

HSEB Mac imaging

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Background Info

- “Almost” no Mac experience
- Linux admin
- CLI, open source fan

Task at hand

- Imaging solution
- Users need full Admin rights
- Cheap
- Easy management(non Mac admins)

Overview

- Two partitions (Admin, User)
- Reboot into Admin
- Download new image only if needed

Overview

- Re-image “User”
- Assign unique computer name
- Bless “User” and shutdown

Why server based?

- Centralized logs
- Changes happen in one location
- Linux

Server set-up

- “bless clients” script
- crontab
- ssh keys

Client setup

- “Admin” read-only by root
- “bless script”
- “re-image script”
- remote login key

How it all comes together

- ▶ bless script:
 - Fix Admin's permissions
 - bless Admin
 - reboot

How it all comes together

▶ Admin boot script:

- rsync with samba share
- asr /dev/disk0s5 (NOT /Volumes/User!)
- bless User
- shutdown

Upon first User boot

- Rename “computer name” with “hostname”
- `chmod 700 root /Volumes/Admin`
- Auto login
- Scheduled wake