

# IAB Update to ISOC Board of Trustees

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Comments to Leslie Daigle ([leslie@thinkingcat.com](mailto:leslie@thinkingcat.com))

## Strategic Outlook

At its retreat in May, the IAB identified 3 key areas of focus for its work in the upcoming year. These are, in essence, a refinement of the IAB's strategic (technical) trajectories.

*Routing and Addressing Issues:* In different venues, there are discussions of shortcomings of existing routing and addressing infrastructures. There is no clear path forward. The IAB aims to work with the rest of the technical community to distill a better description of the immediate issues and illuminate possibilities for moving forward.

*Edge challenges:* There are interesting stresses being put on the Internet by requirements at or near the "edge". For example, different approaches to implementing "mobility" have different approaches to making use of addresses; whether a host's address is stable over time has further implications for higher layer protocols. The IAB determined to publish surveys and reviews of some of the activities regarding edge challenges, to help clarify.

*Internet Architecture for All:* There are basic tenets of Internet architecture that have been passed along to new Internet engineers over the years, to the point where the distinction between "architectural principle" and "dogma" is sometimes blurred. The IAB committed to providing updated communications (documents, etc) to help elaborate architectural principles and tradeoffs that are still important, timely and applicable. This includes technical documentation and refining (or establishing) relationships with other organizations working in networking technologies.

It is primarily in the latter effort that the IAB looks for continued collaboration with ISOC in its efforts to communicate realities of the Internet to a broader audience.

Additionally, the IAB is continuing its work with the community in expressing and refining the RFC Series and RFC Editor models, including Independent Submissions (draft-iab-rfc-editor; support for community discussion of draft-klensin-rfc-independent). This is being coordinated with the IAOC's RFC Editor RFP process, and we anticipate further refinement of the definition of the RFC Editing function(s) over the next couple of years, in order to support the IAOC's efforts in future RFP processes.

## Recent IAB Activities

### ***Document highlights***

New drafts of note:

*draft-iab-iwout-report-00.txt*, “Report from the IAB workshop on Unwanted Traffic March 9-10, 2006” – an expose of issues and realities of unwanted traffic, as seen from a variety of perspectives (operator, infrastructure operator, researcher, etc).

*draft-iab-multilink-subnet-issues-00.txt*, “Multilink Subnet Issues” – reviews the issues and potential problems that have been raised with proposals that a subnet may span multiple links connected by routers.

*draft-iab-net-transparent-00.txt*, “Reflections on Internet Transparency” – elaborating the basic principles (and importance) of transparency in effective network communications. This is technical material in support of true neutrality in the network.

In RFC Editor queue

- *draft-iab-liaison-guidelines-04.txt*
- *draft-iab-dos-05.txt*

Published:

- RFC4690, “Review and Recommendations for Internationalized Domain Names (IDNs)”

### ***Communications***

Responded to the US DoC NTIA request for input on ICANN

- <http://www.iab.org/documents/correspondence/2006-07-09-IAB-NTIA-NOI-Response.pdf>

### ***Other IAB meetings***

The IAB held an invitational workshop on Routing and Addressing Issues, October 18/19, 2006. This meeting had 35+ attendees, from IAB, IESG, operators, researchers, etc. Discussion was vibrant and communicated urgency in getting the issues on the table and into general, public discussion. Look for a readout at the IAB plenary in San Diego, and a draft of the workshop report in as few weeks as possible.

### ***Appeals***

*July 13, 2006*: IAB response to Dean Anderson’s appeal of “posting rights” action against Mr. Anderson. The IAB upheld the IESG decision.

- <http://www.iab.org/appeals/2006-07-13-anderson-response.html>

*September 7, 2006:* IAB response to J. F. C. Morfin appeal against IESG's consideration of expediting of documents. The IAB denied the appeal.

- <http://www.iab.org/appeals/2006-09-07-jefsey-response.html>

*September 27, 2006:* IAB response to Dean Anderson's appeal of the IESG's decision to Last Call draft-ietf-grow-anycast-03. The IAB denied the appeal.

There is one outstanding appeal, from J. F. C. Morfin, against a "posting rights" action and the IESG's handling of Mr. Morfin's earlier appeal. The appeal text is available here: <http://www.iab.org/appeals/2006-09-11-jefsey-appeal.pdf>.

## **IAB Background Materials**

### ***IAB Documents***

See all the published ones at

<http://www.iab.org/documents/selected-iab-documents.html>

See all the current IAB Internet-Drafts at

<http://www.iab.org/documents/drafts/index.html>

### ***Minutes***

Available from

<http://www.iab.org/documents/iabmins/index.html>