IETF Status at IETF 82

Russ Housley
IETF Chair
IETF 82 Participants

- 931 people
  - 148 newcomers
  - IETF 79 was 1207 people

- 48 countries
  - IETF 79 was 53 countries

IETF 79 was held in Beijing
IETF Activity since
IETF 81 (Quebec City)

- 4 New WG, 8 Closed WGs
  - Approximately 117 WGs currently chartered
- 512 New I-Ds (167 were updated, 32 more than once)
  - 41% (211 New I-Ds) received in the 4 weeks before the meeting
- 1112 I-Ds were updated (again, some more than once)
  - 49% (552 Updated I-Ds) received in the 4 weeks before the meeting
- 99 IETF Last Calls
- 107 I-Ds approved for publication
- 97 RFCs published
  - 51 Standards Track and 7 BCP
  - 35 Informational and 2 Experimental

*These are measures of quantity; they say nothing about quality!*
IANA Activity since IETF 81
(actually Jul 2011-Oct 2011)

- Processed 1320 IETF-related requests, including:
  - 616 Private Enterprise Number requests
  - 62 port number requests
  - 54 TRIP ITAD Number requests
  - 64 media type requests
- Reviewed 118 I-Ds in Last Call, and reviewed 123 I-Ds in IESG Evaluation
- Reviewed 105 I-Ds prior to becoming RFCs, and 57 of them contained actions for IANA
IANA Activity since IETF 81 (continued)

- IANA continues to deliver! Processing goal averaging at 95% for IETF-related requests
- For statistics and activity reports, please see: http://www.iana.org/about/performance/ietsf-statistics
- For the plenary report for IETF 82, please see: http://iaoc.ietf.org/plenary_reports.html
- Continuing to convert protocol registries to XML
  - 80% complete
- Time Zone Database is now published by ICANN, please see: http://www.iana.org/time-zones
RFC Editor Activity since IETF 81
(actually Jul 2011-Oct 2011)

Annual RFC Publication Rate

- 2004: 281
- 2005: 327
- 2006: 459
- 2007: 320
- 2008: 290
- 2009: 286
- 2010: 363
- YTD: 344
RFC Editor Activity since IETF 81
(actually Jul 2011-Oct 2011)

- `rfc-Interest@rfc-editor.org` is used for all cross-stream RFC matters, like tools, policy, and style; recently:
  - RFC Editor and Independent Editor models:
    - `draft-iab-rfc-editor-model-v2`
    - `draft-iab-rfc-independent`
  - Authors, Editors, and Contributors proposed policy posted on 20 Sep 2011
- This list is **not** for discussion of content of individual RFCs
Time Zone Database (1 of 2)

- Arthur David Olson started the TZ Database in mid-1980s as a public service with no expectation of payment or other reward
- TZ Database has become globally vital
- Nearing retirement, Arthur David Olson sought a new home for the TZ Database
- The TZ community selected iana.org
- IESG approved policy for TZ Database
  - Document is in RFC Editor Queue
  - draft-lear-iana-timezone-database-04
Time Zone Database (2 of 2)

- Astrolabe, Inc. filed suit against Arthur David Olson and Paul Eggert, another member of the TZ community, for copyright infringement
- TZ Database taken offline on 7-Oct-2011
- Internet community helped arrange pro bono legal assistance for Arthur David Olson
- ICANN brought the TZ Database online at iana.org on 14-Oct-2011
- Robert Elz selected as TZ Coordinator on 3-Nov-2011
*** Thanks for the Code

Code sprint was very successful on Saturday!
- Incremental improvements to datatracker deployed
- Beta version of new xml2rfc tool now available on xml.resource.org

- Robert Sparks
- Lars Eggert
- Henrik Levkowetz
- Elwyn Davies
- Suresh Krishnan
- Stephen Farrell
- Ryan Cross
- Tero Kivinen
- Dow Street
- Adam Roach
- Tony Hansen
- Pete Resnick
- Wes Eddy

Nice Job!
IETF EDU Team

- Chartered in 2003
- Runs Sunday Tutorials
  - Newcomer’s Training
  - Process/Tools Training
  - Technical Tutorials
- Runs Training Sessions for WG Chairs
  - During Wednesday Lunch
- http://edu.ietf.org

Current Members:
Scott Bradner
Brian Carpenter
Avri Doria
Alice Hagens
Russ Housley
Mirjam Kuehne
Thomas Narten
Radia Perlman
Margaret Wasserman

More help needed!
Too many crypto options considered harmful?

- New algorithms are being developed, written up as I-Ds, with TLS ciphersuites, etc...
- Each new crypto algorithm increases cost and probability of non-interop
- How to handle this?

Number of symmetric ciphers over time

Future meetings

IETF 83
Paris, France
25-30 March 2012
Main host: TBD

IETF 84
Vancouver, Canada
29 July - 3 August 2012
Main host: Google

IETF 85
Atlanta, Georgia, USA
4-9 November 2012
Main host: North American Cable Industry

Please remember the IETF scheduling experiment. Meeting will run until Friday at 1330. Also, late schedule changes are quite common.