KubeCon CloudNativeCon North America 2026

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# Atlantis: What's New in IaC Orchestration

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# What is Atlantis and what can it do for you?



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GitOps application for automating Terraform/OpenTofu via pull requests. Single binary what you deploy.

listens for VCS webhooks or API calls about pull requests for repositories containing Terraform code.

When you want to apply, comment atlantis apply on the pull request and Atlantis will run terraform apply and comment back with the output.







atlantisbot commented

Ran Plan in dir: `.` workspace: `default`

```
Refreshing Terraform state in-memory prior to plan...
The refreshed state will be used to calculate this plan, but will not be
persisted to local or remote state storage.


------------------------------------------------------------------------

An execution plan has been generated and is shown below.
Resource actions are indicated with the following symbols:
  + create

Terraform will perform the following actions:

+ null_resource.demo
      id: <computed>
Plan: 1 to add, 0 to change, 0 to destroy.
```

- To **apply** this plan, comment:
  - `atlantis apply -d .`
- To **delete** this plan click here
- To **plan** this project again, comment:
  - `atlantis plan -d .`

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- To **apply** all unapplied plans, comment:
  - `atlantis apply`

Atlantis is similar to offerings like Env0, Spacelift Terraform Cloud, Scalr but you need to deploy it yourself.

We have a helm chart, GCP module and offer Debian and Alpine base images.

Atlantis is one of first GitOps workflow runner for terraform.





# What's new in Atlantis



First-class OpenTofu: .tofu files and version detection (v0.46)

Drift detection and remediation API, alpha (v0.45 → v0.49)

S3 plan storage, contributed by the community (v0.47)

Redis Cluster for locking (v0.44)

No bundled Terraform or OpenTofu in our images (v0.49)

# Security



15 security advisories published in 2026

12 fixed in v0.49.0, one of them critical

Path traversal and symlink escapes

Approval and apply-requirement bypasses

Plan integrity, clone URL validation, constant-time auth

# The road to 1.0



Feature lifecycle:

experimental → stable → deprecated → removed

--experiments flag to opt in to new features (next release)

At least 2 minor releases and 60 days of notice before removal

ADRs for big changes, versioned docs for every release

# Durable storage for HA



ADR 0005, proposed: one data model for repos, pull requests, projects, jobs

SQLite for single instance, PostgreSQL for shared deployments

Plans and job logs in a directory, S3, or the database

Locks move into the database: multi-instance becomes tested and supported

# Get involved



Bi-weekly community meetings, open to everyone

Review ADR 0005 (issue #7031) or propose your own ADR

Try the drift detection experiment and tell us what breaks

Start with the top-ranked issues tracker (#6608)

github.com/runatlantis/atlantis · runatlantis.io