IAB Report

Buenos Aires, AR
2016-04
You may be interested in the IAB report to the community:

https://mailarchive.ietf.org/arch/msg/architecture-discuss/-saWedungWbiZDCcDNBzdnsS-VDg
Some thanks and welcome

Many thanks to our departing members, whom we’ll miss:
• Mary Barnes
• Marc Blanchet

A warm welcome to our new members:
• Lee Howard
• Martin Thomson
What does the IAB do?

- Confirm IESG Appointment
- Architectural Oversight
- Standards Process Oversight and Appeal
- RFC Series and IANA
- ISOC Liaison
- External Liaison
How does this relate to ISOC?

- **ISOC Liaison**
  - “source of advice and guidance to” BoT and officers
  - “technical, architectural, procedural, and (where appropriate) policy matters”

- **External Liaison**
  - “foreign office” of IETF
What’s the IAB done lately (1)?

- **RFC 7724**, “DNS Root Name Service Protocol and Deployment Requirements” (External liaison)
- **RFC 7687**, “Report from the Strengthening the Internet (STRINT) Workshop” (Architectural oversight)
- **RFC 7749**, “The 'xml2rfc' Version 2 Vocabulary” (RFC Series)
- **RFC 7754**, “Technical Considerations for Internet Service Blocking and Filtering” (Architectural oversight)
- **RFC 7827**, “The Role of the IRTF Chair” (Architectural oversight)
What’s the IAB done lately (2)?

- **Internet Of Things Semantic Interoperability (IOTSI) workshop**
- **Comments on the ICANN CCWG-Accountability third draft report** (External liaison, IANA)
- **Comments on ICANN's “Registration Data Access Protocol (RDAP) Operational Profile for gTLD Registries and Registrars** (External liaison)
What’s the IAB done lately (3)?

- Confirmed the IESG appointments from Nomcom (Confirm IESG)
- Selected Adam Roach for RFC Series Oversight Committee
- Selected a new appointment to the ISOC Board of Trustees (sent to ISOC elections committee)
IAB Programs

http://www.iab.org/activities/programs/

- Emergency Services (closed at IETF 95)
- IANA Evolution
- IETF Protocol Registries Oversight Committee (IPROC, with IAOC)
- Internationalization
- IP Stack Evolution
- Liaison Oversight
- Names and Identifiers
- Privacy and Security
- RFC Editor (includes RSOC)
“Foreign office”

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IANA Transition

- Continues to take a lot of attention and time
- IPR issues apparently in hand
- Contractual issues next up
- Andrew paying attention to ICANN bylaws issues
- Russ paying attention to implementation ("IOTF")
- Timeline very challenging
Documents

We got ’em. It’s easiest to use the datatracker.

• Many current documents are for the RFC Series changes
• Current list is in the full report
IoT Semantic Interoperability Workshop

https://www.iab.org/activities/workshops/iotsi/

- Problem: many data models for the same things (e.g., lights) being done across industry, how do we get interop?
  - RFC 7452 & IETF 92 plenary: this issue is largely NOT an IETF problem
- Workshop Goals:
  - Facilitate introductions between relevant organizations
  - Discuss how to interop/translate (NOT “everyone should just adopt my solution”)
  - Identify opportunities for future cross-organization collaboration
- 66 submissions, 42 accepted, 37 attended (original goal was <40)
  - AllSeen Alliance, IPSO Alliance, ETSI, IETF, IAB, W3C, OCF (OIC, UPnP), NIST, OGC, OpenDOF, CableLabs, OMA, ZigBee Alliance, even the EC
  - Vendors, operators, research organizations
IOTSI Outcome

• Several orgs co-located meetings in silicon valley earlier that week:
  • ZigBee, IRTF T2TRG, OCF (OIC, UPnP), ...
  • Several joint meetings were then organized:
    • E.g,: W3C WoT IG + IRTF T2TRG + OCF,    OCF + Thread,    ...

• Even before the workshop began, the workshop was already meeting its goals

• Public mailing list open: iotsi@iab.org

• Meeting notes (to be turned into report): https://goo.gl/vzlu0y

• Public repo being created at https://github.com/iotsi to share info
IAB Names & Identifiers Program

• “The Names and Identifiers Program covers various topics concerning naming and resolution....Identifiers — not just domain names, but all identifiers — and the resolution of them are important both to users and applications on the Internet.”

• Initial questions:
  – some basic terminology: “names,” “identifiers,” and “name resolution”
  – overview: where are naming protocols and infrastructure important to the work of the IETF?
  – what should protocol designers know about re-using existing naming systems or inventing their own?

• Program description: https://www.iab.org/activities/programs/names-and-identifiers-program/
Things we’re doing

- **draft-lewis-domain-names-01**: history and definitions (terminology)
- **draft-trammell-inip-pins-01**: idealized naming system (guidance to protocol designers)
- **draft-hardie-resolution-contexts-02**: resolution context considerations (guidance to protocol designers)
- ARCING BOF (was Tuesday): looking beyond DNS context for Internet names (guidance to protocol designers)
- Public mailing list: inip-discuss@ietf.org and https://www.iab.org/mailman/listinfo/inip-discuss
Workshops and transparency

https://mailarchive.ietf.org/arch/msg/architecture-discuss/Vns0-GWYOHqP9wq7uic0DS331co

• We understand the desire (and feel it too)
• Certain features not so good remotely
  • Informal interaction
  • Small group
  • Sometimes have to use Chatham House
• Remote support is not free
• So, remains up to program committee
About the IAB

- Charter (RFC 2850)
- Website
  - http://www.iab.org/
- Programs
  - http://www.iab.org/activities/programs/
- Drafts and RFCs
- Issue Tracker
  - http://trac.tools.ietf.org/group/iab/trac/report/1
- Documents & Correspondence
- Minutes (thanks to Cindy Morgan!)
  - http://www.iab.org/documents/
Public Mailing lists

- **General Architecture Discussion**
  - [architecture-discuss@ietf.org](mailto:architecture-discuss@ietf.org)
  - To join: [https://www1.ietf.org/mailman/listinfo/architecture-discuss](https://www1.ietf.org/mailman/listinfo/architecture-discuss)

- **RFC Series**
  - [rfc-interest@rfc-editor.org](mailto:rfc-interest@rfc-editor.org)
  - To join: [https://www.rfc-editor.org/mailman/listinfo/rfc-interest](https://www.rfc-editor.org/mailman/listinfo/rfc-interest)

- **Internet Governance and IETF technical work**
  - [internetgovtech@iab.org](mailto:internetgovtech@iab.org)
  - To join: [https://www.iab.org/mailman/listinfo/internetgovtech](https://www.iab.org/mailman/listinfo/internetgovtech)

**Program lists:** [name below]@iab.org, join at [https://www.iab.org/mailman/listinfo/[name below]](https://www.iab.org/mailman/listinfo/[name below]):

- emserv-discuss
- privsec-discuss
- i18n-discuss
- stackevo-discuss
- inip-discuss