

# Sysadministrivia

## Linux, Lagers, and Late Nights

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# S4E17: "When Everything Looks Like a Hammer"

**Posted** 2019-10-14 03:59

**Modified** 2019-10-14 04:14

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### Log

| Recorded (UTC)      | Aired (UTC)         | Editor  |
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### Verification

| Format | SHA256   | GPG                   | Audio File            |
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Quicklisten:

We talk about the (software) tools we tend to use in our everyday roles.

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## Just the Tip

- Paden shares about tc, part of the wonderful iproute2 suite.
  - It's useful for implementing Quality-of-Service and traffic shaping.
  - Jthan also mentions Wondershaper.
  - You'll also want to implement rate-limiting with either iptables or nftables.
  - They all tie together as part of a larger picture.

## Notes

Starts at **14m54s**.

I was drinking The Kraken again. Paden was drinking Miller Lite. Jthan was drinking root beer (he didn't specify what kind).

- Everyday tools! (Tools we use every day, personally)
  - Jthan and I use nslookup (and dig) EVERY day for DNS query lookups.
  - Paden uses ssh-agent daily.
    - It's almost a necessity for SmartCard tokens.
  - Jthan and I use the python interpreter/shell as a calculator.
  - We all use SSH every day. Because duh.
  - Python for writing my own tools (and a lot of usage from my OpTools repo)
    - I use PyCharm Community for my IDE. Paden and Jthan use VSCode.
  - Git, because duh.
  - For LDAP-related things, I use a lot of ldapmodify, ldapsearch, and ldapwhoami.
    - I use python-ldap a LOT.
    - And for times when you need a visual representation of your DIT, Apache Directory Studio is pretty boss.
  - For MySQL/MariaDB, I use DBeaver but DBA's may need the extended features of MySQL Workbench.
  - I also use a TON of awk, sed, and grep. But more than that, it's important to learn regexes.
  - Jthan uses Synergy.
    - You don't even need to log in to download the FOSS version; it's on GitHub.
- Jthan during the pre-show said he'd say sl.

- Paden mentions i3wm and KDE.
- He also mentions tmux; Jthan and I like using byobu to wrap tmux.
- He also mentions curl, another good one.
- He says they use finger, I suggest he give getent a try.
- He says he uses Excel every day. Of course, there's always LibreOffice Calc too.
- He also mentions Powershell
- And Splunk.
- Jthan wrote an XMPP bot with SleekXMPP.
- Jthan uses pdsh a lot.
- Jthan also suggests pass and I suggest Vault.

## 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 **45m36s**.

Jthan brings up Wireguard (which we talk about in S3E16) but wants to know why he has to know how to run a VPN to run a VPN.

## Errata

- Fusion is 100% a thing from Dragon Ball and there IS a dance.
  - It always sounds so crazy when you explain what Saiyans/Goku/Vegeta are.
- Jthan never sent the full-res image. Everyone bother him.
- Vodka-infused gummy bears are here.
  - But I was thinking of Skittles Vodka.
- Yes, Jthan, Wireguard was audited.

## Music

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**Categories** Season Four

## Comments

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