is mostly a GitHub redirector

Official Registry

OpenTofu Alpha release:

- [github/opentofu/registry](https://github.com/opentofu/registry)
- Custom solution is mostly a GitHub redirector
- Actively used since the 4th October ([stats](#))

Stable:

- Discussing with other members of the community (see OpenTofu slack)
- **Now:** proposals for design in form of RFCs

OpenTofu towards 1.6.0

- Testing feature:
 - Polished
 - Wrote more tests and fixed bugs
 - Finished
- New S3 backend
 - In progress

Feature Development Process

- Public RFC process
 - Discussion **in the open**
 - Final call by the steering committee
- Concrete ideas
 - State Encryption
 - Support for OCI registries
- Actual roadmap coming eventually

How to get involved

- 🟡 OpenTofu slack - opentofu.org/slack
- 🟡 Weekly updates – [github](#)
- 🟡 OpenTofu First Releases: 1.6.0-alpha[1|2] – [github](#)
- 🟡 [Contributing Guide](#)
- 🟡 Linux foundation required [DCO](#)
- 🟡 First Stable Release Github Milestone – [github](#)
- 🟡 Github Action PR – [github](#)
- 🟡 Release Download stats – [report](#)



Q&A

Slides: <https://github.com/wojciech12/talks>