

# Sysadministrivia

## Linux, Lagers, and Late Nights

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# S5E16: "SLAPD-Happy"

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### Log

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Quicklisten:

In this episode we talk about how useful LDAP is.

Also, check out our upcoming gamenights! At least one of them is actually for a good cause!

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## Just the Tip

- Paden talks about tracepath.
- Trafshow is basically an ncurses wireshark but not as good as something like termshark.
  - Plus, trafshow upstream seems to be dead lol.

## Notes

Starts at **15m46s**.

I was drinking water. Paden was drinking cranberry juice and Buckeye vodka and water. Jthan was drinking Miller High Life Light.

- Announcements!
  - We have a **two-day** game night ("night") coming up! The day before and the day of for Halloween. We'll be playing They Hunger and Afraid of Monsters (both co-op), see the link for details.
  - On November 7, I (r00t^2) will be doing Extra-Life! We'll be playing Unreal Gold Co-op plus maybe Doom if we finish Unreal.
    - By the way, Jthan, don't you fret. Unreal has enemies that look a lot like 'tacodemons'.
- LDAP (**22m48s**)
  - Four main LDAP server software (Oracle's Internet Directory, Windows' Active Directory incorporates an LDAP server, OpenLDAP (my personal preferred implementation), and RedHat's 389DS)
  - LDAP ("Lightweight Directory Access Protocol") has a multitude of applications for when you need stronger relational attributes than a relational database.
    - Anyone who's worked with LDAP before may doubt the "lightweight" part of its name, but believe me - it really is lightweight.
  - RFCs can be found here.
  - LDAP is **structured**, but you can add custom objects/object types.
    - It supports many layers of nesting and attributes with multiple values.
    - It supports aliased entries, which can be treated as an alias object or as a "real" object ("alias dereferencing").
    - It can be used as an authentication mechanism/store, and has an **extremely** flexible and complex ACL system that can do just about what you want it to.
  - It is highly, highly recommended that you use and become familiar with the OpenLDAP CLI utilites (e.g. ldapsearch) or something like python-ldap.

- Also know how to write, modify, etc. LDAP's LDIF. RedHat has some good information on LDIF.
- There are a lot of GUI clients ("LDAP browsers").
  - The absolute best is Apache Directory Studio.

## 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 **53m19s**.

Jthan is an academia whore for Yubico. He wonders about implementing a sort of "selection-based" 2FA/MFA.

## Errata

- Traceroute does not require superuser/root access either.
- I meant that MySQL stores its uses in the "mysql.user" **table as rows**.
- Jthan needs to read up on the CFAA.
- I (r00t^2) still can't math.

## Music

### Music Credits

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**Categories** Season Five

## Comments

There are currently no comments on this article.