

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/-saWedungWbiZDCcDNBzdnS-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”

- Emergency Services (closed at IETF 95)
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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)
 - <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/>



Public Mailing lists

- **General Architecture Discussion**
 - architecture-discuss@ietf.org
 - To join: <https://www1.ietf.org/mailman/listinfo/architecture-discuss>
- **RFC Series**
 - rfc-interest@rfc-editor.org
 - To join: <https://www.rfc-editor.org/mailman/listinfo/rfc-interest>
- **Internet Governance and IETF technical work**
 - internetgovtech@iab.org
 - To join: <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