

# Technical Plenary

IETF66, Montreal

Thursday, July 13, 2006

# Agenda

- IAB Plenary
  - 17h00 Welcome and introduction (Leslie Daigle)
  - 17h05 IRTF Report (Aaron Falk)
  - 17h15 IRTF Technical Presentation -- SAM RG (John Buford)
  - 17h40 IAB update (Leslie Daigle)
  - 17h50 IAB & RFC Editor (Leslie Daigle)
  - 18h00 IAB open Mic
- Open Community discussion of Independent Submissions Process
  - 18h30 [independent@ietf.org](mailto:independent@ietf.org)

# IAB Chair's Report

Leslie Daigle

July 13, 2006

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

“A” is for “architecture”



# Recent document highlights

- In RFC Editor queue
  - draft-iab-idn-nextsteps
  - draft-iab-liaison-guidelines
- 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 activities

- Retreat
  - May 29/30 in Alexandria, Virginia
  - Looked at key areas for upcoming year
    - Routing and Addressing Issues
    - Edge challenges
    - Internet Architecture for All
- Appeals
  - Dean Anderson appeal of posting rights action
    - IAB upheld the IESG decision to revoke Dean Anderson's posting rights, under RFC 3683.
    - <http://www.iab.org/appeals/2006-07-13-anderson-response.html>

“A” is for “activity”



# Continuing Activities

- IAB IPv6 Multihoming BoF at RIPE
  - Taking the discussion to operator/other fora, trying to bring more perspectives to IETF discussions
  - This was a follow up to our sessions at NANOG in October 2005 and APRICOT in March 2006
    - <http://www.iab.org/documents/open-mtgs/index.html>
- Workshops
  - “Routing and Addressing”
    - Under discussion for the Fall -- still working on details
    - Was brought up at this week’s Routing & Internet Area meetings

# Community Moves

- Support for RFC Editor RFP
  - Working with IAOC
  - Supporting TechSpec, INDEPENDENT discussions
  - March's proposed RFC Editor charter has lead to draft-iab-rfc-editor
    - further discussion in a few moments



# A few words about draft-iab-idn-nextsteps

- IAB Report
  - Identifies issues
  - Sometimes identify possibilities
  - Tries to identify who should look at them
  - Does not propose solutions
- Some issues..
  - Do not have solutions other than education and awareness or
  - Getting the problem out of the DNS

# Problems with *Using* IDNA and IDNs

- Character spoofing and similarities
  - Can't be “fixed” technically
  - Hard to design policies that help for many cases
  - Impossible to prevent all cases
- Transcription from written form
- Human expectations and DNS ones
  - Different
  - DNS much less flexible

# Main Issues and Conclusions

- IDNA –especially the tables– needs another look
  - (Other uses of Unicode in IETF contexts too?)
- Need stable normalization
- More restricted permitted character list?
- No IDNA/DNS solution to several problems
- Another look at “above DNS” approaches?