 **ORY** / summit-22

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# Make Auth Great Again With Ory

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# About Me



Deniz Onur Duzgun  
Cloud Security @ Wise Systems

- Father of two wonderful 🐶
- Automation and simplicity lover
- Background:
  - Developer
  - Offensive security
  - DevSecOps

# Typical Authentication Mistakes



## Complicating It

Often not easily reusable  
and poorly documented



## Writing your own

Often results in bad  
design or the wrong spec



## Never the same

Everyone implements it in  
their own way - poorly



## Implementation

Challenging to make it  
fast, reliable and robust



## Vulnerability

One mistake opens up  
exploitable security  
flaws



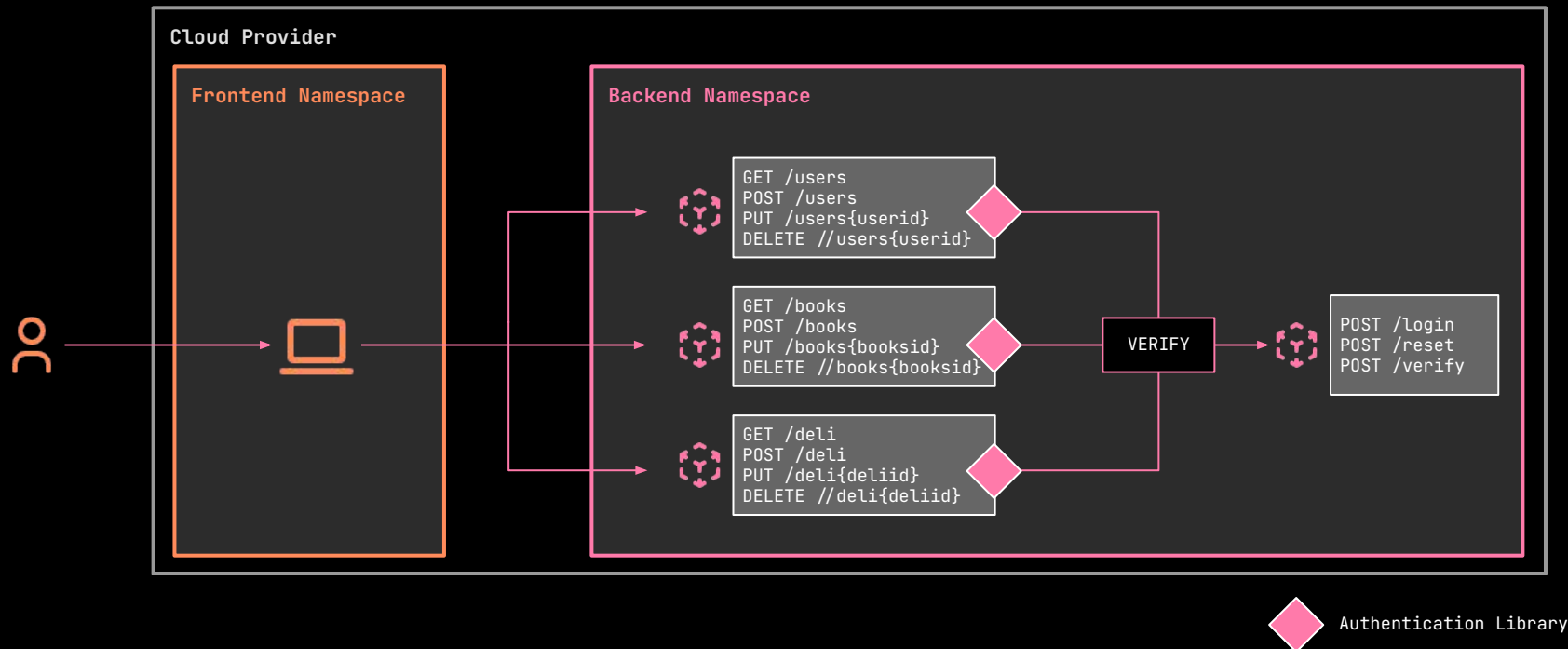
## Maintenance

Updating, versioning,  
consuming, deploying -  
have fun

# Agenda

- 01 **Typical Authentication Mistakes**
- 02 **Life without modern Authentication**
- 03 **Why is Ory different for Authentication?**
- 04 **Demo Time 🙄**
- 05 **Questions Time**

# Life without modern Authentication



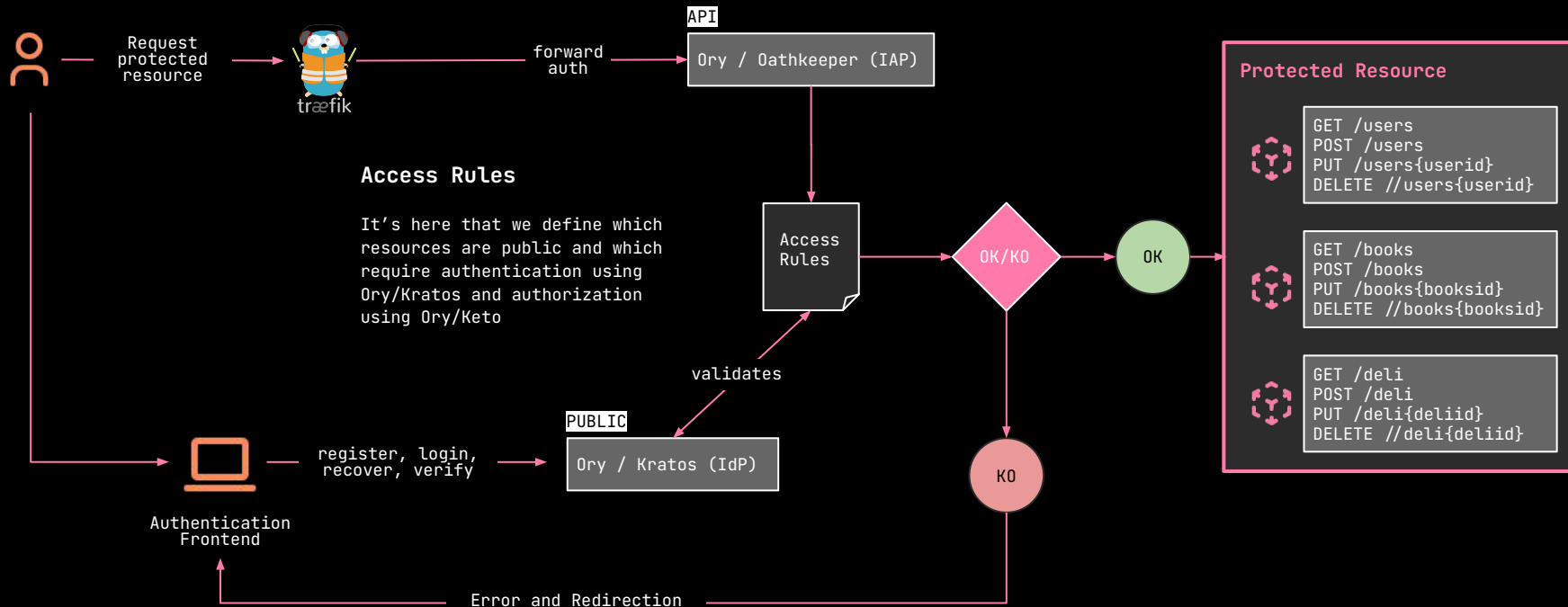
# The Outcome

- Service code gets heavy and complex
- Copy pasting authentication code can result in more mistakes
- Different versions of the authentication libraries are used
- Adds up latency to service calls
- A new version of the authentication services will impact other services
- Really risky, one mistake will result in big security issues

# The Security Outcome



# Why is Ory different for Authentication?





# How it looks like with Ory

## Challenge 1

### Find what you need

Ory offers **many projects**, be sure to select the ones that apply to you

## Challenge 2

### Find where to host

Depending on your business, you can use Ory Cloud or host it internally using the Helm charts.

## Challenge 3

### Start small

If at first, **you don't need OAuth2 (Ory Hydra)**, Ory Kratos and Oathkeeper are a good starting point.

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# Demo Time

<https://github.com/dduzgun-security/examples/tree/master/kratos-oathkeeper-traefik>



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# Question Time

# Thank you!

Contact me

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