

# Sysadministrivia

## Linux, Lagers, and Late Nights

---

# S5E11: "Quell Our Shorts"

Posted 2020-07-19 23:59

Modified 2020-07-19 18:35

Comments 0

### Navigation

Previous Episode	Next Episode
S5E10: "Beer in the Back, Party in the Front"	S5E12: "Bad Developer! No Biscuit!"

### Log

Recorded (UTC)	Aired (UTC)	Editor
2020-07-09 02:52:02	2020-07-19 15:24:08	"Edita"

### Verification

Format	SHA256	GPG	Audio File
MP3	cc421c02b13561915031d683feb8744c2334cd0df04a18d26e464675adaa437c	click	click
OGG	4b8771aeca30063537d28e1544b18c3954e2e1ce3eee029ca29fedbf3aa8b70	click	click

Quicklisten:

We talk about QoS (Quality of Service)/rate-limiting and optimizing your network traffic before it hits The Tubes™.

- Just the Tip
- Notes
- 15 Clams
- Errata
- Music

## Just the Tip

- F5 has a pretty serious vuln, so patch your shit.

## Notes

Starts at **15m31s**.

I was drinking a Campo Viejo Rioja Tempranillo and a Castello del Poggio Sweet Red. Paden was drinking Coors Light. Jthan was drinking Labatt Blue Light.

- Quality-of-Service/Rate-limiting
  - A way to artificially manipulate network traffic to ensure the priority of other traffic.
  - Jthan wanted to know why his network went to shit whenever he'd start uploading files.
  - "There's no distinction between a 'corporate/professional' network and a 'home' network."
    - That's a false dichotomy created by network hardware providers. The **true** distinction is between well-designed and well-executed networks, and those without a good design and/or execution.
    - The latter usually don't see a level of scale where the distinction is made, and thus any actual difference is just handwaving as "residential networking".
  - I suggested that it's probably actually queueing/scheduling, which is very likely.
  - He's also using a wireless network, which will affect the throughput of the WAPs' radio cards.
  - But QoS would still perhaps **help** a little bit. Back on track...
  - Quality-of-Services is an IEEE standard, 802.1e (and then rolled into P802.1p).
    - There is, of course, a wireless variant, 802.11e.
  - QoS theory
    - Designing some/specific protocols to lower in priority in favor of another one. SIP is a good example.
  - You can use "tc" to implement QoS.
  - Speaking generally, on the **network** you want your downloads to be faster (or more reliable, to be accurate) than uploads. But on a **host's** level, you typically want **uploads** prioritized.

## 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 **1h03m55s**.

Jthan talks about Etherpad and Etherpad-lite, but then randomly switches the topic to dedicated-service hosting, so I have to teach him cost benefit analysis 101.

## Errata

- The juggernaut, bitch.
- A “tacodemon” (cacodemon) from Doom.
- Shoutout to The Admin Admin Podcast (and that guy).
  - We mentioned them on S0E8, and one of their members came up again in S2E4. I was right! It was season 0, before Paden even joined us.
- I can’t find a source for Paden’s thing about banning install of non-OEM OSes.
- The IP address Paden started rambling off was the beginning of an RFC 3927 address.
- I sometimes refer to “802.1e” as “802.11e” and vice versa, and forget to mention P802.1p. Oops!
- At the beginning of the 15 Clams, I say “30Mbps down”. I **should** have said “symmetric 15Mbps up” or something, oops.

## Music

### Music Credits

Track	Title	Artist	Link	Copyright/License
Intro	Kat Man Due	Hynamo	<a href="#">click</a>	CC-BY-NC-ND 4.0
Outro	pulled.	aspect.	<a href="#">click</a>	CC-BY-NC-SA 4.0

(All music is royalty-free, properly licensed for use, used under fair use, or public domain.)

**Author** r00t^2

**Categories** Season Five

## Comments

There are currently no comments on this article.