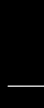




January 12, 2021 MUUG Meeting
(João) **Alberto** (Brochado) **Abrão** (BBA)



Enterprise support available, reasonably priced!

Comprehensive official documentation

Reliable, stable, solid

AGPL v3

Community how-tos

Community documentation

Community applications

Hosting

CLOUD THERE IS NOT



**ANOTHER PERSON'S
COMPUTER IT IS**

Cloud storage is more expensive than local storage, not to mention bandwidth and data transfer charges.

Hosting it yourself is usually a great choice for Nextcloud.

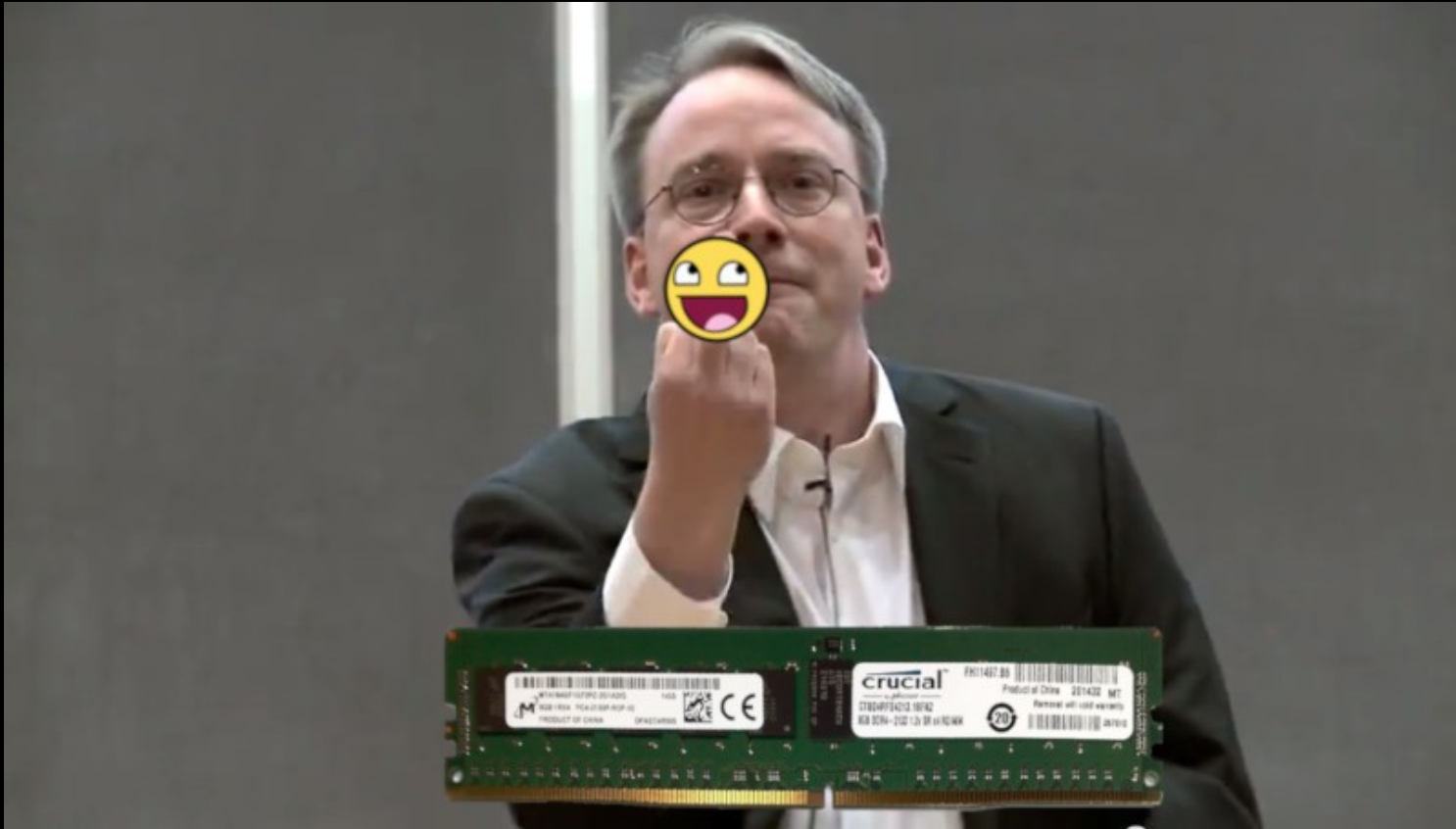


Hardware



You are no longer
being poisoned by a
toxic cloud.

We must have “the talk”: ECC RAM



Case closed.

With ECC



Without ECC

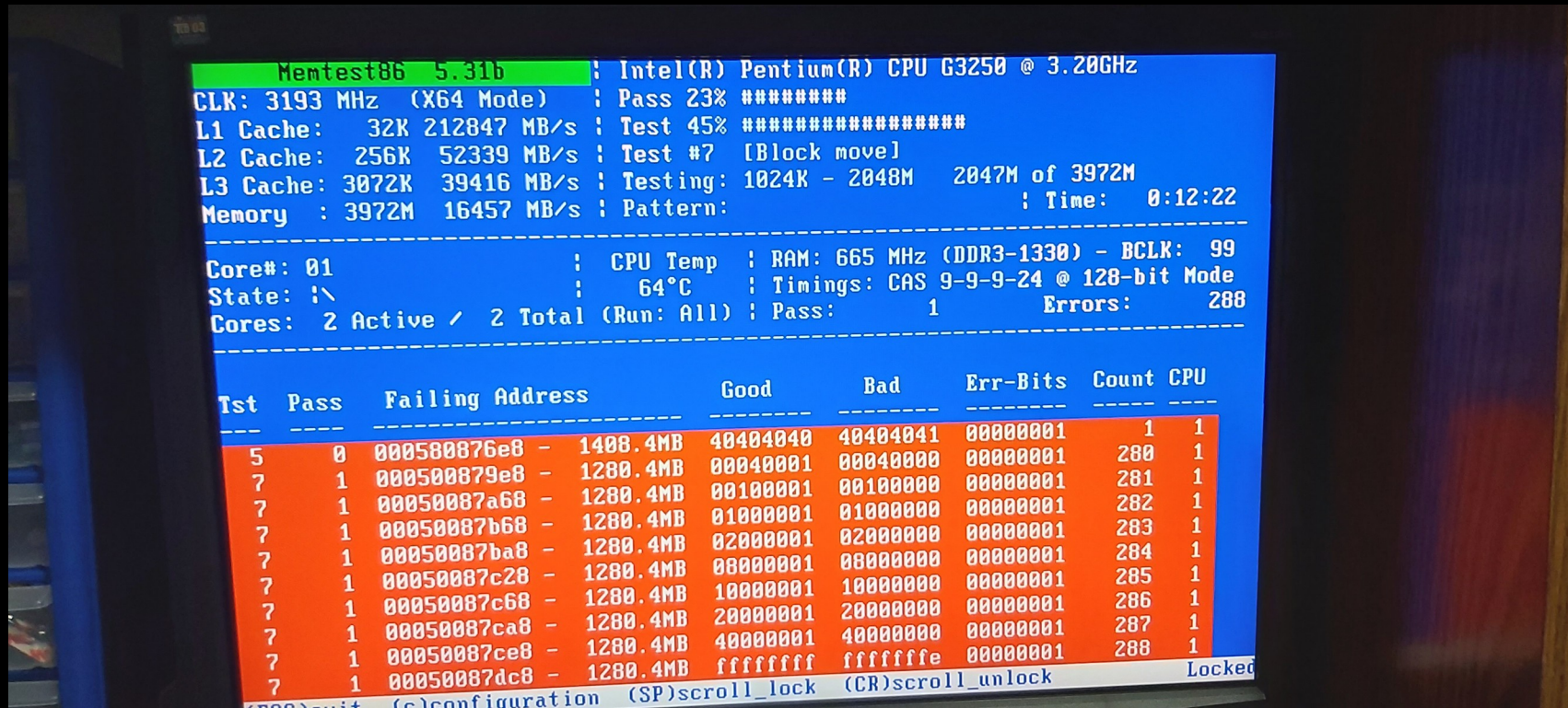


My verdict

- File server is the quintessential application for ECC.
- Do not let perfect be the enemy of good: get started, see if it works for you.
- **DO** plan to get an ECC capable machine when possible.

Don't believe the ECC hype?

this is a screenshot from the machine I was using to make this presentation, taken right after it crashed on me...



If you opt for sin, please test your hardware before anything else...

What about, well, everything else?

- You should aim for data redundancy and all other safeguards.
- That said, if you can afford some downtime, you can relax the requirements e.g. only a single PSU, the occasional failed hard drive, and so on. Keep in mind the previous slide, though. :(
- My recommendations are for what you need to “get your feet wet”. As things scale, evaluate your needs and go from there.
- Still, Nextcloud IS resource efficient. If you must choose, opt for redundancy/data safety over raw performance.

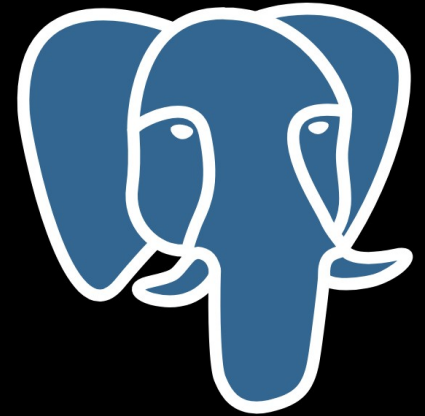
Ok, so what's the bare minimum?

- Core 2 Duo / AMD K10 (Phenom II / Athlon II). I would not bother with anything older.
- 8GB is ideal. 4GB RAM is plenty to get you started. Minimum as per NC docs is 128MB, with 512MB being the minimum recommended. I went with 8GB and never spotted it going past the 2GB mark.
- Hard drive space: suit yourself!
- Static IP.
- Bandwidth: the more, the better! (well...duh)

Databases

- SQLite
- MySQL / MariaDB
- PostgreSQL

Who doesn't like elephants?



Nifty little script by MUUG!...

...so you can get started on your next(cloud) adventure!