We aren't (just) in Kansas anymore

A 2 YEAR TECHINCAL AND ORGANIZATIONAL ROADMAP FOR THE FREE NETWORK MOVEMENT

Looking back at three years of FNF/FNM

- Format of this section:
  - Sitrep
  - Coverage gaps
  - Near term go forward plan

First we built compute capacity (and shipped first stack component)

FreedomCenter sitrep:

▶ We have enough software and supporting iron deployed to easily accommodate years of growth and absorbing any number of new programs and research efforts of FNF.

▶ We are rapidly closing a technical deficit here (resilient and survivable storage/wan redundancy, LDAP) which will allow us to be 100% reliant on our infrastructure and not afraid to integrate large scale development programs and personnel.

▶ Tl;dr: We have the technology. We have the iron. Let's hack on everything. Want footprint in the FreeNetworking hax exchange point? We got it.

First we built compute capacity (and shipped first stack component)

- FNF Labs sitrep:
  - Brutally challenging to ship! Numerous false starts and outright failures in planning/building/deploying/budget control etc.
- However, we have shipped it:
  - Edge/distribution/core development/modeling/testing/scaling capabilities? Check!
  - Big iron for realistic provider network simulation? Check!
  - Networking product equipment dev lab toys? Check!
  - Deployed (adjacent to a major talent pool), operational, supporting product development efforts and permanently homed. Check!

First we built compute capacity (and shipped first stack component)

- Coverage gaps:
  - FC
    - Network/storage redundancy. Work is mostly done, however we've had setbacks which leave us exposed to a moderate degree of risk.
  - Lab
    - It's very early, we've not used the lab enough to identify any gaps.

First we built compute capacity (and shipped first stack component)

- Near term go forward plan (closing the deficit)
  - FC
    - A program to eliminate network/storage setbacks with extreme prejudice has been funded, necessary components procured and implementation is underway

Then we built organizational capacity

- Board of directors
- Officers
- Dedicated volunteers
- Evangelists
- 501c3 reboot
- Increased runway funding access through coalition partners and continuing optimization of that process
- Massive worldwide collaboration , travel, connecting, presenting
- Foreign exchange with Guifi.net

Then we built organizational capacity

- Coverage gaps in our organizational capacity
  - Development officer
  - CIO
  - Volunteer devs
  - Paid devs

Then we built organizational capacity

- Near term go forward plan for organizational capacity building

Then we built a network

- KCFN

Then we got serious about outside in/meta thinking and review

- FND reboot
  - Consensus from a global coalition
  - Feedback from experts about external acceptance criteria
- NCL reboot
  - Collaborative and consensus driven effort
  - Balance of privacy/network operator rights
  - Voluminous discussion of legal contexts and other significant meta related paramaters
  - Product requirements document framework for FreedomStack defaults (out of box, you get NCL compliant network)

Then we built a couple more networks

- Dev net
- LA Reunion
- Los Angeles?

We went from zero to 0.5 and then 1. NOW WHAT?

- New org structure
- New board of directors
- New dev team
- Networks talking to each other!
- Go to 2
- Go from 2 to 2 million

Business is a million, business model is a Billion

- FNF

- [redacted] – for profit, market delivery of FNF R&D

- [redacted] – for profit, high margin "Cadillac edition"

- [redacted] – non profit (somewhat complex SPV) backbone provider