

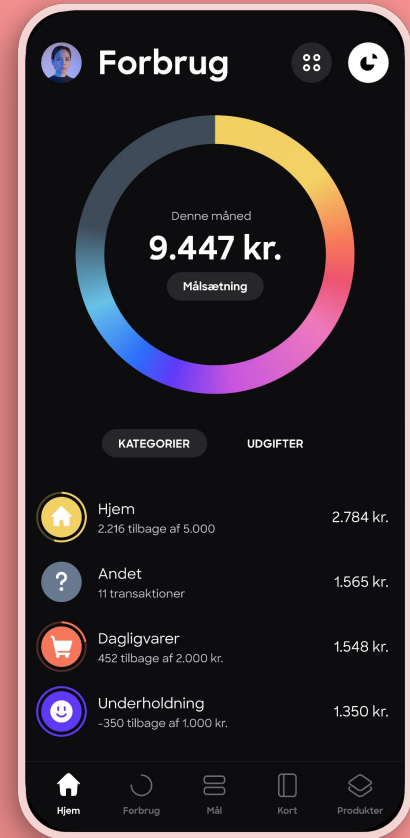
# ATLANTIS INFRASTRUCTURE BY PULL REQUESTS

First impressions on running terraform with Atlantis

**LUNAR<sup>®</sup>**

# AT LUNAR WE ARE

- A tech company
- A data driven company
- A bank
- A great place to start your career :)





CLOUD NATIVE  
NORDICS



NORDIC

MEETUP ALLIANCE

# ABOUT THE SPEAKER

**\$whoami**

Camilla Larsen

**Platform Engineer @ Lunar**



# THE PREMISE OF ATLANTIS

## What is Atlantis?

Atlantis is an open source terraform tool, that by pull requests runs terraform as “infrastructure as code” flows.



# WHAT DOES ATLANTIS SOLVE?

- Automation from gitops
- You get visibility of what the terraform code does
- PR approval
- Limit the “admin” credentials on a platform
- Traceability
- Terraform as code

# FEATURE LOCKING

## Locks your terraform code



atlantisbot commented 1 minute ago

Owner



**Plan Failed:** This project is currently locked by #1. The locking plan must be applied or discarded before future plans can execute.



atlantis

`lkysow/atlantis-example/.default` Locked

Repo Owner : lkysow

DISCARD PLAN & UNLOCK

Repo Name : atlantis-example

Pull Request Link :

<https://github.com/lkysow/atlantis-example/pull/2>

Locked By : lkysow

Workspace : default

# FEATURE AUTO ATLANTIS

- Autoplanning
- Automerge



atlantisbot commented 5 hours ago

Collaborator + 👤 ⋮

Automatically merging because all plans have been successfully applied.



atlantisbot merged commit `5cbd119` into `master` 5 hours ago

[View details](#)

[Revert](#)

1 check passed



# ATLANTIS DEMO

# PROS & CONS

# THE GOOD



**Easy to adopt**



**Enforces gitops**



**Policy checks - fail  
non allowed  
infrastructure**



**Configurable**



**Complete control  
over the run agent**

# THE BAD



**Security model**



**Locks takes time to figure out - and it sometimes just locks without reason**



**Single threaded - one change at a time**



**Not all gits are supported**



**Very dangerous to use on public repos**

**IMPRESSIONS**

**OUR ENTERPRISE  
SECURITY DOES  
NOT APPROVE -  
WHAT TO DO?**

# TERRAFORM TOOLS

There are paid alternatives to Atlantis

- Spacelift
- Terraform enterprise
- Env0

**QUESTIONS?**