

# IETF Status at IETF 80



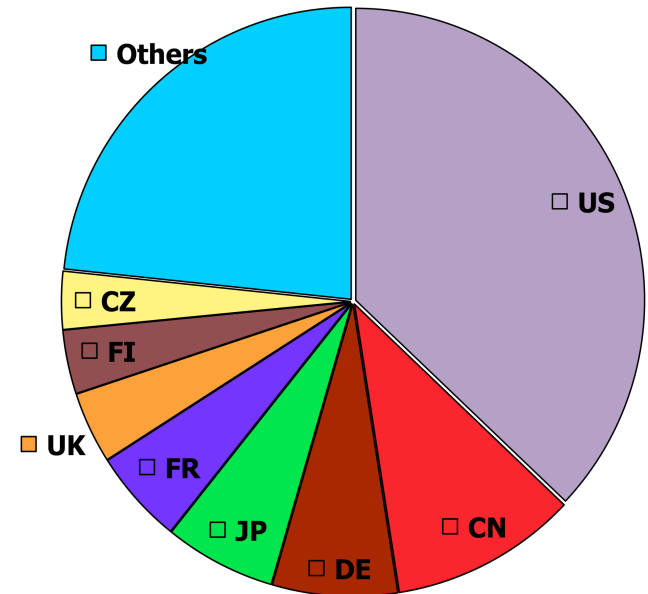
Russ Housley  
IETF Chair



# IETF 80 Participants

- 1196 people
  - 173 newcomers
  - IETF 77 was 1192 people
- 49 countries
  - IETF 77 was 48 countries

*IETF 77 was held in Anaheim*



■ US ■ CN ■ DE ■ JP ■ FR ■ UK ■ FI ■ CZ ■ Others

# IETF Activity since IETF 79 (Beijing)



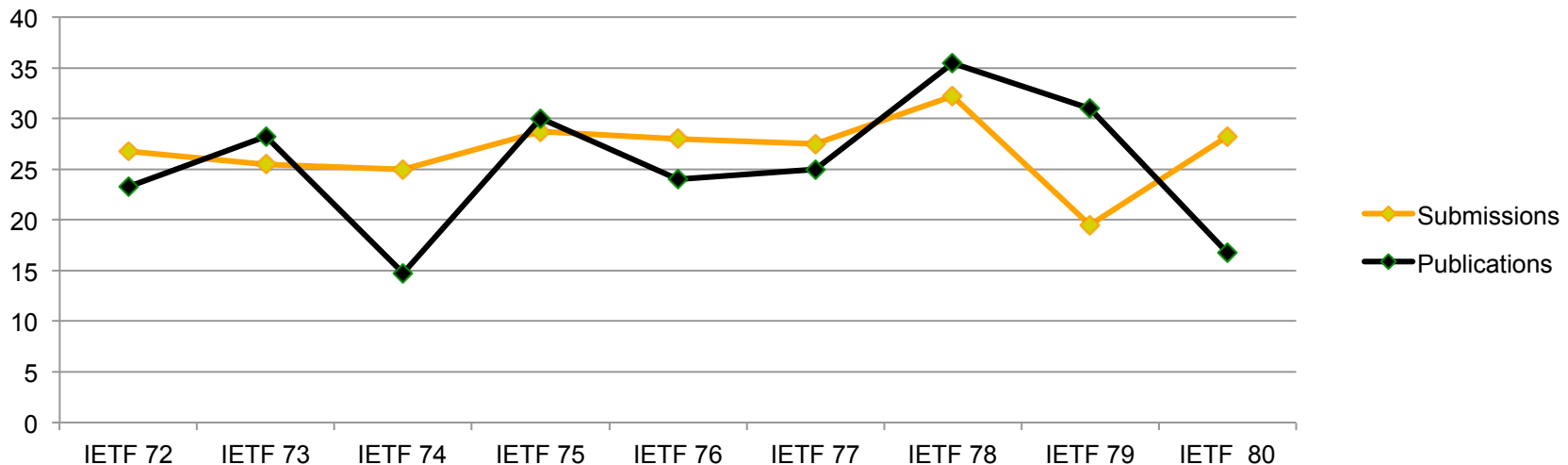
- 11 New WG, 14 Closed WGs
  - Approximately 121 WGs currently chartered
- 608 New I-Ds (191 were updated, 54 more than once)
  - 42% (260 New I-Ds) received in the 4 weeks before the meeting
- 1237 I-Ds were updated (again, some more than once)
  - 49% (608 Updated I-Ds) received in the 4 weeks before the meeting
- 151 IETF Last Calls
- 164 I-Ds approved for publication
- 104 RFCs published
  - 54 Standards Track and 3 BCP
  - 36 Informational and 10 Experimental

*These are measures of quantity; they say nothing about quality!*

# RFC Editor Activity since IETF 79 (actually Nov 2010-Feb 2011)



- Published 74 RFCs (about 1940 pages)
- 122 I-Ds Submitted for publication
  - 81 IETF WGs
  - 32 IETF Individuals
  - 9 IRTF, IAB, and Independent combined





# IESG Observation

## RFC Editor Average Processing Time

- Edit 3.5 weeks
- RFC Edit 1.9 weeks
- Auth48 2.0 weeks

**You can reduce the processing time by 25% !!!**

# **RFC Editor Model Update**

## **RFC Editor Model v2 Discussion**

Internet-Draft: draft-iab-rfc-editor-model-v2-00

Discussion: [rfc-interest@rfc-editor.org](mailto:rfc-interest@rfc-editor.org)

## **RFC Series Oversight Committee (RSOC)**

IAB Appointed on 25 March 2011:

Fred Baker, Nevil Brownlee, Bob Hinden,  
Ole Jacobsen, John Klensin, Alexey Melnikov

# RFC Editor Transition



**RFC Editor**



**RFC Series Editor (RSE)**  
*[STILL IN TRANSITION]*

**Independent  
Submissions Editor (ISE)**

**RFC Production Center**



**RFC Publisher**



**Nevil  
Brownlee**

**RFC Editor Model (RFC 5620)**

# RFC Series Editor Transition



**RFC Editor**



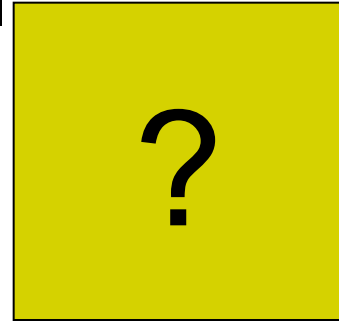
**Interim RFC Series Editor**



**Transitional RFC Series Editor**

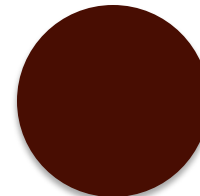


**Acting RFC Series Editor**



**RFC Series Editor**

ARSE



# IANA Activity since IETF 79 (actually Nov 2010-Feb 2011)



- Processed 1468 IETF-related requests, including:
  - 680 Private Enterprise Number requests
  - 79 port number requests
  - 47 TRIP ITAD Number requests
  - 15 language subtag requests
  - 46 media type requests
- Reviewed 136 I-Ds in Last Call, and reviewed 134 I-Ds in IESG Evaluation
- Reviewed 117 I-Ds prior to becoming RFCs, and 57 of them contained actions for IANA

# IANA Activity since IETF 79 (continued)



- IANA continues to deliver! Cumulative percentage average was 98% 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 80, please see:  
[http://iaoc.ietf.org/plenary\\_reports.html](http://iaoc.ietf.org/plenary_reports.html)
- Continuing to convert protocol registries to XML
  - 75% complete

# Important Dates for IETF 81

- Desire to give more time from the end of this meeting for preparation of BOF requests
  - Two weeks later
- However, getting the first draft of the agenda out sooner would be helpful to everyone
  - WG slot request due one week earlier
- Please provide BOF request as soon as it is fully baked ... IESG and IAB will only have 3 days if you wait to the bitter end



# Exhaustion of IANA IPv4 Unicast Address Free Pool



3 February 2011



# MPLS-TP Situation

- IETF and ITU-T formed a Joint Working Team (JWT) on MPLS for transport networks
  - JWT Agreement reached in December 2008
  - Whole JWT Report in RFC 5317
- Using normal IETF process, MPLS WG picked one solution for MPLS OAM
- ITU-T SG15 voted to create an ITU-T standard based on OAM solution rejected by MPLS WG
  - On 25 Feb 2011, JWT agreement breached
- Will brief ISOC Advisory Council on Friday

# Earthquake in Japan on 11-March-2011



- Right after the Magnitude 9.0 earthquake, electric power went down. Fixed-line and mobile phone became busy. Most of the 3G data connectivity worked, but 3G voice did not.
- “Therefore, the means of communication for those people to confirm their family’s safety, which is what they most wanted, were provided by email, twitter and SMS through 3G data communication. Other information of the earthquake was also accessed by [the] Web.” -- Jun Murai, WIDE Project
- Many Japanese said: “*Thanks to the Internet*”

# Thanks for the Code

## Code sprint was very successful on Saturday!

- Incremental improvements to datatracker and xml2rfc
  - Deployed datatracker and xml2rfc releases this week; both running now
- 
- |                    |                |
|--------------------|----------------|
| • Robert Sparks    | • Tero Kivinen |
| • Lars Eggert      | • Shane Kerr   |
| • Henrik Levkowetz | • Adam Roach   |
| • Peter Musgrave   | • Tony Hansen  |
| • Brandon Height   | • Jelte Jansen |



# In Memory of Paul Baran



- Died last Saturday at age 84
- In the early 1960s, while working at the RAND Corporation, Baran outlined the fundamentals for packet switching
- In 1969, the DARPA built the Arpanet based on Baran's ideas and those of others

“Baran was a humble and modest person. You had to force him to take credit for things.” – Vint Cerf

# Future meetings

## IETF 81

Quebec City, Canada

24-29 July 2011

Main host: **RIAA**<sup>®</sup>



## IETF 82

Taipei, Taiwan

13-18 November 2011

Main host: TWNIC

## IETF 83

Paris, France

25-30 March 2012

Main host: **TBD**

***Please remember that IETF meetings run until Friday at 1515. Late scheduling changes are common. Some very late schedule changes happened this week!***