

Sysadministrivia

Linux, Lagers, and Late Nights

S6E14: "An ARM and a Leg"

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Verification

Format	SHA256	GPG	Audio File
MP3	80949b35c701beb6fe28e43df2db88a7f6e893bfd9e0e9876b03bca3aaaab2d4	click	click
OGG	1e76d573e1c149d8b60d8954b690ecf3f8742dbe2b14a4729ef322c27243ed7d	click	click

Quicklisten:

In this episode, we talk about non-x86 architecture in the datacenter.

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Just the Tip

- Paden's Fable reminds you to full-disk encrypt your portable devices wherever/whenever possible and make sure your device's runtime is also password-protected.
 - Also don't just hit the power button to turn your laptop off probably.

Notes

Starts at **19m11s**.

I was drinking water. Paden was drinking water. Jthan was drinking water.

- Alternative Hardware Architectures in the Datacenter
 - A **big** discussion point about e.g. ARM is the power (as in, electricity) consumption.
 - We talk about RISC, MIPS (which probably already exists in your datacenter in some iteration), and ARM a LOT.
 - ARM is not end-all, be-all. Reduced electricity consumption, sure, but its performance is inferior.
 - Jthan thinks ARM would be good for firewall appliances, but... we have MIPS for that. ARM is overkill for a network appliance.
 - I also mention FPGA, which is analogous to what RISC was originally created for.
 - We also mention POWER/PPC.
 - Jthan mentions Graviton and Graviton Challenge.

15 Clams

In this segment, Jthan shares with you a little slice of life. The title is a reference to this video. (2m16s in)

Starts at **55m08s**.

Jthan rants about a 2-hour T-Mobile sales call. (He called them.)

Errata

- If you're unfamiliar with the All Your Base Are Belong to Us meme, you are in for a TREAT.
- Jthan, the M1 absolutely has a GPU. An octocore one at that.
- If you're unfamiliar, the cold boot attack.

Music

Music Credits

Track	Title	Artist	Link	Copyright/License
Intro	Aerosol Of My Love	Kevin MacLeod	click	Filmmusic Standard
Outro	Canon In D For 8 Bit Synths	Kevin MacLeod	click	Filmmusic standard

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Categories Season Six

Comments

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