

# Homenet Architecture

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draft-ietf-homenet-arch-06

Homenet WG, IETF85, Atlanta

7<sup>th</sup> November, 2012

# This slot...

- Changes to draft since IETF84
- Naming and service discovery
  - The last part of the text to nail down
  - Authors feel the rest of the text is done
- Open questions

# Changes since IETF84

- Over 300 list emails
- New text in naming and service discovery section
  - This is the major change/update (section 3.7)
- Pruned some expired ‘example’ drafts
  - Some more still to cut when we’re ready to WGGLC
- Added text about multiple ULA /48’s
- Recommend against prefixes longer than /64
- Added some text about multicast (desirable)
- Noted hosts may benefit by knowing realm they are in
- A number of minor edits/clarifications

# Naming and service discovery

- Section 3.7 restructured
  - Discovering services
  - Assigning names to devices
  - Name spaces
  - The homenet name service
  - Independent operation
  - Considerations for LLNs
  - DNS resolver discovery

# Naming/SD text

- Single name space desirable
  - May be delegated by ISP or a third party (vanity domain)
  - If no global name space available, use “.sitelocal” or “<UniqueString>.sitelocal”
  - Do we need the <UniqueString> to disambiguate?
- Local, caching authoritative server
  - Local trust anchor
  - Secondary can be run by the ISP
- Homenet name service must coexist with global name service
  - Zeroconf devices need way to add/remove entries to/from global DNS
  - No statement made on whether mDNS or unicast DNS should be used inside the homenet

# Other open questions?

- What to say about NPT66?
  - Not recommended?
  - Out of scope?
- Any others?

# Are we done?

- Given we update the draft based on comments here in Atlanta, are we then ready to WGLC the document?