

# Keybase Overview



OWASP Chapter Meeting / CryptoParty  
January, 2018



# \$ whoami

## By Day

- Nate Sanders
- Information Security Engineer @ Indeed, Inc

## By Night

- Mauvehed
- Austin Hackers Anonymous (AHA!) Babysitter
- DEF CON Security Goon
- Troublemaker & Shenanigator
- <https://keybase.io/mauvehed>

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# In the beginning..

- Pretty Good Privacy (PGP) / Gnu Privacy Guard (GPG)
- Circles of Trust
- Signing Parties
- Public Key Servers



# The Challenges

- Client support for PGP/GPG (email)
- Maintain private keys across devices
- Complicated for beginners
- Key management a huge pain

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# What is Keybase?

- <http://keybase.io>
- Modernized simplification of PGP
- Key Directory
- Social Identity
  - This twitter account is mine
  - This domain belongs to me
  - This physical phone/laptop no longer belongs to me (revocation)



# What does Keybase offer?

- Public Identity Proofs
- Web Client
- Mobile Client
- Command Line Client
- Encrypted Chat
- Team Collaboration
- Encrypted Git Repositories
- File Sharing / Encrypted Filesystem

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# DEMO

Dear Demo Gods,

We pray to thee you may bless upon this holy demo the  
love and kindness we know you are capable of.

Otherwise I'm finding new gods to worship..



“ I was thinking of the immortal words of Socrates, who said”



- Chris Knight





“ . . . I drank what?”



- Socrates



# Thanks!

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**Austin, Texas**