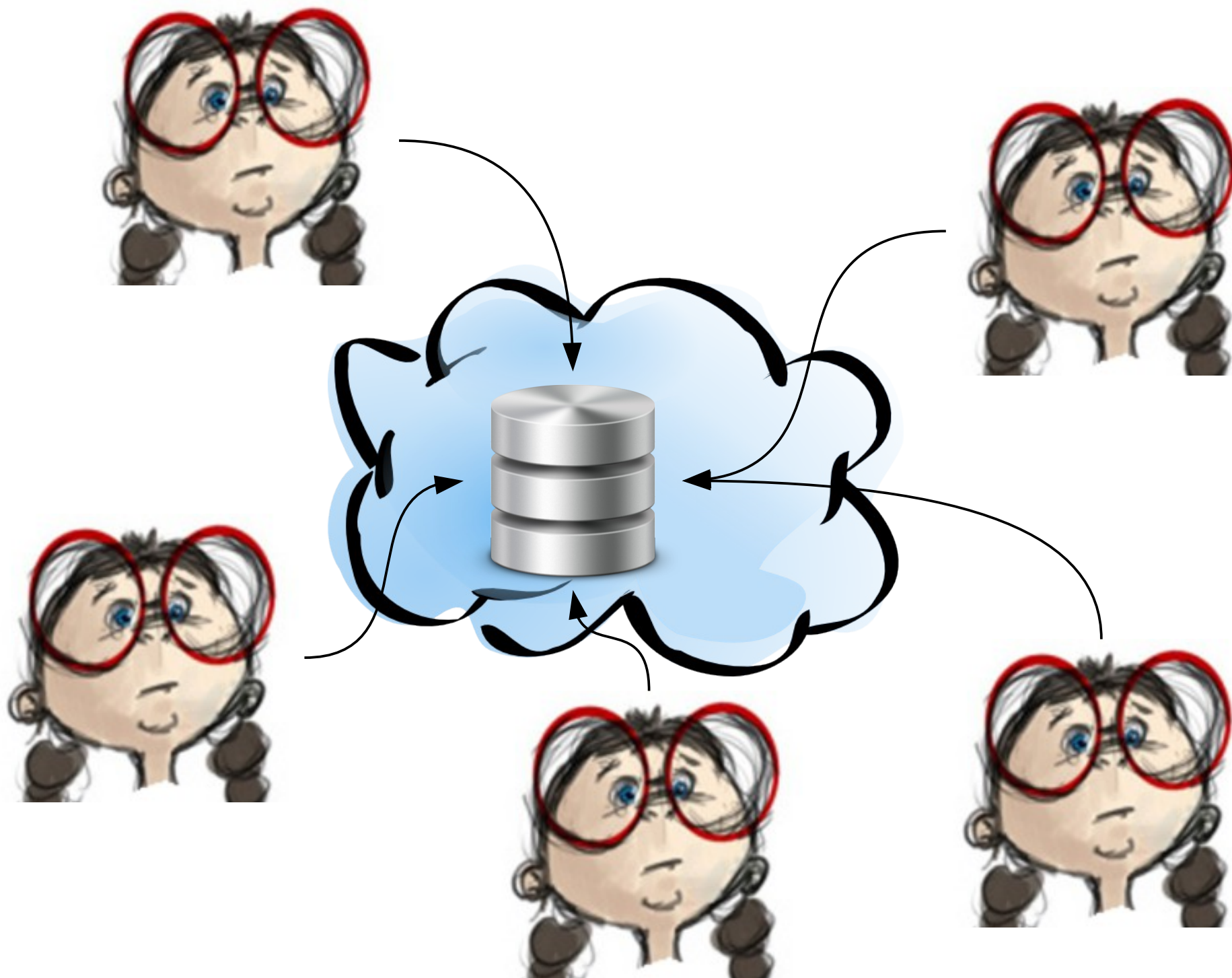


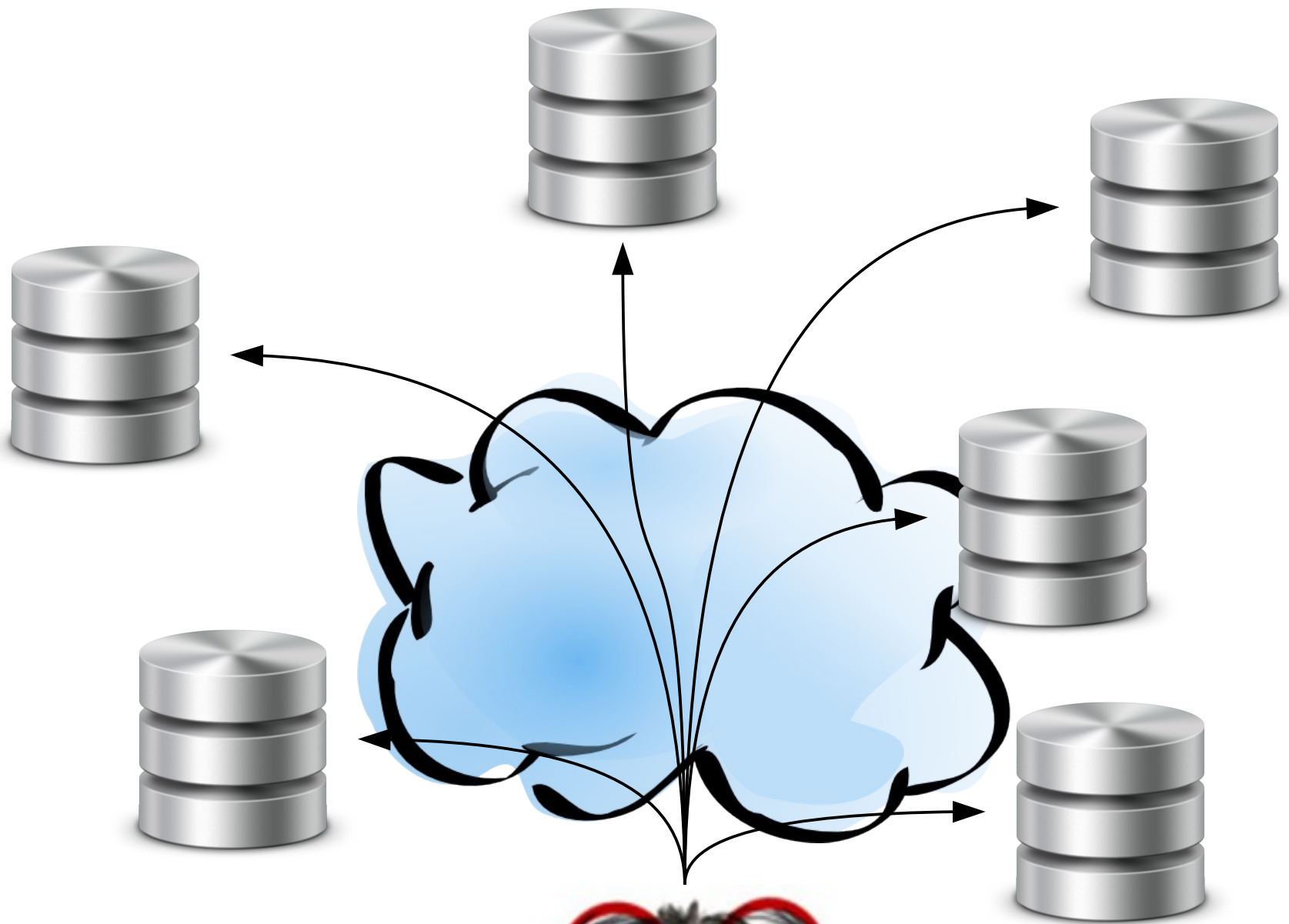
ARVER

distributed LUKS

Main Focus: Disk-Encryption on Servers



So you just share
the passwords?



How fast can you
type all the
needed passwords?

Wishlist

- ☒ Per-admin rules
- ☒ Key distribution
- ☐ Automation
- ☐ (Deniability)

Luks:



Slot 1: Alice



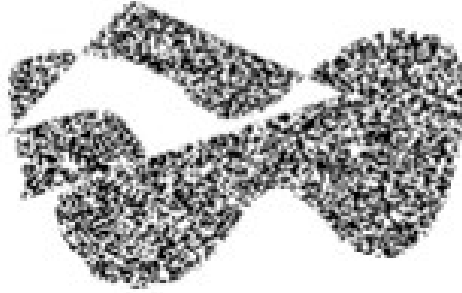
Slot 2: (empty)



Slot 3: (empty)

alice#: arver --add-user bob theDisk

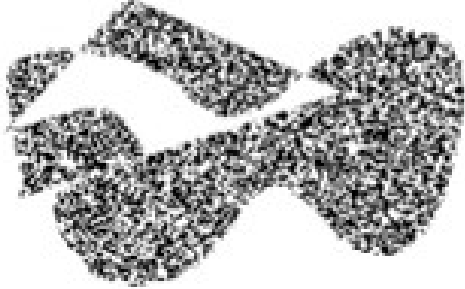
random LUKS key



Slot 2

(via SSH)

random LUKS key



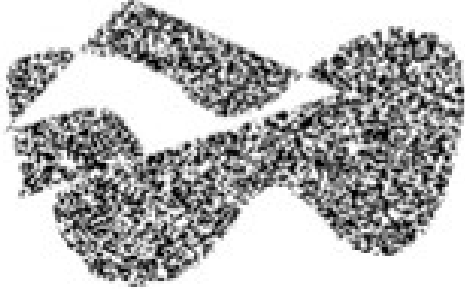
Bobs GPG
PublicKey



Bobs ARVER key
for theDisk



random LUKS key

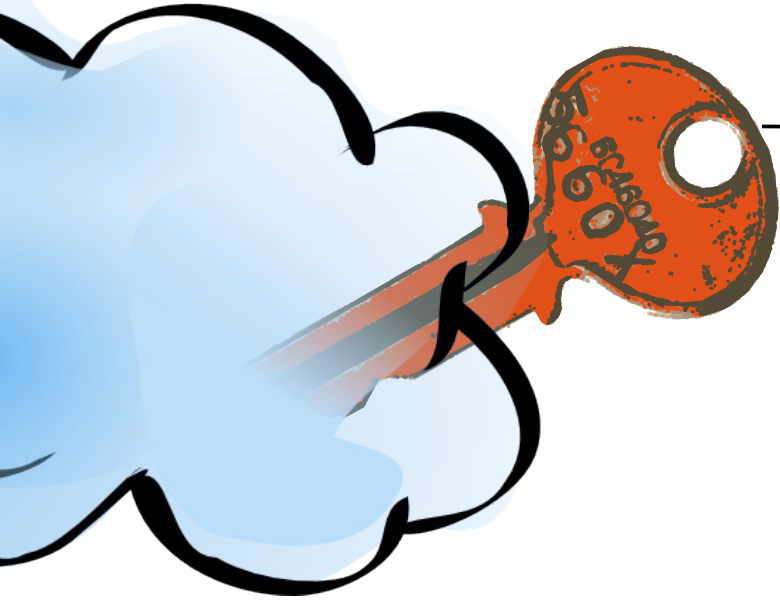


Bobs GPG
PublicKey



Bobs ARVER key
for theDisk

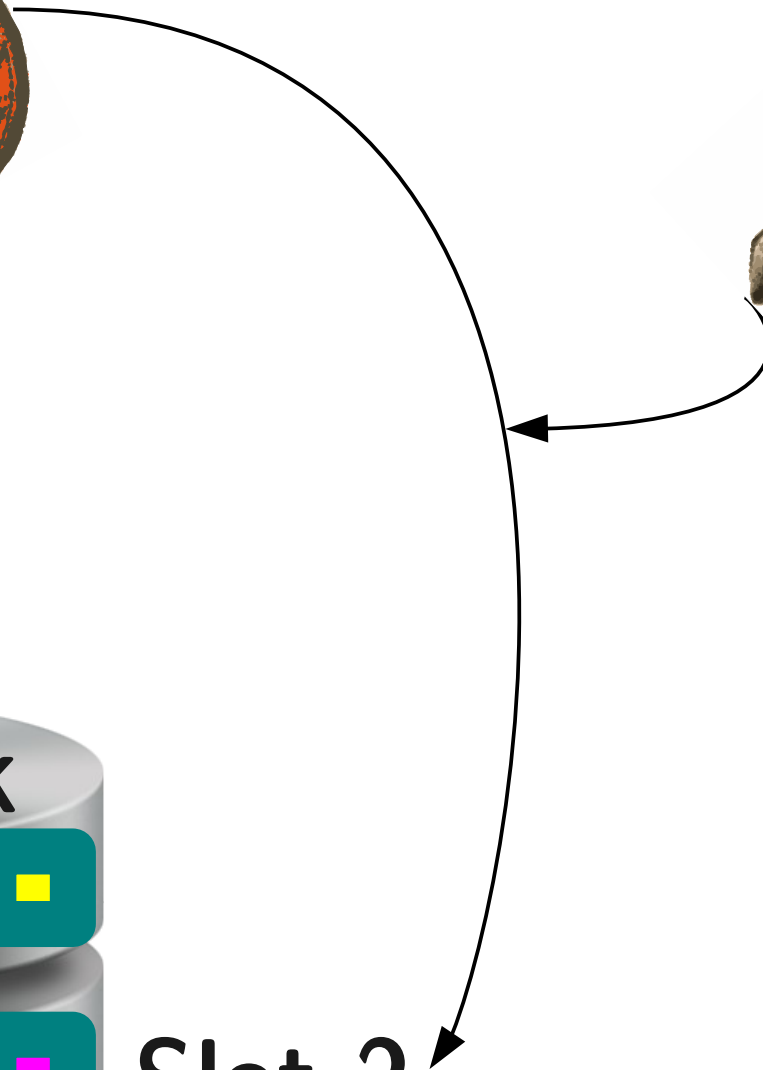
bob#: arver --open theDisk



Bobs GPG
PublicKey



Slot 2



- ☐ Per-admin rules
- ☐ Key distribution
- ☒ Automation
- ☒ (Deniability)

<https://git.codecoop.org/projects/arver>