

Migrating to FreeBSD from a Linux sysadmins perspective

Observation by migrating servers and a laptop for FreeBSD

Albert Dengg
<albert@fsfe.org>

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About Me

- ▶ Sysadmin
- ▶ been using mostly Linux for > 20 years
 - ▶ mostly Debian, some RedHat based systems, some Ubuntu
- ▶ relatively new to FreeBSD (5 to 6 years or so)

About Me

- ▶ these are obviously my observations at the time of writing/recording this talk
- ▶ I might have missed/missused/missunderstood some things. . .
- ▶ conclusions will come at the end :)

Server Migration

Initial Situation

- ▶ mixed environment (Windows AD, Windows servers & clients, linux servers & workstations)
- ▶ knowledge of UNIX like OS by most people is limited
- ▶ i want to migrate a few systems to FreeBSD based systems

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- ▶ Making shure that and communicating(!) that the systems can be managed afterwards
- ▶ Resolving issues through documentation and asking around
- ▶ Keeping the system(s) current

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But we cannot run this when you are not available!

Documentation

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- ▶ manpages
- ▶ WIKI
- ▶ talking to people
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Keeping the system(s) current

- ▶ base system vs. ports
- ▶ `freebsd-update`
- ▶ `ports`
- ▶ `pkg`
- ▶ `poudriere`
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- ▶ with the quaterly branch there is also an option with less breaking changes
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- ▶ unfortunately, not all ports get built for what seem to be mostly licensing/patent reasons (which took me some time to understand)
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- ▶ since the HW is (compativly) new, i was only able to get WIFI working with -CURRENT
- ▶ ... which means building from source
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