

IAB Report

Technical Plenary
IETF 82

November 14, 2011



IPv6 in the News



Source: Jari Akko, Internet Area Director



About the IAB

- IAB Charter (RFC 2850)
 - <http://tools.ietf.org/html/rfc2850>
- IAB website
 - <http://www.iab.org/>
- Programs
 - <http://www.iab.org/activities/programs/>
- Drafts and RFCs
 - <http://wiki.tools.ietf.org/group/iab/>
- Issue Tracker
 - <http://trac.tools.ietf.org/group/iab/trac/report/1>
- Documents & Correspondence
 - <http://www.iab.org/documents/correspondence-reports-documents/>
- Minutes (thanks to Cindy Morgan!)
 - <http://www.iab.org/documents/>



Architecture Mailing Lists

- Architecture Discussion
 - architecture-discuss@ietf.org
 - To join: <https://www1.ietf.org/mailman/listinfo/architecture>
- Privacy
 - ietf-privacy@ietf.org
 - To join: <https://www.ietf.org/mailman/listinfo/ietf-privacy>
- Internationalization
 - i18n-discuss@ietf.org
 - To join: <https://www.ietf.org/mailman/listinfo/i18n-discuss>

IAB Responsibilities (RFC 2850)



- a. IESG Appointment
- b. Architectural Oversight
- c. Standards Process Oversight and Appeal
- d. RFC Series and IANA
- e. ISOC Liaison
- f. External Liaison

Recent IAB Activities

(from www.iab.org)



- [Call for Comment on “Architectural Considerations of IP Anycast”](#)
- [IAB Appoints Peter Koch as Liaison to the RSSAC](#)
- [Call for Comment on “Independent Submission Editor Model”](#)
- [Draft on Privacy Considerations Adopted](#)
- [IAB Appoints Joel Halpern as liaison to the IESG](#)
- [IAB sends letter to the European Commission on global interoperability in emergency services](#)
- [IAB re-appoints Thomas Narten as IETF liaison to the ICANN Board of Directors](#)
- [IAB solicits additional participation in the “IPv6 for IAB Business” Initiative](#)
- [Call for Comment on “Report from the Internet Privacy Workshop”](#)
- [Call for Comment on “Report from the ‘Interconnecting Smart Objects’ Workshop”](#)
- [IAB Posts IETF 81 Technical Plenary Minutes and Presentations](#)
- [IAB Appoints Scott Mansfield as IETF Liaison to ITU-T for MPLS](#)
- [IAB Appoints John Drake as IETF Liaison to ITU-T SG-15 \(Optical Control Plane\)](#)
- [IAB Appoints Ole Jacobsen as IETF Representative to the 2012 ICANN Nomcom](#)
- [IAB responds to the Internet Assigned Numbers Authority \(IANA\) Functions Further Notice of Inquiry](#)
- [IAB Responds to “Some IESG Thoughts on Liaisons”](#)
- [IAB Retreat Minutes Posted](#)



Document Status

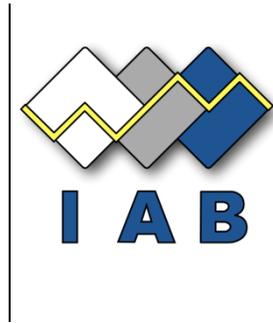
(<http://trac.tools.ietf.org/group/iab/trac/report/1>)

- In the RFC Editor Queue
 - draft-iab-privacy-workshop: **no open issues**
- In “Call for IAB Approval” (expires November 14, 2011)
 - draft-iab-smart-object-workshop: **no open issues**
- Completed “Call for Comment”: Revision pending
 - draft-iab-extension-recs: **2 open issues:** 106, 108
 - draft-iab-rfc-editor-model-v2: **20 open issues:** 41, 45, 55, 56, 57, 58, 59, 60, 62, 63, 64, 65, 66, 67, 68, 69, 70, 73, 88, 93
- In “Call for Comment” (expires November 26, 2011)
 - draft-iab-ise-model: **no open issues**
- IAB Work Items
 - draft-iab-anycast-arch-implications: **4 open issues:** 72, 107, 109, 111
 - draft-iab-dns-applications: **8 open issues:** 13, 15, 16, 34, 35, 36, 38, 74
 - draft-iab-identifier-comparison: **No open issues**
 - draft-iab-privacy-considerations: **9 open issues:** 18, 77, 82, 83, 90, 91, 95, 96, 104
- Individual submissions under consideration for adoption
 - draft-hansen-privacy-terminology: **1 open issue:** 110

Standards Process Oversight and Appeals



- <http://www.iab.org/appeals/>
- There were no appeals.



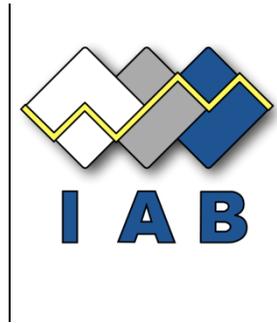
ICANN Liaison

- [Appointment of Peter Koch as liaison to the Root Server System Advisory Committee](#)
- [Re-appointment of Thomas Narten as IETF liaison to the ICANN Board of Directors](#)
- [Appointment of Ole Jacobsen as IETF Representative to the 2012 ICANN Nomcom](#)



IESG Liaison

- IAB/IESG discussion of [“IESG Thoughts on Liaisons” and IAB Response at IETF 81.](#)
- [IAB appoints Joel Halpern as liaison to the IESG.](#)
- IAB/IESG discussion of “IAB Role in New Work” at IETF 82.



PROGRAM REPORT



IAB Programs & Initiatives

- Programs
 - Privacy
 - Internationalization
 - RFC Editor
 - IANA Evolution
 - Liaison Oversight
 - ITU-T Coordination
- Initiatives
 - IP Evolution
 - IPv6 for IAB Business
 - HTTP/Web Evolution
 - DNS
 - Emergency Services (under review)

Privacy Program



- IAB Lead: Alissa Cooper
- Focus and Membership:
 - <http://www.iab.org/activities/programs/privacy-program/>
- Goals:
 - Consolidate, generalize, and expand privacy design considerations
 - Raise broad awareness of privacy impact and properties of Internet protocols
 - Understand most effective role for the IETF among community of SDOs, researchers, developers, and regulators working on Internet privacy

Privacy Program (cont' d)



- Recent activities
 - Internet Privacy Workshop jointly hosted with W3C, ISOC, and MIT
 - [draft-iab-privacy-workshop](#) has been approved for publication
 - IETF 81 technical plenary on “The Web Privacy Tussle”
 - <http://www.ietf.org/proceedings/81/technical-plenary.html>
 - Privacy reviews of existing protocols and architectures (AAA, EAP, IPv6, others)
 - <http://www.iab.org/activities/programs/privacy-program/privacy-reviews/>
 - Adopted as an IAB document:
<http://tools.ietf.org/html/draft-iab-privacy-considerations>
- Individual submissions
 - Terminology:
 - <http://tools.ietf.org/html/draft-hansen-privacy-terminology>
 - Send comments to the authors
- Discussion welcome at ietf-privacy@ietf.org

Internationalization Program



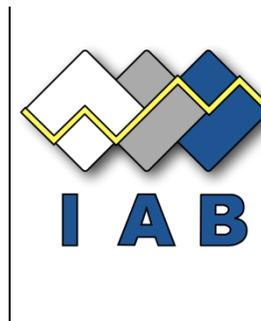
- IAB Lead: Dave Thaler
- Focus and Membership:
 - <http://www.iab.org/activities/programs/internationalization-program/>
- Recent activities
 - Monitoring Unicode 6.0 progression for any IETF impact
 - Monitoring ICANN's "Study of Issues Related to the Delegation of IDN Variant TLDs"
 - Monitoring discussion on what chars are legal in TLDs
 - Created new IAB I-D on identifier comparison security issues
 - Wider scope than just i18n issues but currently hosted by i18n program

Internationalization Program (cont' d)



- IAB Documents:
 - draft-iab-identifier-comparison-00: Issues in Identifier Comparison for Security Purposes
 - Presented to SAAG at IETF 81
 - Discussion welcome at i18n-discuss@ietf.org

RFC Editor Program



- IAB lead: Joel Halpern
- The program activities are carried out by the RFC Series Oversight Committee (RSOC):
 - <http://www.iab.org/activities/programs/rfc-editor-program/>
- Progress on filling the RFC Series Editor (RSE) position
 - Good response to RSE job advertisement
 - The RSOC has produced a list of finalists.
 - RFC Editor Production staff and IAB/IETF chairs will interview finalists by the end of October.
 - RSOC will schedule face-to-face interviews at IETF 82 and will select an RSE.
 - IAB will confirm selection and authorize IAOC negotiation by end of November.
 - Goal is appointment of an RSE by December, 2011.
- Progress on the RFC Editor Model is ongoing:
 - The RFC Editor Model v2 document is being revised:
 - <http://tools.ietf.org/html/draft-iab-rfc-editor-model-v2>
 - Call for Comment on Independent Submission Editor (ISE) Model document (split out from RFC Editor Model v2 document):
 - <http://tools.ietf.org/html/draft-iab-ise-model>
 - Community review of these and other related program activities takes place on rfc-interest@rfc-editor.org

IANA Evolution Program



- IAB Lead: Olaf Kolkman
- Focus and Membership:
 - <http://www.iab.org/activities/programs/iana-evolution-program/>
- IANA rebid by NTIA
 - Response to NTIA's NOI and FNOI
 - Various conversations with NTIA staff, including visits to NTIA DC offices
 - Communication among I* organization leadership
 - Reviewed SoW for IETF usability and best interests of the Internet at large:
 - Separation of policy versus mechanical roles and responsibilities
 - Transparency requirements
 - IAB tracking developments carefully
 - Protocol Parameter registry maintenance is a core service function for the IETF
 - [Pre-solicitation announced on October 21, 2011.](#)
 - IANA rebid by NTIA

IANA Evolution Program (cont' d)



- IAB response to ARIN request for feedback on ARIN 2011-005.
 - 2011-005 is a policy proposal to assign 'special' address space in the context of RFC2860 section 4.3.
 - Space should be allocated through IETF process.
 - Encouraged re-engagement with IETF.
 - Ross Callon serving as the IAB point of contact.
 - Subsequent progress
 - Individual submission, discussed in OPSAWG:
 - WG last call summary (September 14):
 - <http://www.ietf.org/mail-archive/web/opsawg/current/msg01921.html>
 - Updated draft:
<http://tools.ietf.org/id/draft-bdgks-arin-shared-transition-space>
 - IESG to bring the document to IETF last call as a BCP
 - Discussion taking place on ietf@ietf.org as well as opsawg@ietf.org

ITU-T Coordination Program



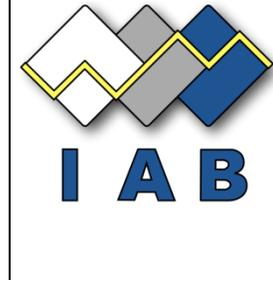
- IAB Lead: Andrei Robachevsky
- Focus:
<http://www.iab.org/activities/programs/sdo-coordination-program/>
- Recent Activities
 - SG11 – Q.flowstatesig pending consent (meeting this month)
Potential new work item on “IPv6 signaling”
 - SG15 – G.8113.1 in TAP; G.8113.2 in AAP; discussions continue
 - SG16 – Back and forth on the OPUS CODEC in the CODEC WG
 - Meeting with TSB Director Malcolm Johnson to share points of view on improving the relationship
 - 19 liaison statements between IETF and ITU since last IETF
- Evolution of advisory team
 - 5 more members added, including ISOC staff and IETF participants.
- Next steps
 - Coordination meeting in Taipei: SG15, TSAG, WTSA preparations



ITU-T Liaison Actions

- [Elliot Lear was appointed ITU-T liaison](#), replacing Patrik Falstrom (thanks, Patrik!)
- [Scott Mansfield was appointed liaison to ITU-T for MPLS](#), replacing Stewart Bryant (thanks, Stewart!)
- [John Drake was appointed liaison to ITU-T SG-15 \(optical control plane\)](#), replacing Adrian Farrel (thanks, Adrian!)

Liaison Oversight Program



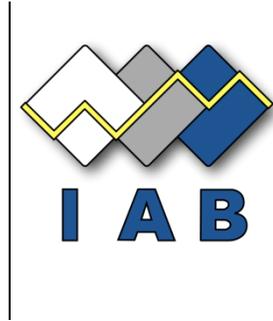
- IAB Lead: Spencer Dawkins
- Focus:
 - <http://www.iab.org/activities/programs/iab-liaison-coordination-program/>
- Recent activities
 - IAB approval of Charter & membership
 - Organizational session July 22, with review of 3GPP, IEEE 802.1, W3C, ITU-T relationships
 - Joint IAB/IESG discussion of IAB response to “IESG Thoughts on Liaisons”
- Next Steps
 - Develop work plan

IP Evolution Initiative



- IAB Lead: Danny McPherson
- Focus and membership:
<http://www.iab.org/activities/initiatives/ip-evolution/>
- Recent Activities
 - Consideration of “Referrals” problem space
 - Tech Chat on Firewalls
- IAB documents and correspondence
 - Architectural Implications of IP Anycast (In Call for Comment)
 - Smart Objects Workshop Report (In Call for Approval)
- RFCs
 - Evolution of the IP Model (RFC 6250)
 - IAB Thoughts on IPv6 Network Address Translation (RFC 5902)

IPv6 for IAB Business



- IAB Lead: Bernard Aboba
- Focus and membership:
<http://www.iab.org/activities/initiatives/ipv6-for-iab-business/>
- Recent Activities
 - Solicitation of non-IAB members:
<http://www.iab.org/2011/09/04/iab-solicits-participants-in-the-ipv6-for-iab-business-initiative/>
- Next steps
 - Test plan development
 - Testing

Emergency Services Initiative (Under Review)



- IAB Lead: Hannes Tschofenig
- Proposed Work Items:
 - High-level document that can be used to explain the IETF emergency services architecture to non-technical experts.
 - Identification of gaps and potential new work within the Emergency Services architecture. The technical work itself would be done in the IETF.
 - Development of formal and informal relationships with other with organizations active in the emergency services area, such as NENA, EENA and ETSI, to ensure a better information flow regarding relevant activities.
 - Facilitate emergency services discussions with W3C.
- Recent Activities
 - Discussion of proposed charter and membership within IAB.
- Documents and correspondence
 - [IAB sends letter to the European Commission on Global Interoperability of Emergency Services](#)
- Next steps
 - IAB (and membership) review of the proposed charter.

Open Microphone Session

