IETF 115 SNAC Session

Stub Network Autoconfiguration for IPv6

Chairs: Marc Blanchet & Kiran Makhijani
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This session is being recorded
Note Well

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
IETF 115 Meeting Tips

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- Wear masks unless actively speaking at the microphone.

Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session
- Use of a headset is strongly recommended
1. Administrivia/Chairs Intro (Agenda Bashing)
2. Automatically Connecting Stub Networks to Unmanaged Infrastructure
   draft-lemon-stub-networks
3. IPv6 Neighbor Discovery Prefix Registration
   draft-thubert-6lo-prefix-registration
4. Discussion on Next Steps
5. AOB
SNAC Introduction

● What is SNAC?
  ○ Set of mechanisms for connecting stub networks to an infrastructure network (without modifications to that infrastructure network).
  ○ SNAC will solve the addressability, discoverability and reachability of hosts in stub networks from infrastructure network.
  ○ Key use case is connectivity of 802.15.4 networks with home infrastructure.
● The charter is approved to focus on two milestones
  ○ A framework document that explains connecting one or more stub routers to infrastructure network (includes service discovery)
  ○ Set of services that must be provided over a multi-link infrastructure network.
● GitHub for issue tracking and to progress work
  ○ https://github.com/ietf-wg-snac