IAB Chair Report

Russ Housley

22 November 2013

Highlights Since IETF 87

- **IAB appointed Russ Mundy to ICANN NomCom for 2014**
  - **Thanks to Ole Jacobsen for his contributions for last 2 years**

- **IAB along with ISOC, IEEE, and W3C affirm the OpenStand principles for the development of global, open standards:**

  While the OpenStand principles cannot ensure that all participants are acting in good faith, following the principles is the best way we know to decrease the risk that any participant can inappropriately manipulate the standards development process. We believe organizations that operate according to the OpenStand principles create the most robust basis for trustworthy standards in all fields of technology, including security and privacy.

  - Link to the full statement <click>
  - Link to the OpenStand principles <click>

Highlights Since IETF 87 (2 of 2)

- **IAB Chair along with the leaders of nine other Internet organizations signs the "Montevideo Statement"**
  - Position regarding IANA consistent with RFC 6220 and IAB statements
  - Link to the full statement <click>

- **IAB published RFC 6950: "Architectural Considerations on Application Features in the DNS"**

- **IAB sent comments to the US NIST supporting re-opening of the comment period on NIST SP 800-90A and recommending changes to the review process for cybersecurity and cryptographic standards to enhance transparency and openness**
  - Link to the full statement <click>

Upcoming IAB Workshops

Workshop on Internet Technology Adoption and Transition (ITAT)

Date: **4-5 December 2013**
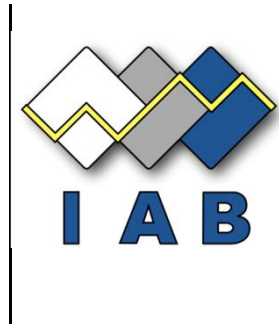
Place: **Cambridge, UK**
Information: IAB website page <click>

Workshop on Internet Hardening

Date: **28 February 2014**

Place: **London, UK**
Information: Call for paper will come out in Nov 2013

Ongoing Appointments

ICANN Technical Liaison Group (TLG)

Deadline to volunteer: **17 November 2013**

Seeking: **Two technical experts**

- One for a two year term
- One for a one year term

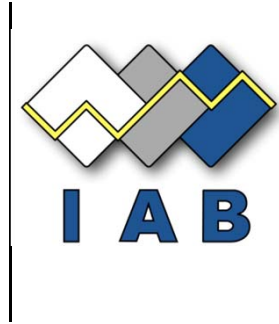Information: Message to IETF Announce mail list <click>

Russ Housley and Marc Blanchet will serve as interim members until the appointment process completes.
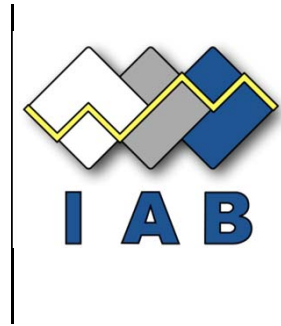
Document Status

- Published in 2013
  - RFC 6852: Affirmation of the Modern Paradigm for Standards
  - RFC 6912: Principles for Unicode Code Point Inclusion in Labels in the DNS
  - RFC 6943: Issues in Identifier Comparison for Security Purposes
  - RFC 6949: RFC Series Format Requirements and Future Development
  - RFC 6973: Privacy Considerations for Internet Protocols
  - RFC 6950: Architectural Considerations on Application Features in the DNS
- Internet-Drafts
  - draft-iab-2870bis-00 -- Will be handled by IESG to produce a BCP
  - draft-iab-anycast-arch-implications-12 – RFC Editor Queue
  - draft-iab-cc-workshop-report-01 -- Active IAB Document
  - draft-iab-filtering-considerations-04 -- Active IAB Document
  - draft-iab-host-firewalls-00 -- Active IAB Document
  - draft-iab-rfc4441rev-05 -- Community Review Complete
  - draft-iab-smart-object-architecture-03 -- IAB Review
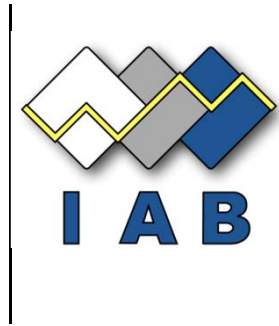 - draft-rfced-rfcxx00-retired-06 -- RFC Editor Queue

Standards Process Oversight and Appeals

- No appeals received since IETF 87

IAB PROGRAM REPORTS

About the IAB

- Charter (RFC 2850)
  - http://tools.ietf.org/html/rfc2850
- 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/

IAB Responsibilities (RFC 2850)
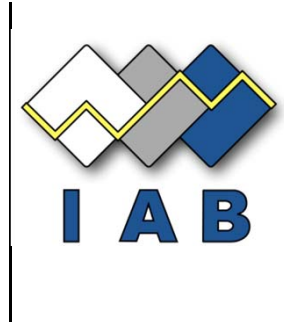
a. IESG Appointment

b. Architectural Oversight

c. Standards Process Oversight and Appeal

d. RFC Series and IANA

e. ISOC Liaison

f. External Liaison
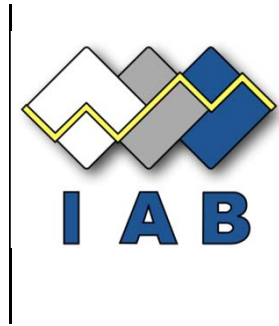
Public Mailing lists

- General Architecture Discussion
  - architecture-discuss@ietf.org
  - To join: https://www1.ietf.org/mailman/listinfo/architecture-discuss

- Internationalization
  - i18n-discuss@ietf.org
  - To join: https://www.ietf.org/mailman/listinfo/i18n-discuss

- Privacy
  - ietf-privacy@ietf.org
  - To join: https://www.ietf.org/mailman/listinfo/ietf-privacy

- RFC Series
  - rfc-interest@rfc-editor.org
  - To join: https://www.rfc-editor.org/mailman/listinfo/rfc-interest

IAB Programs

- Emergency Services (IAB Lead: Hannes Tschofenig)
- IANA Evolution (IAB Lead: Bernard Aboba)
- Internationalization (IAB Lead: Andrew Sullivan)
- IP Evolution (IAB Lead: Marc Blanchet and Dave Thaler)
- ITU-T Coordination (IAB Leads: Joel Halpern and Ross Callon)
- Liaison Oversight (IAB Lead: Eliot Lear)
- Privacy (IAB Lead: Alissa Cooper)
- RFC Editor (IAB Lead: Joel Halpern)
- Security (IAB Lead: Hannes Tschofenig)
- IAB Tools and Processes (IAB Lead: Mary Barnes)
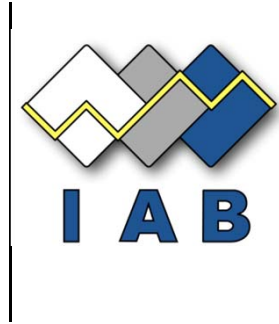
Emergency Services Program

- IAB Lead: Hannes Tschofenig

- Focus and Membership
  http://www.iab.org/activities/programs/emergency-services/

- Tasks

  - Development of a whitepaper documenting key principles in emergency services

  - Contributions to ECRIT about in-vehicle emergency calls and interactions with ETSI
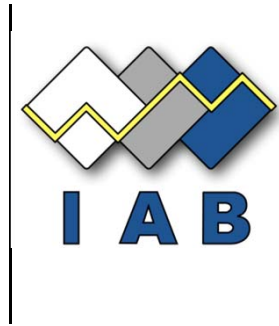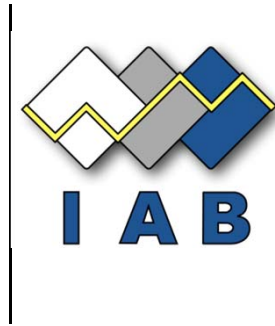
IANA Evolution Program

- IAB Lead: Bernard Aboba
- Chair: Olaf Kolkman
- Focus and Membership
  - http://www.iab.org/activities/programs/iana-evolution-program/
- Tasks
  - Strategic planning for the relationship(s), building on RFC 6220
  - Tracking developments relating to the IANA function
- Developments
  - Ongoing conversations with I* leadership, ICANN, ISOC, NRO/RIRs about the future of these relationships
  - draft-kolkman-iana-framework under consideration for adoption as an IAB document
  - 2014 SLA under development

Internationalization Program

- IAB Lead: Andrew Sullivan
- Focus and Membership
  http://www.iab.org/activities/programs/internationalization-program/
- Discussion welcome at i18n-discuss@ietf.org
- Tasks
  - Prepare draft of rfc2277bis (late)
  - Meet this week to finalize recommendations to RFC Editor for i18n and new format

IP Evolution Program

- IAB Leads: Marc Blanchet and Dave Thaler
- Focus and membership
  http://www.iab.org/activities/initiatives/ip-evolution/
- Discussion welcome at architecture-discuss@ietf.org
- Recent activities
  - Submitted draft-iab-anycast-arch-implications to RFC editor
- Active drafts
  - draft-iab-filtering-considerations
  - draft-iab-host-firewalls
  - draft-iab-smart-object-architecture

ITU-T Coordination Program

- IAB Leads: Joel Halpern and Ross Callon
- Focus and membershiphttp://www.iab.org/activities/programs/sdo-coordination-program/
- Tasks
  - Monitoring ITU-T organizational activities leading up to the 2014 Plenipotentiary conference
  - Established the internetgovtech@iab.org email list
    - There are currently 119 members of this list.
- Developments
  - Many ITU-T activities looking into SDN
  - Security Liaison activity on SMIME
 - Liaison request to IETF about Child Online Protection
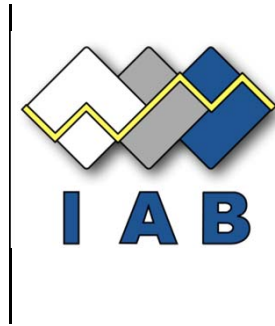
Liaison Oversight Program

- IAB Lead: Eliot Lear

- Focus and membership

  - http://www.iab.org/activities/programs/iab-liaison-coordination-program/

- Status

  - rfc4441bis documents IEEE relationship; currently in the process of being finalized

    - See draft-iab-rfc4441rev-05

  - In the process of establishing several new ISO TC liaison relationships

  - Also considering ETSI relationship

  - Conducting review of all liaison relationships

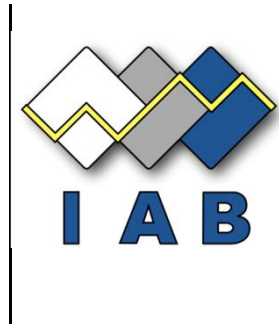 - Conducting a review of RFCs 4052, 4053, and 4691

Privacy Program

- IAB Lead: Alissa Cooper
- Focus and Membership:
  - http://www.iab.org/activities/programs/privacy-program/
- Tasks
  - Privacy tutorial
    - Trial run at IETF 87: http://recordings.conf.meetecho.com/Recordings/watch.jsp?recording=IETF87_PRIVACY_TUTORIAL&chapter=part_1
    - Updated version happening at WG Chairs' Lunch today
    - Next step: tutorial open to the community (webinar/in person)
  - Contributing to perpass discussions, including Privacy BCP
- Developments
  - Surveillance revelations
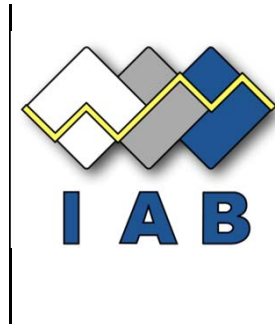
RFC Editor Program

- IAB lead: Joel Halpern
- RSOC chair: Alexey Melnikov
- Focus and membership
  http://www.iab.org/activities/programs/rfc-editor-program/
- Discussion welcome at rfc-interest@rfc-editor.org
- Tasks

  - Reviewed Performance of RSE

  - Reviewed SoWs for RPC and RFC Publisher contracts

  - Reviewed Heather's plans for RFC Format Design team
- Developments

  - See RSE presentation for continuing progress on
    RFC Format

Security Program

- IAB Lead: Hannes Tschofenig
- Focus and Membership
  http://www.iab.org/activities/programs/security/
- Tasks
  - Recruited persons to participate in the European Commission created Network and Information Security Platform (CyberSecurity initiative)
  - Verified alignment of IETF JOSE, IETF OAuth, and W3C Crypto API
  - Continue discussion about fixing Web PKI problems
    - draft-tschofenig-iab-webpki-evolution-00 provides a summary of the different solution approaches
  - Organized technical plenary on Internet hardening at this meeting
  - Organizing workshop on Internet hardening around IETF 89
  - Organizing workshop on improving the Web PKI in the future

IAB Processes and Tools

- IAB Lead: Mary Barnes
- Focus and membership: http://www.iab.org/activities/programs/iab-tools-and-processes-program/
- Recent Activities:
  - Giving IAB executive assistant admin access to mailing lists on i1b.org
  - Maintaining IAB internal wiki and public webpage including adding new members to programs, etc.
  - Maintaining and creating mailing lists for activities and programs – adding new IAB members
- Next steps:
  - IPv6 for IAB internal website
  - Ongoing tasks: maintaining internal and external wikis, maintaining iab.org and mailing lists