EXARCHEIANET.GR

COMMUNITY WIFI

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INTRO

Community wifi project in Exarcheia

Grew out of supporting the refugee crisis in Athens

Now two main focusses:

- Support solidarity movement and refugee housing projects
- Building and supporting autonomous wifi communities

1) SOLIDARITY & REFUGEE INTERNET

Assist solidarity and refugee housing with:

Uplink

> how to get internet

Distribution

>installing access points, quality of service

(down)

WHAT HAVE WE DONE SO FAR?

- WAN 'backbone' linking 4 locations with ~100Mbps wifi links
- 50Mbps bandwidth
- supporting around 500 users.

- Work in 7-10 other locations where we've helped them figure out Uplink and Distribution

- Largest location is City Plaza with 30Mbps and 7 access points and 400 users

- Support total over 1000 users

FUTURE FOR REFUGEE HOUSING PROJECTS

Continue to do new installations if they come up, and support existing locations

- Politically volatile

- Lack of engagement from residents

2) COMMUNITY WIFI

Spun out of building a community and collective from the refugee work

Build autonomous community wifi networks, around values:

Internet should be:

- Open, uncensored
- Secure & Private
- Not for profit utility (5 EUR/household or 1 EUR per 1Mbps)
- Owned and managed by users

Make these small, community run (one street), and try to link them together

COMMUNITY WIFI PROJECTS

- Write a manual/toolkit for community wifi

- Facilitate and support autonomous communities

- Start one or two prototypes

- Deal with basic organisational issues as they arise: billing, monitoring, administration

EXARCHEIANET GROUP PROJECTS

- Workshops / Knowledge Transfer
  - Basic networking
  - Medium / Advanced networking hands-on

- Servers & Services
  - Beginning local secure IM services
  - Self hosting own website, wiki
  - Self hosting matrix server
  - Future: VoIP, LAN file share, internet radio

- Community Engagement
  - Make wifi visible and accessible to the public
  - Flyers, posters, community engagement

GET INVOLVED

Weekly meetings (Wednesday 2pm Exarcheia)

Facebook :(

Open Dinner next Tuesday 6th

Starting monthly Cryptoparty and InstallFest

THANKS :)

All links and info, look for 'hackfest notes':

http://wiki.exarcheianet.gr