

Meeting: IAOC Meeting

Date: The meeting was called to order at 12:00PM EST by Tobias Gondrom  
2016-03-24. Quorum was established.

**Attendees Present:**

Jari Arkko  
Lou Berger  
Scott Bradner  
Kathy Brown  
Leslie Daigle  
Tobias Gondrom (Chair)  
Ray Pelletier (IAD)  
Benson Schliesser  
Andrew Sullivan

Guest: Ole Jacobsen

Scribe: Michele Gehrke

**1. Operations**

a. Minutes

2016-01-28

2016-02-25

Scott made the motion to adopt the 28 January minutes which was seconded by Tobias. Without objection, the minutes were adopted. The 25 February minutes will be taken up at the IETF in Buenos Aires.

b. IANA Transition Update

Andrew shared that ICANN and outside counsel are working behind closed doors regarding the by-laws, including the mission statement.

c. E-Vote to Send a Proposed IETF Privacy Policy to Community

Ray included the record of the e-vote to send a proposed IETF Privacy Policy to the community for the minutes, as required by the IAOC Administrative Procedures.

On 8 March 2016 the IAOC decided by e-vote to send draft IETF Privacy Policy dated 24 February 2016 to the IAOC Administrative Procedures to the community for review.

The e-vote closed on Friday 11 March at 11:59 PM ET.

The vote results:

Jari Arkko [YES]

Lou Berger [YES]

Scott Bradner [YES]  
Kathy Brown []  
Leslie Daigle [YES]  
Tobias Gondrom [YES]  
Benson Schliesser [YES]  
Andrew Sullivan [YES]

The vote passed.

#### d. IAOC & IETF Trust Chair Elections

Ray informed the group that for folks who are interested should proceed to nominate themselves. April 5<sup>th</sup> is deadline. Tobias would like individuals to also consider volunteering for one of the Committee Chairs. Ray also noted that according to our Admin procedures, another member of the IAOC will serve as chair during commencement. Without objection, Scott will be the chair to start the BA meeting.

#### e. IAOC BA Schedule

Ray advised the group that the IAOC face-to-face meeting will be held Tuesday (April 5<sup>th</sup>) morning rather than Wednesday. The meeting is scheduled for 8-10am, with breakfast being served at 7:30am. Ray to revise schedule and send out to all.

Andrew stated that it was discussed previously going to a single Plenary. Due to that, the IAB did not schedule a technical topic so **we would** have time to go over the full numbers with the community. Tobias explained that last year's budgetary session was roughly 15 minutes and Andrew should feel free to notify speakers that they could have additional time to speak.

Ray reminded the group that our Annual Dinner immediately follows the Administrative Plenary at 8:30pm.

Kathy stated in regards to the Social, we were given \$10K by an anonymous donor. Alexa thinks at this late date it is not feasible to find something off campus **so we** recommend to combine something with Bits 'n Bites – an enhanced cocktail with a cultural theme. Alexa, Howie and others are working on a nice event, without loud music. The way we should advertise is to not mention there will be “no” Social, but a “combination” of Social/BnB scheduled for Thursday night. Lou feels we should also communicate that there is no additional fee associated with this event.

IAOC BA Schedule 2016-03-20  
IAOC Room: Alamo

1. Sunday - 3 April
  - a. 17:00-19:00 Welcome Reception Pacifico B
  - b. 21:00 IETF & AMS Social Location: TBD

## 2. Monday

a. 1230 - 1400 IPROC Location: TBD

IETF Protocols Registry Oversight Committee (Tobias, Russ, Ray, Jari, Andrew)

## 3. Tuesday

a. 08:15 - 10:00 IAOC Meeting Alamo

Usually 07:15 to 09:00

Is there a preference for the usual time?

b. 19:00-21:30 Social Event? Unk

## 4. Wednesday

a. 17:20 - 17:40 Office Hours Alamo

b. 17:40 - 20:10 Admin & Tech Plenary Pacifico A

c. 20:30 - 22:30 IAOC Dinner TBD

## 5. Thursday

a. 16:20 - 17:20 BOF MTG Venue Selection Criteria & Procedures Pacifico A

b. 19:45 - 21:45 Bits-N-Bites Pacifico B

## 6. Friday

a. 08:00 - 09:00 Buenos Aires Meeting Review Alamo

b. 18:00 - 21:00 ISOC BoT Reception & Dinner Hilton

## 7. Saturday - 9 April

ISOC Board of Trustees Meeting:

a. 10:15 – 10:45 IAOC & IETF Trust Updates – T. Gondrom & B. Schliesser (30 mins)

b. 10:45 – 11:05 IAB Chair's Report – A. Sullivan (20 mins)

c. 11:05 – 11:25 IETF Chair's Report – J. Arkko (20 mins)

d. Move to Executive Session

e. 11:40 – 12:30 IETF Sustainability – J. Arkko (50 mins)

f. 12:30 – 13:15 Lunch Break (45 mins.)

g. 13:15 – 13:45 IETF Endowment Update – B. Hinden (30 mins.)

h. Resume Public Session

i. 13:45 – 14:15 IANA Transition: Next Steps – S. Wentworth (REMOTE) (30 mins)

f. IAOC Retreat

Ray advised that he is in the process of finalizing the contract on the hotel for the Retreat in May.

An email will be sent providing information on how to make reservations. The IAOC Retreat will be held May 4-5; AMS meetings will be held May 2-3.

## 2. Finance

a. 2015 Financial Results

Ray stated that we had a pretty healthy year with \$300K in additional revenues (\$200K was from

having 300 more people than anticipated and due to the increase in registration fees). Expenses were down for the year by over \$100K, which had a positive impact on ISOC's bottom line. Lou stated that this is the foundation of what will be presented in BA. Our Yokohama numbers are not final due to the number of fires Ray has had to deal with. However, Ray stated he does expect to have Yokohama numbers done by BA.

This report provides a brief commentary in support of the attached Statement of Activities for 2015.

## **2015 IETF Financial Report & Discussion**

### **Summary**

The IETF experienced positive results (when measured against the 2015 Budget) in both income and expenses. The most notable contributors were:

- Meeting Registration Income provided the largest positive income variance, with greater than forecast attendance at venues in Dallas, Prague and Yokohama;
- All meetings were fully hosted, with only minor shortfalls in related event sponsorships;
- Meeting-related miscellaneous fees, incentives, tax rebates and other made up the remaining positive income variance;
- Meeting expenses were very close to Budget despite the higher attendance; and
- Other ("Operating") expenses were generally on target.
- RFC format related tooling moved into FY16

The attached Statement of Activities and accompanying Notes offer additional detail.

### **Income**

Total income of \$4,367,683 was \$299,183 better than the Budget (+7%), as paid attendance exceeded the Budgets for all three meetings in 2015 (Dallas +65, Prague +100, Yokohama +126). About 58% of income was from participant Registration Fees, while 39% was derived from host and sponsorship contributions. The final 3% was from Meeting-related miscellaneous fees, incentives, tax rebates and other.

Including the funding of Tools Development, ISOC provided funding of \$1,703,940, and raised another \$1,580,776 from hosts, sponsors and other sources.

### **Expenses**

Expenditures (excluding Tools Development) totaled \$5,904,423, or \$107,577 better than the Budget. Approximately 45% of IETF expenses support the IETF Meetings. The remaining 55% are in support of the RFC Editor function, the IETF Secretariat, IASA, and various support functions detailed on the Statement of Activity ("Operating Expenses" in the attached report).

#### **Meeting Expenses**

The total positive variance in Meeting Expenses was \$29,007 (1%) for the year. Modest savings on such items as Food and Beverage, AV Equipment, and Meeting Space expenses (even with the increased attendance) were partially offset by higher other meeting costs such

as credit card fees, travel expenses associated with site qualifications and meeting preparation, and NOC-related costs by volunteers.

### Operating Expenses

These expenses were under Budget by \$78,570 for the year (2.4%), particularly attributable to the lack of expenditures for contractor transition costs or special projects, plus positive variances in most of the other support categories. Operating Expenses also include an allocation of \$220,000 for ISOC expenses in support of the IETF (including securing host and sponsorship revenues, and providing accounting and administrative support).

### Capital Development (Tools)

Of the \$215,000 Budgeted for Tools Development, only \$167,200 was expended. There was an expectation that funds would be needed for tools to implement new RFC formats, however the necessary design and community processes were not completed in time for actual contracts and tools development. Tools Development is funded by ISOC as part of the overall funding plan.

Internet Society IETF Statement of Activity For the Month Ending December 31, 2015						
Income	December	YTD Actual	YTD Budget	YTD Variance	Annual Budget	Notes
IETF Registrations	\$ -	\$ 2,541,361	\$ 2,342,500	\$ 198,861	\$ 2,342,500	1
Meeting Sponsorships	-	866,155	906,000	(39,845)	906,000	2
InKind Sponsorships	7,076	470,161	410,000	60,161	410,000	3
Hotel Commissions	(8,722)	137,649	110,000	27,649	110,000	4
Bits-N-Bites	-	178,376	150,000	28,376	150,000	5
Event Revenue	-	66,084	150,000	(83,916)	150,000	6
Miscellaneous Revenue	1,194	107,897	-	107,897	-	7
<b>Total Income</b>	<b>\$ (452)</b>	<b>\$ 4,367,683</b>	<b>\$ 4,068,500</b>	<b>\$ 299,183</b>	<b>\$ 4,068,500</b>	
Expenses	December	YTD Actual	YTD Budget	YTD Variance	Annual Budget	
<b>Meeting Expenses</b>						
Variable Managed Meeting Costs	56,252	904,081	960,000	55,919	960,000	8
IETF Secretariat (AMS)	20,632	464,000	464,000	-	464,000	9
Meeting Space	-	360,914	377,000	16,086	377,000	10
NOC Expenses	10,865	615,270	619,000	3,730	619,000	11
Other Meeting Expenses	12,091	299,728	253,000	(46,728)	253,000	12
<b>Total Meeting Expenses</b>	<b>\$ 99,840</b>	<b>\$ 2,643,993</b>	<b>\$ 2,673,000</b>	<b>\$ 29,007</b>	<b>\$ 2,673,000</b>	
<b>Operating Expenses</b>						
RFC Editor	\$ 87,060	\$ 984,434	\$ 989,000	4,566	\$ 989,000	13
IETF Secretariat (AMS)	134,696	1,400,800	1,400,800	-	1,400,800	14
IASA Support (incl. IAD expenses & salary)	59,406	368,820	381,975	13,155	381,531	15
IETF Support	538	32,119	31,500	(619)	31,500	16
IAB Support	-	23,386	34,000	10,614	34,000	17
IRTF Support	-	12,009	10,000	(2,009)	10,000	18
Administrative InKind	2,913	35,000	35,000	-	35,000	19
Independent Submissions Editor	-	12,709	20,000	7,291	20,000	20
Special Projects	-	-	25,000	25,000	25,000	21
NomCom Support	-	3,229	8,000	4,771	8,000	22
IETF Trust Expenses	3,297	34,119	33,725	(394)	33,725	23
Transition Expenses	-	-	25,000	25,000	25,000	24
IT Maintenance	12,368	133,805	125,000	(8,805)	125,000	25
G&A/Governance (Indirect)	18,337	220,000	220,000	-	220,000	26
<b>Total Operating Expenses</b>	<b>318,615</b>	<b>3,260,430</b>	<b>3,339,000</b>	<b>78,570</b>	<b>3,338,556</b>	
<b>Total Expenses</b>	<b>418,455</b>	<b>5,904,423</b>	<b>6,012,000</b>	<b>107,577</b>	<b>6,011,556</b>	
Internet Society	December	YTD Actual	YTD Budget	YTD Variance	Annual Budget	
ISOC Direct Contribution	\$ (418,907)	\$ (1,536,740)	\$ (1,943,500)	\$ 406,760	\$ (1,943,056)	27
Capital Development	30,000	167,200	215,000	47,800	215,000	28
<b>ISOC Contribution plus Capital Development</b>	<b>\$ (448,907)</b>	<b>\$ (1,703,940)</b>	<b>\$ (2,158,500)</b>	<b>\$ 454,560</b>	<b>\$ (2,158,056)</b>	29

### 3. Meetings

#### a. IETF 95 Update

Registration Data: 1,026 Registered; 634 Paid

Trending: Taiwan at 923; Budget 1,070

#### **Sponsorships**

Budget: \$480K; To Date \$168.5K; ISOC Co-Host

Bits-n-Bites: Budget \$60K, Commits \$38.5K

#### **Countries**

	Registered	Paid
US	368	282
CN	108	48
AR	92	4
FR	36	28
GB	35	29
BR	25	19
CL	10	5
CO	3	0
EC	3	1
PA	1	0
PY	1	0
UY	13	1

Latin America: 56 Registered; 26 Paid

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#### b. IETF 99 Host

IETF 99 Prague: Host is Comcast/NBC Universal

#### c. IETF 101

Ray shared that the Meetings Committee has made a recommendation for IETF 101, which we will discuss on April 5<sup>th</sup> in BA.

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## 4. Tools

### a. Cloudflare Settings for TOR Exit Nodes

Ray set out the problem of TOR access to the IETF website.

#### 1. Problem:

TOR users have to use CAPTCHA to access the [www.ietf.org](http://www.ietf.org) website because of a setting the IETF is using with Cloudflare.

#### 2. Policy Question:

Does the IAOC want the IETF Secretariat to implement the Cloudflare proposal for eliminating CAPTCHA for TOR users or stick with the current configuration?

Please note that the Secretariat can change this configuration at any time, so if the TOR exit nodes are the source of an attack, the configuration can be adjusted.

#### 3. Background:

The IETF is using Cloudflare to reduce the latency to access the IETF website around the world. Cloudflare was selected because they offered IPv6 and TLS from day one, and they had a plan for DNSSEC. They deployed DNSSEC as promised. Running more IETF servers around the world would certainly cost more than Cloudflare, which is \$200/month.

We got an email on the IETF Discussion mail list complaining about the IETF website being inaccessible to TOR users because of the settings that we are using with Cloudflare. The email is here:

<https://mailarchive.ietf.org/arch/msg/ietf/GY11Yxdpra0C41JYB1tjVDH1iW4>

The situation is a bit more complicated than you might expect from this note. First, the IETF website is, in fact, accessible to TOR users. However, some TOR users are presented with a CAPTCHA when accessing the IETF for the first time from a particular TOR exit node. The real complaint in the email is about the use of cookies, Javascript, and other challenge methods on the IETF website. These apply to all users of the site, not just TOR users.

The IETF could take several specific actions in response to this request. Cloudflare has asserted that they automatically map all TOR exit nodes, updating their list every 15 minutes. Information about this can be found at:

<https://support.cloudflare.com/hc/en-us/articles/203306930-Does-CloudFlare-block-TorCloudflare>

Cloudflare has outlined a setting change whereby the IETF can "whitelist" all TOR exit nodes. Taking this action will turn off security mechanisms for all TOR users, even though they remain in place for all other users.

Some concerns with the Cloudflare approach include:

(1) Making this change effectively gives preferential treatment to TOR traffic, since it bypasses the security mechanisms normally used by Cloudflare.

(2) The configuration is not really TOR vs. No-TOR. It is not possible to have a definitive map of TOR exit nodes. Cloudflare is guessing, and they update their guess every 15 minutes. So, if we ask the IETF Secretariat make this change and then announce it, there will still be some TOR users that get the CAPTCHA challenge. I suspect that the result will be continued complaints.

(3) It seems that the use of Javascript, Cookies, and similar measures implemented by Cloudflare is really the core issue. People that use TOR do not want to be tracked, and they view these mechanisms as tracking.

(4) Making the change proposed by Cloudflare may resolve issues for some TOR users, but it will also make TOR an attack vector since it would bypass the normal security mechanisms.

Now the policy question: Does the IAOC want the IETF Secretariat to implement the Cloudflare proposal for eliminating CAPTCHA for TOR users or stick with the current configuration? Please note that the IETF Secretariat can change this configuration at any time, so if the TOR exit nodes are the source of an attack; the configuration can be adjusted.

After much discussion, it was agreed upon by all to allow implementation. The conversation was summed up by Leslie, "We all accept the change, but at the first sign of problems, we will turn it off and revisit."

Proposal is ADOPTED.

## 5. Legal

### a. IETF Privacy Policy

Ray is expecting to have feedback on the Privacy Policy by 31 March and hopes to be in a position to discuss and take action in BA.

## 6. AOB

### a. BCP 101 Transparency Compliance

Lou expressed that there is still some pain on transparency with hotel contracts and does not feel we are compliant with BCP 101. Redacted hotel contracts would be acceptable. Publishing the template as soon as possible, preferably before BA, is a reasonable compromise. Better to discuss at Retreat unless someone would like to talk now.

Lou to reinvigorate the list discussion and take up at the Retreat.

Tobias adjourned the meeting at 12:48PM ET.