

# Welcome to Homenet

- We've only existed for 8 days, so please be kind



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# Homenet

- Area Director: Ralph Droms
- Co-Chairs: Ray Bellis, Mark Townsley
- Note-Takers: Timothy Winters, Stuart Cheshire, Dave Oran
- Jabber Scribes: ?
- Blue Sheets

**This seems to be an important topic:**

<http://www.networkworld.com/news/2011/070611-ietf-mulls-ipv6-for-home.html>

<http://slashdot.org/story/11/07/07/1748214/IETF-Mulls-Working-Group-For-IPv6-Home-Networking>

# Homenet != Homegate

- Homegate was very successful
  - BoFs, phone calls, list discussion, ~~interim meeting~~
  - People involved ultimately helped produce very well received RFCs 6092, 6125, 6204 as well as in-progress IDs (draft-ietf-v6ops-ipv6-cpe-router-bis...)
  - Helped us realize we needed something different...

# Homenet

1. Prefix configuration
2. Routing
3. Name resolution
4. Service discovery
5. Network security



# Consumer Routers

- Many are developed with razor-thin margins
- Massive dependence on publicly available source code
- Large and diverse set of vendors
- Managed by an ISP, or not managed at all
- Very low bar for protocol complexity, configuration options, etc.

# A word from our AD



# Agenda

1300-1315 (20m) – Administrivia, Chairs

- o Note Well, Scribes, Blue sheets
- o Introduction

1320-1350 (30m) – Architecture, Jari Arkko

- o draft-arkko-townsley-homenet-arch-00
- see also:
- o RFC 6204
  - o draft-ietf-v6ops-ipv6-cpe-router-bis-01

1350-1415 (25m) –

Prefix Configuration & Managing Routing

Fred Baker

- o draft-baker-fun-multi-router-00
- o draft-baker-fun-routing-class-00

see also:

- o draft-herbst-v6ops-cpeenancements-00

1415-1435 (20m) – Security, Chris Palmer

- o security within the local site
- o security from outside of the local site

1435-1455 (20m) –

Name Resolution, Chris Griffiths

- o Name resolution of local hosts
  - from inside
  - from outside

<http://e2big.org/ietf/draft-cloetens-homenet-dns-delegation>

see also:

- o RFC 6092
- o draft-vyncke-advanced-ipv6-security-02

1455 – 1455 (0m) – Service Discovery

No presentation at this meeting

1455-1500 (5m) – Wrap Up, Chairs, ADs

- o Conclusions, Next Steps