

# IETF Status at IETF 82

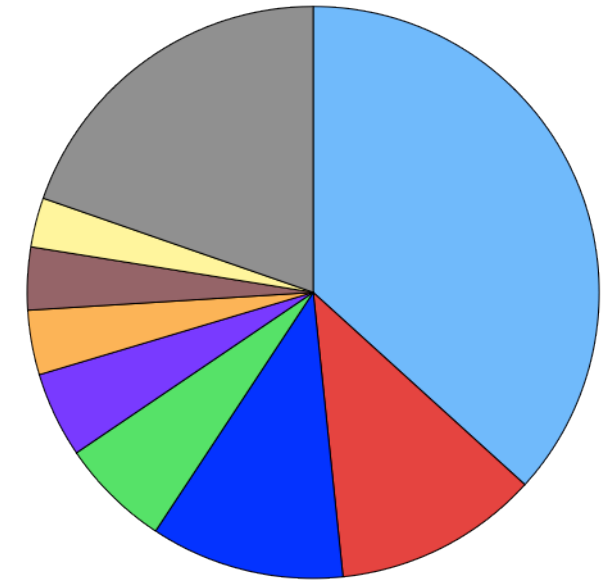
Russ Housley  
IETF Chair



# 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*



US	CN	JP
TW	KR	DE
FR	FI	Others

# 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)



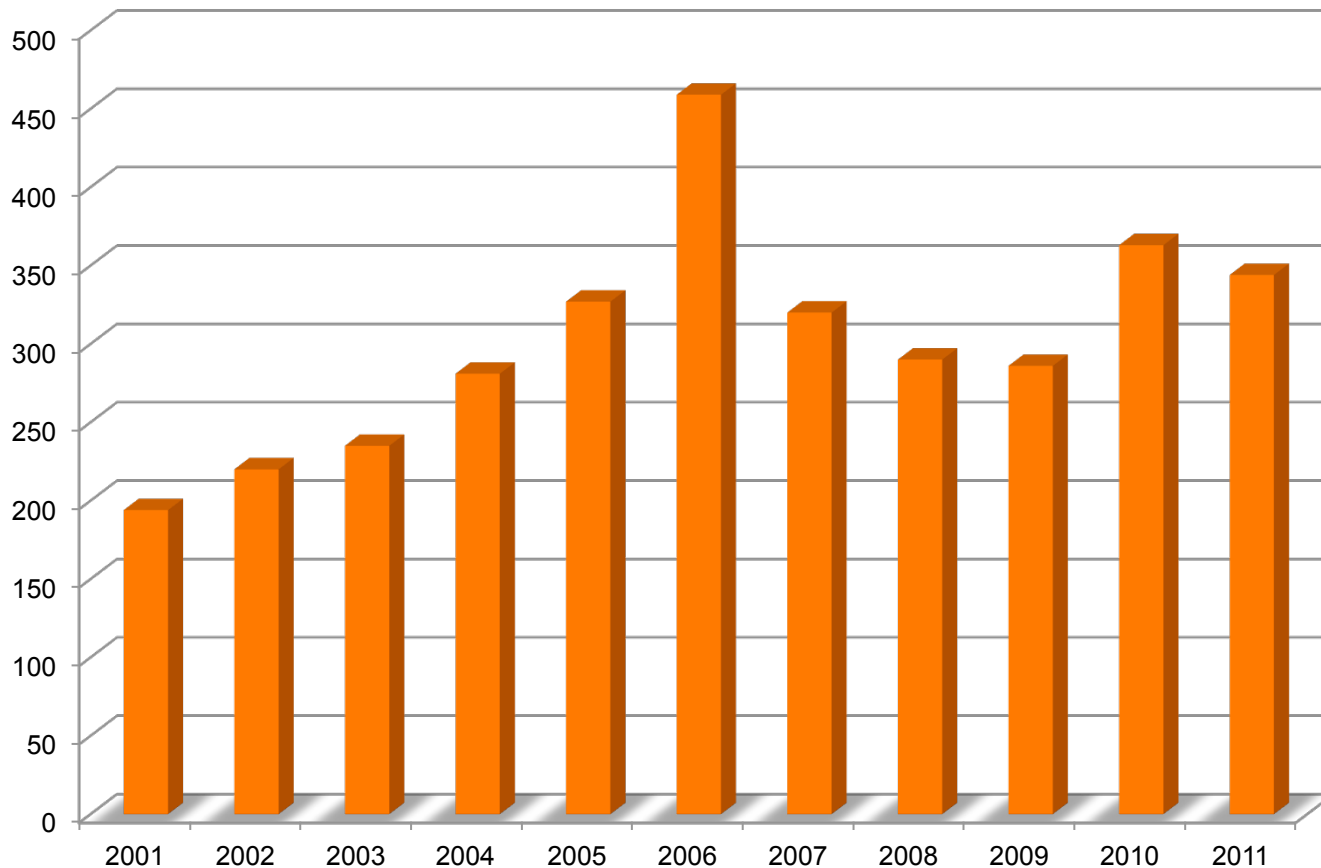
- IANA continues to deliver! Processing goal averaging at 95% for IETF-related requests
- For statistics and activity reports, please see:  
<http://www.iana.org/about/performance/ietf-statistics>
- For the plenary report for IETF 82, please see:  
[http://iaoc.ietf.org/plenary\\_reports.html](http://iaoc.ietf.org/plenary_reports.html)
- 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](http://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](http://xml.resource.org)

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



# 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

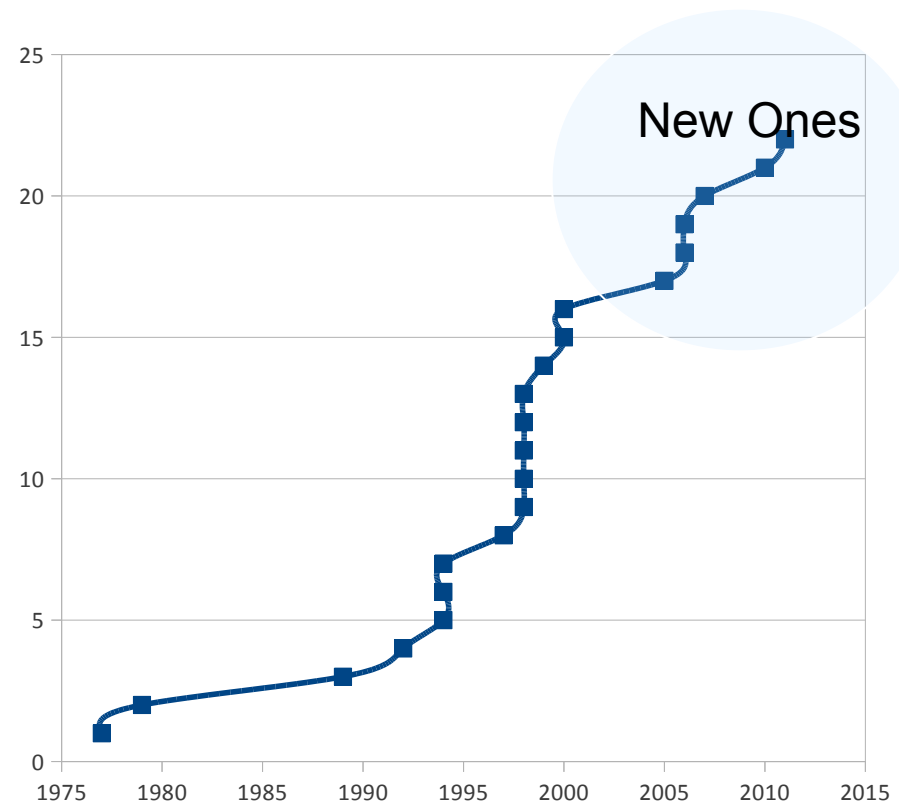
## More help needed!

# 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.***