

Stub Networks Auto-Configuration (SNAC) WG Meeting

Joint session with DNSSD

IETF 119, March 19, Brisbane

Chairs'-slides

Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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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)
- <https://www.ietf.org/privacy-policy/>(Privacy Policy)

Meeting Management

- SNAC-WG meets for the second part of the joint session with DNS.
 - Starts 45 minutes past session start – 13:45 PM
- Meeting Documents <https://datatracker.ietf.org/meeting/119/session/snac>
- Notes Taking:
<https://notes.ietf.org/notes-ietf-119-snac>
Note taker: TBD
- Meetecho
Remote: <https://meetings.conf.meetecho.com/ietf119/?session=32019>
In-room: Scan the QR code for bluesheet signing.
- Jabber
<https://zulip.ietf.org/#narrow/stream/312-snac>

Agenda

1. Administrivia and WG Report – 10-15 mins

- Next Steps: From Simple to Additional functionality
- Open Discussion

2. Stub Router Flag in ICMPv6 Router Advertisement Messages [draft-hui-stub-router-ra-flag-02](#)

Discussion on review comments and to adopt as SNAC working document.

3. Collaborative WG document editing

Draft: <https://datatracker.ietf.org/doc/draft-ietf-snac-simple/>

Open Issues and discussion: <https://notes.ietf.org/3snyluinSAqPWaRkWiwgYw?both>

GitHub Issue tracker: <https://github.com/ietf-wg-snac/draft-ietf-snac-simple/issues>

4. Agenda bashing

WG report and updates

1. Status of draft-ietf-snac-simple

- Progress

Held 2 Interim meetings. The following PRs were closed.

- Clarify SNAC solution assumes the IPv6 host on AIL is a Type C Host
- Add requirements for not advertising default router/route on AIL
- Should a stub router learn RA header parameters from other routers?
- Relax the requirement on a single 'root' ULA prefix generated by stub router
- Add restriction that usable prefix must be /64; reference RFC 7084 section 4.3 requirement L-2.

Current plan is to continue meeting every two weeks.

- Encourage more participation from the WG.

- Changes since IETF-118

- <https://author-tools.ietf.org/iddiff?url1=draft-ietf-snac-simple-02&url2=draft-ietf-snac-simple-04&difftype=--html>

- Mode of operation

- WG members raise issues, propose text, PRs for resolution
- General guidance is to ready the document for WG LC by **IETF 120 (20th July)**.
- Help with improving potentially unclear text.
- Ask: Is the draft implementable?

WG report and updates

2. Status of draft-hui-stub-router-ra-flag-02

- Progress
 - Received comments – on going discussions on the mailing list.
 - Request IANA for stub router bit (possible after WG adoption)
- Since IETF-119
 - Last call for SNAC “review comments” issued by the Chairs
 - Coordinated with 6-man chairs to find home WG for this draft.
- Mode of operation
 - Initiate WG adoption call (either 6man or SNAC)
 - Plan should be to get this document done in next 4 weeks.

WG report and updates

3. New work item - stub-router-advanced-scenarios

- Deliverables from SNAC Charter

- Simple (current):

- A framework document that explains how one or more stub routers connect one or more stub networks to a [single unmanaged infrastructure link](#).

- This includes providing IP addresses required for communication, routes and routing required for communication, and providing service discovery for the stub network and the adjacent infrastructure link.

- Multilink Infrastructure (advanced scenarios):

- A document describing the set of services that must be provided by a [multi-link infrastructure network](#) in order for stub networks to be added to the infrastructure providing full mutual reachability, addressability, and discoverability between stub network hosts and hosts on adjacent and non-adjacent infrastructure links.

- This would address, for example, a building management network or [an enterprise network](#).

- Thoughts for WG:

- 1. [Do we have energy to progress second deliverable?](#)

- 2. [Anyone interested to take up initial work and start with outlining \(1\) the applicability, \(2\) requirement or \(3\) problem statement.](#)

- 3. [Allocation of 15-20 minutes in interim on this work.](#)

Discussions on the Status of Documents