

IAB report to the community for IETF 97

Dear colleagues,

This is the usual IAB report to the community about our activities since the previous meeting (in this case, since IETF 96 in Berlin). As ever, we hope that this form allows you to prepare topics you might want to discuss during the open mic. But of course, if you have views you want to make known by email, we're easy to reach: send mail to architecture-discuss@iab.org to reach our public discussion list, and iab@iab.org to reach just the IAB.

The IAB has a few chartered roles. We confirm the appointments to the IESG and perform standards process oversight and handle appeals. We also perform architectural oversight (including appointing the IRTF Chair), we manage the RFC series and the IETF's relationship with IANA, and we handle liaisons both to ISOC and to other organizations. We try to ensure that anything we do is part of one of these areas of responsibility, and we try to make sure these are all covered.

Here's what we've been doing since IETF 96. You can find mention of each of these on the IAB pages at <https://www.iab.org> (where there's more background, too):

- RFC Format Changes. You've been hearing for some time about these, and in August the IAB approved the documents to let them take effect. We'll start to see the changes rolling out into the series soon. Not all the changes will be visible in every stream right away, but there's reason to believe that the IAB, as the body with oversight of the series, will adopt some of the new features early. (RFC Series)
- New IRTF Chair. We appointed Allison Mankin as the new IRTF chair, to replace the departing Lars Eggert. We appreciate Lars's years of service and Allison's willingness to take on this role. We also appreciate the other skilled volunteers who made our selection so difficult. Allison's term actually begins in March, but the early appointment allows an overlap with the end of Lars's term so that the change is smooth. (architectural oversight, IRTF chair)
- Appointment to RZERC. The IANA transition created a Root Zone Evolution Review Committee. We appointed Jim Reid to it. We thank him for his service and the other volunteers for being willing to serve. (IANA, external liaisons)
- Appointment to ICANN Nomcom. We re-appointed Tim Wicinski to the ICANN Nomcom. We have heard from previous appointees that there is a significant advantage to re-appointment to this position, so we thank Tim for being willing to take this appointment on again.
- Appointment to ICANN Technical Liaison Group. ICANN maintains a group that advises the Board on technical matters pertinent to ICANN's activities. We re-appointed Paul Wouters to this position. In the aftermath of the IANA transition, there may be some demand for advice from the TLG, so we appreciate Paul's willingness to stand again.
- IAOC appointment selection in process. In alternate years, the IAB appoints one IAOC member for a two-year term. The appointee is also as a consequence a Trustee of the IETF Trust. The IAB is soliciting comments on the candidates, until 30 November. See the call for feedback at <https://www.iab.org/2016/11/03/please-comment-on-iaoc-candidates-for-iab-selection/>.
- Statement about the IANA stewardship transition. The IAB put out one final statement in support of the IANA transition near the end of that process.
- Statement about IPv6. The IAB made a statement about the need for IPv6 support, intended particularly for other SDOs whose work needs to interoperate with IETF standards.

DOCUMENTS

You can always find the documents the IAB has adopted and is working on at <https://datatracker.ietf.org/stream/iab>. This report leaves out discussing any to do with the RFC format changes, because while they still appear in the list, they're approved and just working their way through to publication.

There are in process some workshop reports:

- draft-iab-carisreport-00
Coordinating Attack Response at Internet Scale (CARIS) Workshop Report (in community review)
- draft-iab-iotsi-workshop-00
Report from the Internet of Things (IoT) Semantic Interoperability (IOTSI) Workshop 2016
- draft-iab-iotsu-workshop-00
Report from the Internet of Things (IoT) Software Update (IoTSU) Workshop 2016

Also, draft-nrooney-marnew-report-02 [IAB Workshop on Managing Radio Networks in an Encrypted World (MaRNEW) Report] has actually been adopted by the IAB, but the iab- filename version hasn't been uploaded yet so it does not appear in the datatracker as an IAB stream document at the moment. That will likely change soon.

We have an administrative procedure document in community review:

- draft-iab-rzerc-01
IETF ICANN Root Zone Evolution Review Committee Appointment Procedures

The other documents are related to the IAB's architectural functions:

- draft-iab-privsec-confidentiality-mitigations-08
Confidentiality in the Face of Pervasive Surveillance
- draft-iab-protocol-transitions-03
Out With the Old and In With the New: Planning for Protocol Transitions
- draft-iab-web-pki-problems-05
Improving the Public Key Infrastructure (PKI) for the World Wide Web

Two of these come from the IAB Privacy and Security program.

PROGRAMS

The IAB organizes its work, for the most part, into programs. There are basically two classes: management programs and architectural programs. The former are how we handle the oversight of various things, and the latter are where we do architectural work. The former are expected to last as long as the IAB continues to have that oversight function; the latter last until the IAB has come to a conclusion on the relevant group of topics, and we expect them to wind down afterwards. Programs are listed at <https://www.iab.org/activities/programs/>. In general, programs and their mailing lists are closed to members. But also as a general rule, there is a public list associated with architectural programs that is public. For subscription instructions, see <https://www.iab.org/iab-mailing-lists/>.

We review programs periodically. If you've read previous reports, you will know that we had a very aggressive period of reviewing everything to ensure we were up to date. Now that that's complete, we have reduced the frequency but are still reviewing architectural programs so that they are examined more often than annually. The Privacy and Security Program has the two documents mentioned above, and is also deciding what to do with draft-hardie-privsec-metadata-insertion. The program will also meet this week to discuss whether it needs to be re-scoped (or perhaps whether it is finished) once these documents are done.

We added a new program since IETF 96: the Plenary Planning Program, to ensure that the IAB component of the IETF plenary is improved. It will meet during IETF 97, as will the Internationalization Program, the Names and Identifiers Program, the Stack Evolution Program, and the RSOC.

During the time leading up to the IANA stewardship transition, it became clear that a body had come into existence that was originally supposed to be informal: IPROC (IETF Protocol Registries Oversight Committee). To tidy things up, the IAB created a program that was also a subcommittee of the IAOC and that would serve this role. Now that the new Supplemental Agreement is in place between the IETF and ICANN, this formalism is no longer needed. In keeping with the principle, "Just enough formality to get things done," we expect to wind this program down as soon as the IAB and IAOC can co-ordinate it.

A RETURN TO ARCHITECTURE

Finally, we can report the happy news that the IANA stewardship transition did happen as scheduled on 1 October 2016. There was some turbulence in that plan in the period since IETF 96, but in the end it worked out. This means that the IAB can spend less time on administrative issues like IANA and return some of its attention to the architectural issues facing the Internet. We hope that the plenary discussion at IETF 97 is a good way to mark that turn of attention.

Respectfully submitted,

Andrew Sullivan

For the IAB

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