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

Insert Funny Image Here
In the beginning..

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

Insert
Cat
Meme
Here
The Challenges

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

Insert
Cat
Meme
Here
What is Keybase?

- [http://keybase.io](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

Insert
Cat
Meme
Here
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!

Contact me:

Twitter: @mauvehed
Keybase: @mauvehed
IRC: mauvehed@Freenode

www.mauvehed.com