



**I E T F**<sup>®</sup>

# **6MAN Working Group**

## **IETF 91, Honolulu**

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# Administrivia



- Services
  - Jabber Room: 6man@jabber.ietf.org
  - Meetecho: <http://www.meetecho.com/ietf91/6man>
  - Etherpad: <http://tools.ietf.org/wg/6man/minutes>
- Minutes taker: Suresh Krishnan / Fernando Gont
- Jabber Scribe: <your name here>
- Presentations:  
<https://datatracker.ietf.org/meeting/91/materials.html>
- Please sign blue sheets

# Agenda (1 of 3)



**Introduction, Agenda Bashing, Document Status, *Chairs*, 10 min.**

## **Working Group Drafts**

- Efficient ND Design Team, Status Report, Erik Nordmark, 20 min.
- Recommendation on Stable IPv6 Interface Identifiers, draft-ietf-6man-default-iids-01 , Fernando Gont, 10 min.

## **Active Individual Drafts**

- Deprecating the Generation of IPv6 Atomic Fragments, draft-gont-6man-deprecate-atomfrag-generation-01 , Fernando Gont, 15 min.
- Including Geolocation Information in IPv6 Packet Headers (IPv6 GEO), draft-skeen-6man-ipv6geo-01 , Brian Skeen, 15 min.
- The IPv6 Flow Label within a LLN domain draft-thubert-6man-flow-label-for-rpl-05 , Pascal Thubert, 15 min.

# Agenda (2 of 3)



## Active Individual Drafts (continued)

- IPv6 Prefix Length Recommendation for Forwarding, draft-boucadair-6man-prefix-routing-reco-03 , Alex Petrescu, 10 min.
- Validation of IPv6 Neighbor Discovery Options, draft-gont-6man-nd-opt-validation-01 , Ron Bonica, 10 min.
- Overview of Source Address Dependent Routing, draft-sarikaya-6man-sadr-overview-02, draft-sarikaya-6man-next-hop-ra-02.txt, draft-sarikaya-dhc-dhcpv6-raoptions-sadr-00, Bechet Sarikaya, 10 min.
- IPv6 Segment Routing Header (SRH), draft-previdi-6man-segment-routing-header-03.txt, draft-vyncke-6man-segment-routing-security-00.txt , Eric Vyncke, 10 min.

# Agenda (3 of 3)



## New Individual Drafts

- CGA SEC Option for Secure Neighbor Discovery Protocol, draft-jiang-6man-cga-sec-option-00.txt , Dacheng Zhang, 5 min.
- CGA Security Improvement, draft-rafiiee-rfc3972-bis-00 , Hosnieh Rafiee, 5 min.
- IPv6 Flow Label Reflection, draft-wang-6man-flow-label-reflection , Sheng Jiang, 5 min.
- IPv6 ND Option for Network Management Server Discovery, draft-liu-6man-nd-nms-discovery-00.txt , Bing Liu, 5 min.
- Transmission and Processing of IPv6 Options, draft-gont-6man-ipv6-opt-transmit-00.txt , Fernando Gont, 5 min.

# Document status



- RFCs since last IETF (89):
  - RFC7217 A Method for Generating Semantically Opaque Interface Identifiers with IPv6 Stateless Address Autoconfiguration (SLAAC)
  - RFC7346 IPv6 Multicast Address Scopes
  - RFC7371 Updates to the IPv6 Multicast Addressing Architecture
- RFC Editor Queue
  - draft-ietf-6man-why64-08
- Ready for the IESG:
  - draft-ietf-6man-resilient-rs-04 (in WGLC since **2013-08-23**)

# Document status II



- WGLCs:
  - draft-ietf-6man-enhanced-dad-08 Enhanced Duplicate Address Detection (nits)
- Ready for WGLC:
  - draft-ietf-6man-ipv6-address-generation-privacy-02
  - draft-ietf-6man-predictable-fragment-id-01
- Active working group drafts
  - draft-ietf-6man-default-iids-01 Recommendation on Stable IPv6 Interface Identifiers



# Document status III



- Adoption calls
  - draft-halpern-6man-nd-pre-resolve-addr (-> ISE)
  - draft-boucadair-6man-prefix-routing-reco (on the agenda)
  - draft-ietf-6man-deprecate-atomfrag-generation (adopted)
- In the queue for adoption call:
  - draft-gont-6man-nd-opt-validation (agenda)

Source: <https://datatracker.ietf.org/wg/6man/>