Sysadministrivia

Linux, Lagers, and Late Nights

S5E6: "Captive Portals? How Of-Fence-ive!"

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Comments 0

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Log

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Verification

Format	SHA256	GPG	Audio File
MP3	bb24a88d73a17216a956308f754a5def4204029f100b9c25d6750265abb01c53	click	click
OGG	c8f66984e5fccb644fa65b9d5edb9b45fd08643437b52686b81133b0824bfce6	click	click

Quicklisten:

We talk about WebMD- I mean PacketFence, a captive portal/802.1X/RADIUS/etc. turnkey solution.

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Just the Tip

- Paden talks more about grep.
    - We have talked about regex a **lot**, it should be nothing new. If you need to learn, these are good.

Notes

Starts at **14m42s**.

I was drinking water. Paden was drinking apple juice. Jthan was drinking a Denver Beer Company Pretzel Assassin.

- PacketFence
    - It **is** turnkey, but it seems to be a fairly mature product. Their available docs are pretty good too.
    - They don't mess around with e.g. FreeRADIUS config very much, which means that it's one of the more clean turnkeys.
    - It does 802.1X (with any EAP method that is part of 802.1X and supported by FreeRADIUS).
    - It has its own integrated DNS and DHCP, which might not be ideal for your environment. We weren't 100% certain if it could be disabled/deferred to another server.
    - It's neat that they use a fingerprinting DHCP server though.
    - And while they don't constitute a solid security depth, PacketFence does integrate with things like Nessus and OpenVAS.
    - They DO, in fact, support Ubiquiti/Unifi kit.

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 **45m34s**.

Jthan is v big mad and super salty about some shitty Prometheus thing.

Jthan is still wrong, though; the last certificate (the last leaf; the HTTPS cert for a webserver for instance) in a chain usually DOES expire first.

On a listen back, I think I understand where the develeeper is coming from. If your intermediate expires before your user cert, you should switch over to the newer bridge/cross-sign intermediate first before ever even worrying about your user/server certificate.

Errata

- Jthan ordered the chair he tried to recommend to Paden except it arrived damaged. And he's having a dickens of a time getting it replaced. Caveat Emptor, bitches. You get what you pay for.
- It seems that HOPE is, so far, planned to go ahead but of course that might change. The third round of tickets are up currently and are 200USD/ea. The new venue is St. John's University in Queens, New York City.
- I was right! The lockdowns really don't seem to be having the effect people think they are. Intuition: 1, Paden: 0.
- Also, masks don't seem to be effective at all in preventing spread, aside from ones like N95 masks…
    - Which are earmarked for medical/healthcare (and **government**?!) workers, which means
    - The general public are going to have a REALLY hard time finding them.
    - So the CDC recommends cloth masks, and in fact downright recommend AGAINST wearing actually effective masks ("Do NOT use a facemask meant for a healthcare worker.").
    - Jthan and CDC are tied at 0.
- It also seems that the multiple strains might not affect immunity, so that's some good news if it conclusively turns out to be true (studies/research are ongoing).
- But I **might** be wrong; there's a possibility that SARS-CoV-2 can spread via sexual contact.

Music

Music Credits

Track	Title	Artist	Link	Copyright/License
Intro	Nuni	Floating Mind	click	CC-BY-NC-SA 4.0
Outro	When the Lights Fade	MVar	click	CC-BY-NC-SA 4.0

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Comments

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