6MAN Working Group IETF95, Buenos Aires

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Administrivia

Jabber Room: 6man@jabber.ietf.org

Meetecho: http://www.meetecho.com/ietf95/6man

Etherpad: http://tools.ietf.org/wg/6man/minutes

Minutes taker: <TBD>

Jabber Scribe: <TBD>

Presentations:
https://datatracker.ietf.org/meeting/95/materials.html

Please sign blue sheets

Thanks Brian!
Welcome Suresh!

- IPv6 WG co-chair from 2003 - 2012

- Internet AD from 2012 - 2016

Agenda (1 of 2)

Introduction, Agenda Bashing, Document Status, Chairs, 15 min

Working Group Drafts:

- Hop by hop header handling, Fred Baker, 15 min
  draft-ietf-6man-hbh-header-handling

- IPv6 Update/Change Implementation report, Tim Winters, 15 min

- IPv6 Specifications to Internet Standard, Bob Hinden, 45 min
  draft-ietf-6man-rfc2460bis
  draft-ietf-6man-rfc4291bis
  draft-ietf-6man-rfc1981bis

- IPv6 Segment Routing Header (SRH), Stefano Previdi, 15 min
  draft-previdi-6man-segment-routing-header

- Recommendation on Stable IPv6 Interface Identifiers, Alissa Cooper, 15 min.
  draft-ietf-6man-default-iids

Agenda (2 of 2)

Active Individual Drafts:

- Extensions for Multi-MTU Subnets
  Mikael Abrahamsson, 10 min
  draft-van-beijnum-multi-mtu

- Communicating Prefix Cost to Mobile Nodes
  J. Kaippallimalil, 10 min.
  draft-mccann-dmm-prefixcost

New Individual Drafts:

- Transmission of IPv6 Packets over IEEE 802.11 Networks Outside
  the Context of a Basic Service Set
  Nabil Benamar, 5 min
  draft-petrescu-ipv6-over-80211p

Document Process

- Documents shepherded by independent working group participant. Shepherding the document from WGLC to publication.

    - Document requires a shepherd to go to WGLC.

- Document requires two independent WGLC reviewers to go to WGLC.

    - Document reviewed for WGLC readiness. Document re-reviewed before being passed to IESG.

Document Status (1 of 3)

Published since '94

- RFC 7721 (was draft-ietf-6man-ipv6-address-generation-privacy)
  Security and Privacy Considerations for IPv6 Address Generation Mechanisms

- RFC 7739 (was draft-ietf-6man-predictable-fragment-id)
  Security Implications of Predictable Fragment Identification Values

RFC Editor Queue

@IESG:

- draft-ietf-6man-deprecate-atomfrag-generation-05 (Shepherd: Bob Hinden)
  Generation of IPv6 Atomic Fragments Considered Harmful

Awaiting document shepherd / chairs

- draft-ietf-6man-ipv6-mibs-obsolete-01 (Shepherd: Ole Trøan)
  Republishing the IPV6-specific MIB modules as obsolete

- draft-ietf-6man-multi-homed-host-06 (Shepherd: Jouni Korhonen)
  Routing packets from hosts in a multi-prefix network

- draft-ietf-6man-rdnss-rfc6106bis-11 (Shepherd: Fernando Gont)
  IPv6 Router Advertisement Options for DNS Configuration

Document Status (2 of 3)

In Queue for WGLC

- draft-ietf-6man-default-iids-10
  Recommendation on Stable IPv6 Interface Identifiers

- draft-ietf-6man-rfc1981bis-01
  Path MTU Discovery for IP version 6

- draft-ietf-6man-rfc2460bis-04
  Internet Protocol, Version 6 (IPv6) Specification

- draft-ietf-6man-rfc4291bis-01
  IP Version 6 Addressing Architecture

Active WG Documents

- draft-ietf-6man-hbh-header-handling-03
  IPv6 Hop-by-Hop Options Extension Header

- draft-ietf-6man-maxra-00
  Support for adjustable maximum router lifetimes per-link

- draft-ietf-6man-rs-refresh-01
  IPv6 Neighbor Discovery Optional RS/RA Refresh

- draft-ietf-6man-segment-routing-header-01
  IPv6 Segment Routing Header (SRH)

Document Status (3 of 3)

Review from other WG:

- *draft-mccann-dmm-prefixcost*
  Communicating Prefix Cost to Mobile Nodes

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