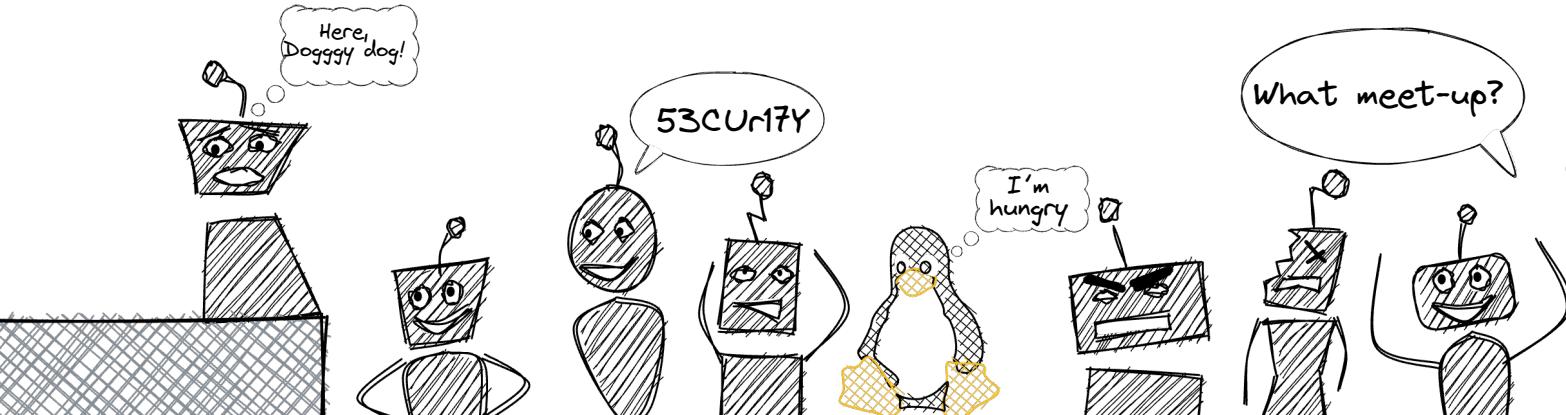




# Securing artifacts and building trust in your containers



Valentin Hristev  
Cloud Native Consultant and Trainer  
Orlin Vasilev  
Cloud Native Engineer

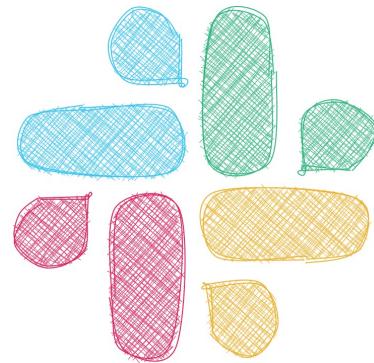
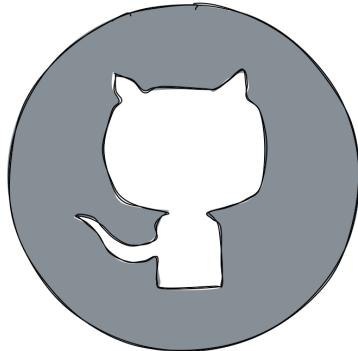
# rx-m

cloud native  
training &  
consulting





Graduated

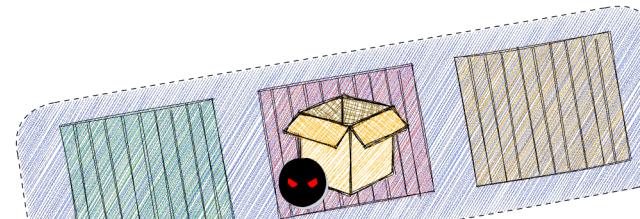


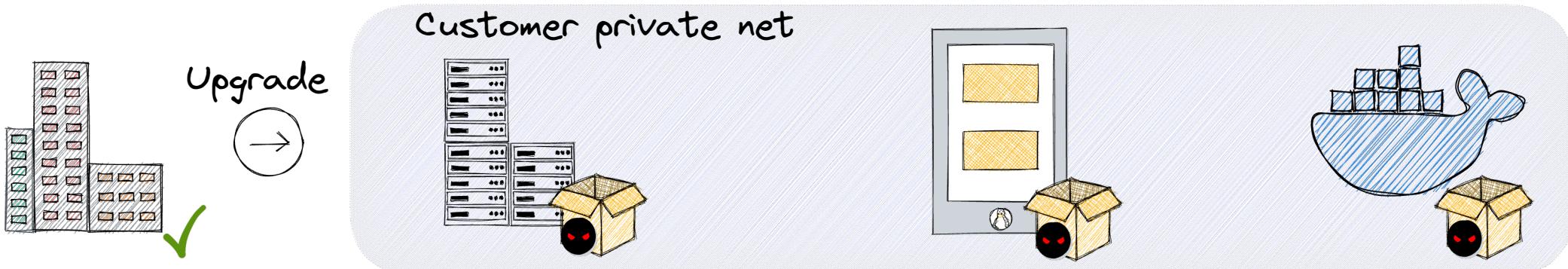
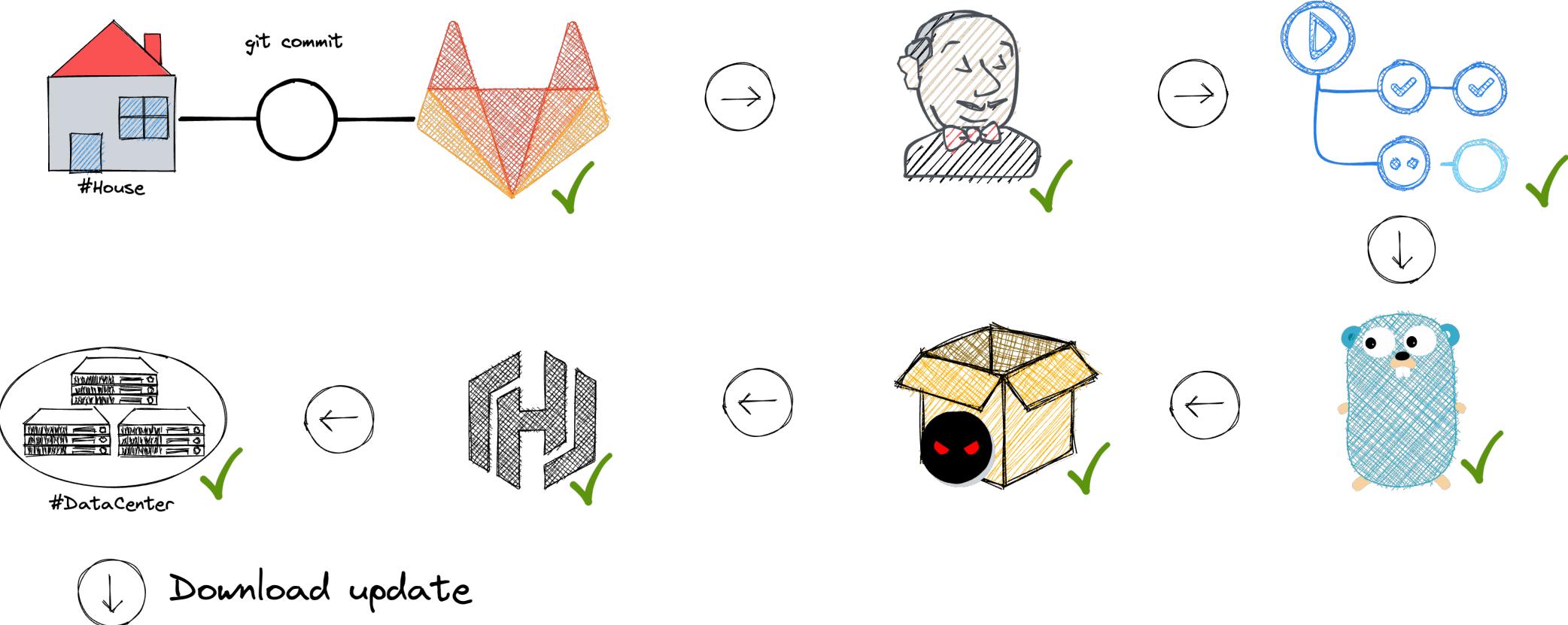
zoom



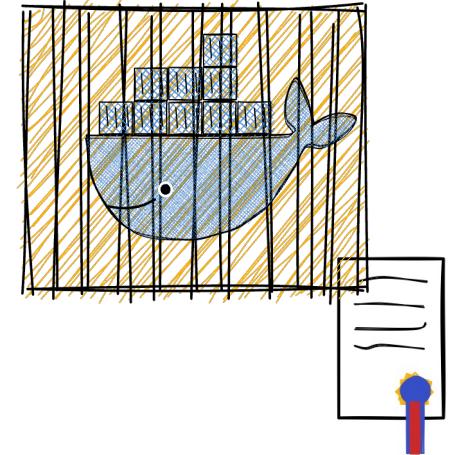


# Supply chain security

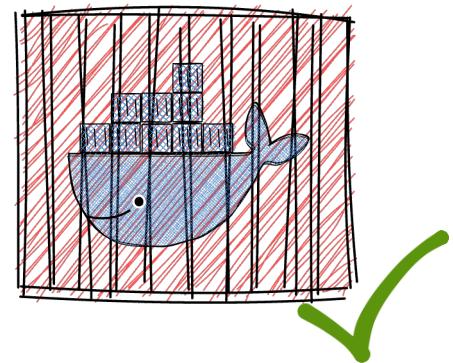




# Image signing



# Image scanning





Signing images  
but why Cosign ?



1.24: Signing all officially released **container images**

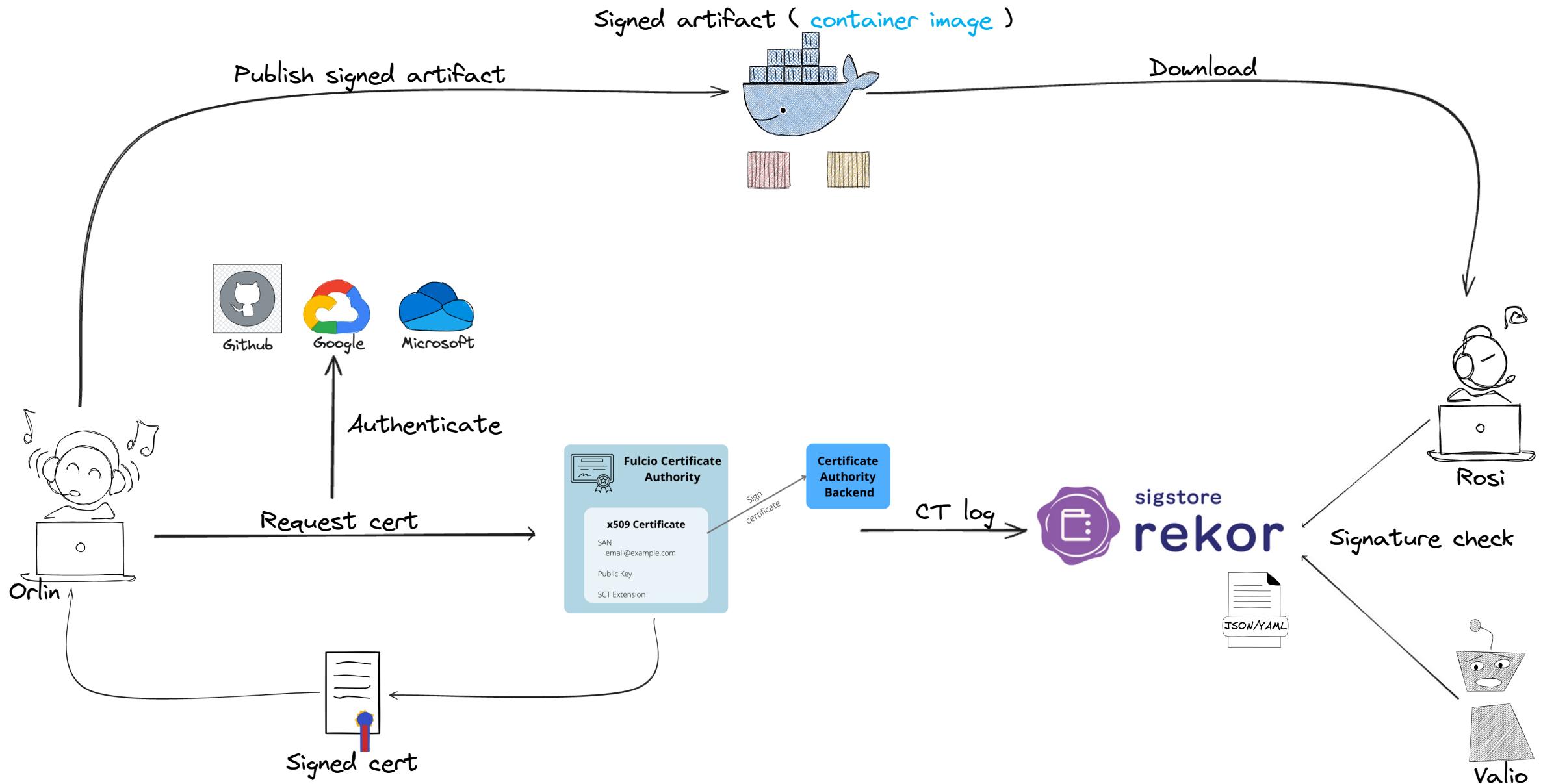
1.26: We're now signing our binary release **artifacts!**

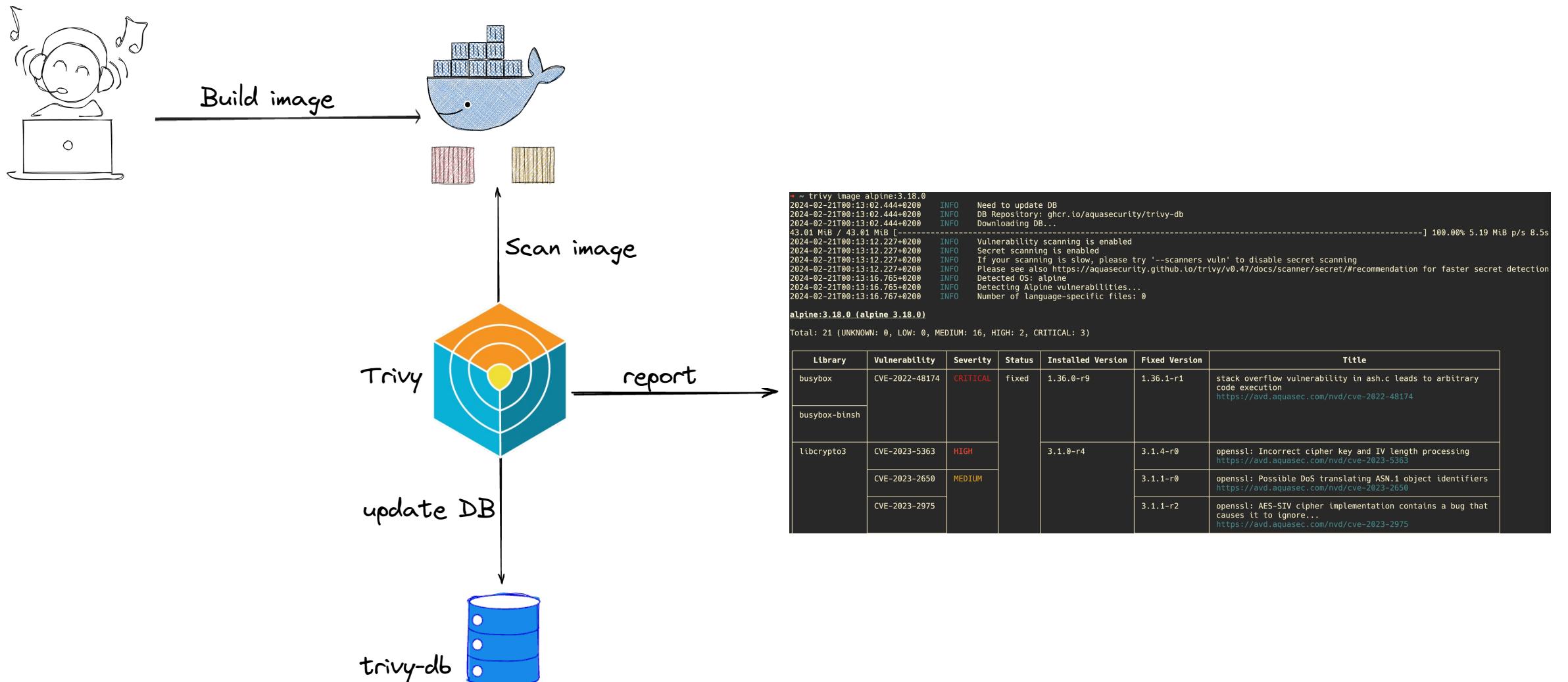
We're using



sigstore

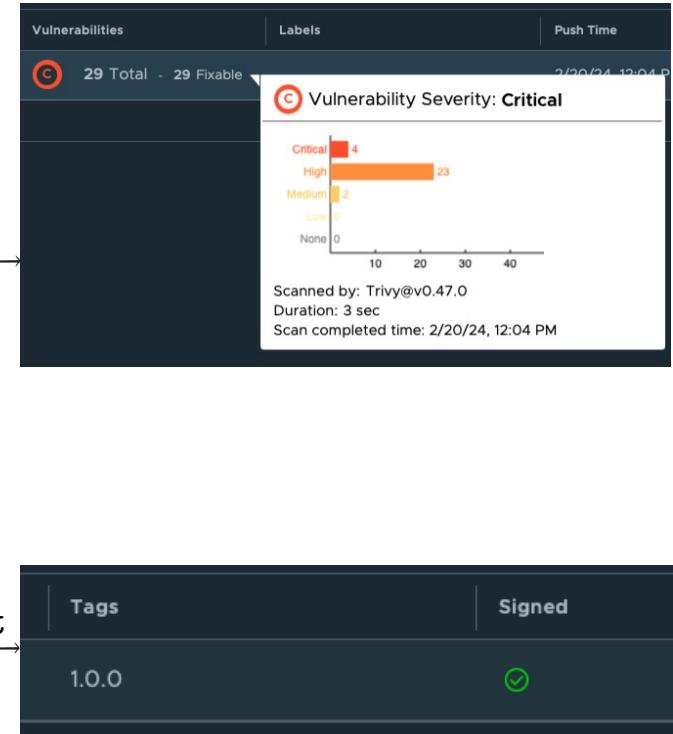
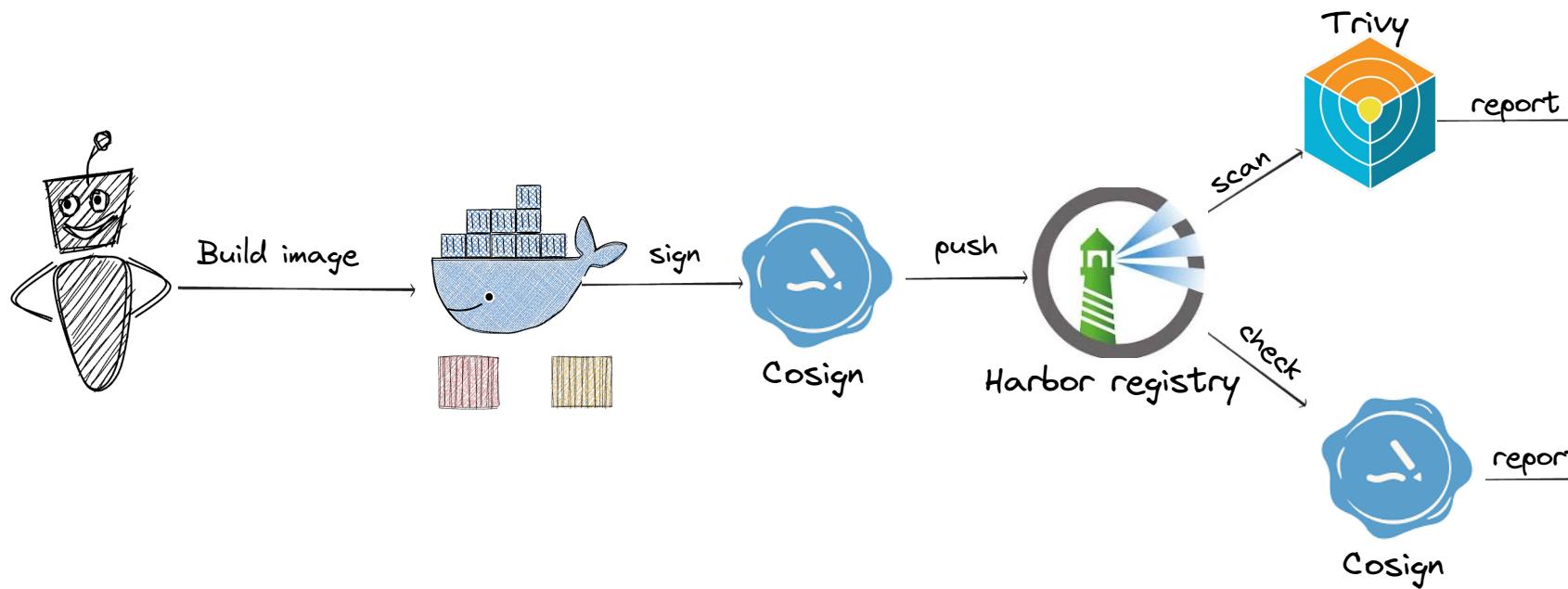
**cosign**





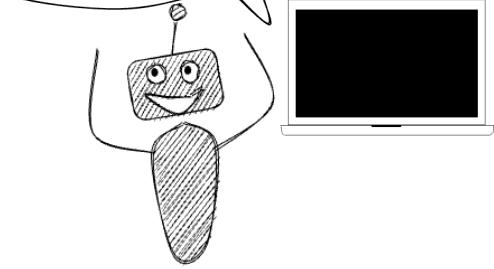
# Hands on





My story is a lot like  
yours, only more  
interesting 'cause it  
involves robots."  
--Bender

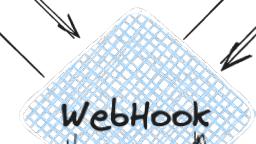
k run server --image=nginx



Conf validation  
**failed**



Who you are

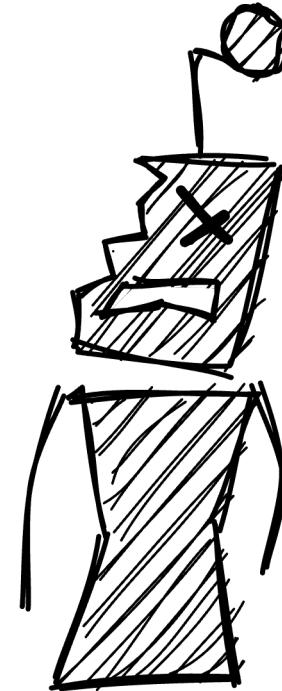


What you can do

It's not a job it's  
a passion

01001011 01100101 01100101 01110000 00100000  
01100010 01100101 00100000 01100011 01110101  
01110010 01101001 01110101 01110011 00100000 01111100  
00100000 01000011 01001110 01000011 01000110  
00100000 01001101 01100101 01100101 01110100 01110101  
01110000 00100000 01000010 01110101 01101100  
01100111 01100001 01110010 01101001 01100001  
00100000 01000110 01100101 01100010 00100000  
00110010 00110000 00110010 00110100

# Q&A



# Sources

RX-M

- Kubernetes 1.26: We're now signing our binary release artifacts!: <https://kubernetes.io/blog/2022/12/12/kubernetes-release-artifact-signing/>
- Sigstore: <http://sigstore.dev>
- Trivy: <https://trivy.dev>
- [Kubernetes Admission Controllers](#)
- Kyverno: <https://kyverno.io>
- Harbor: <https://goharbor.io>
- Github: [github.com/goharbor](https://github.com/goharbor)
- Slack: slack.cncf.io (#harbor and #harbor-dev)
- Twitter: [@project\\_harbor](#)
- By-weekly Community Meetings: <https://zoom.us/j/734959521>
- Email groups:
  - [lists.cncf.io/g/harbor-users](mailto:lists.cncf.io/g/harbor-users)
  - [lists.cncf.io/g/harbor-dev](mailto:lists.cncf.io/g/harbor-dev)



Harbor

