6MAN Working Group
IETF94, Yokohama

Bob Hinden
Ole Trøan
Note Well

Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

- The IETF plenary session
- The IESG, or any member thereof on behalf of the IESG
- Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
- Any IETF working group or portion thereof
- Any Birds of a Feather (BOF) session
- The IAB or any member thereof on behalf of the IAB
- The RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of RFC 5378 and RFC 3979 (updated by RFC 4879).

Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice. Please consult RFC 5378 and RFC 3979 for details.

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.
Jabber Room: 6man@jabber.ietf.org
Meetecho: http://www.meetecho.com/ietf94/6man
Etherpad: http://tools.ietf.org/wg/6man/minutes
Minutes taker: <TBD>
Jabber Scribe: <TBD>
Presentations: https://datatracker.ietf.org/meeting/94/materials.html

Please sign blue sheets
Agenda (1 of 2)

Introduction, Agenda Bashing, Document Status, Chairs, 10 min.
   • Review: Other WG’s use of IPv6 extension headers, Chairs, 10 min.

Working Group Drafts
   • Host routing in a multi-prefix network, draft-ietf-6man-multi-homed-host, Fred Baker, 15 min.
   • IPv6 specifications to Internet Standard, draft-ietf-6man-rfc2460bis, draft-hinden-6man-rfc4291bis, Bob Hinden, 45 min.

Active Individual Drafts
   • IPv6 Hop-by-Hop Header Handling, draft-baker-6man-hbh-header-handling, Fred Baker, 15 min.
   • Transmission and Processing of IPv6 Options, draft-gont-6man-ipv6-opt-transmit, Fernando Gont, 10 min.
   • IPv6 Universal Extension Header, draft-gont-6man-rfc6564bis, Fernando Gont, 10 min.
   • Support for adjustable maximum router lifetimes per-link, draft-krishnan-6man-maxra, Suresh Krishnan, 10 min.
   • IPv6 Segment Routing Header (SRH) draft-previdi-6man-segment-routing-header, Stefano Previdi, 10 min.
   • Multiple Provisioning Domains using Domain Name System, draft-stenberg-mif-mpvd-dns, Markus Stenberg, 10 min.
Agenda (2 of 2)

New Individual Drafts

• Uplink access technology indications in Router Advertisements, draft-krishnan-6man-uat, Suresh Krishnan, 05 min.

• DNS Name Autoconfiguration for Internet of Things Devices, draft-jeong-homenet-device-name-autoconf, Jaehoon (Paul) Jeong, 5 min
Document Status (1 of 2)

RFC Editor Queue

• draft-ietf-6man-ipv6-address-generation-privacy
• draft-ietf-6man-predictable-fragment-id

In WGLC

• draft-ietf-6man-mibs-obsolete

In Queue for WGLC

• draft-ietf-6man-rdnss-rfc6106bis

Active WG Documents

• draft-ietf-6man-default-iids
• draft-ietf-6man-deprecate-atomfrag-generation
• draft-ietf-6man-multi-homed-host
• draft-ietf-rfc2460bis
• draft-ietf-6man-rs-refresh
• draft-baker-6man-hbh-header-handling
Document Status (2 of 2)

Adoption Calls Requested

• draft-previdi-6man-segment-routing (2nd go)
• draft-hinden-6man-rfc4291bis
• draft-krishnan-6man-maxra
Goals and Milestones

Done  - Submit RH0 Deprecation specification to IESG as a Proposed Standard
Done  - Submit PPP Compression Negotiation specification to IESG as a Proposed Standard
Done  - Determine way forward for ULA-C specification
Done  - Resolve open issues with "U/G" bits in Interface Identifiers

Mar 2014 - Develop approach for IPv6 Fragmentation
Mar 2014 - Develop approaches for IPv6 Extension Headers (Hop-by-Hop and Destination)
Jul 2015 - Plan for advancing core IPv6 core specifications to Internet Standard
Pointed out to the IESG that they should have involved 6man in review

Requirements:
- Needs to work across Internet
- Wants HBH behaviour, but proposes DestOpt which may have a lower drop probability

6MAN chair comments:
- HBH were designed for this, concerns about the ramifications about making DestOpt a HBH option.
- Make sure the option assignment is experimental
- Remove text implying header injection
- Concern about requiring routers to parse into the packet to find DestOpt header.
draft-ietf-ippm-6man-pdm-option

- Specifies a new destination header option
  - No apparent red flags (header injection, changes in flight…)
- Reviewers?