

ARIN VIII



Welcome to ARIN VIII

Public Policy Meeting

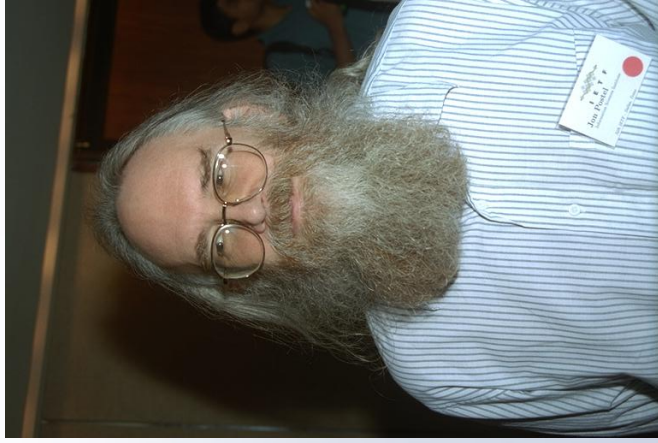
Ray Plzak



Overview

- Announcements
- Introductions
- Agenda Review

Let's Remember



Jon Postel
1943 - 1998



Abha Ahuja
1972 - 2001

ARIN VIII Attendance

- 97 Registrants
- Representatives from 22 states
- Representatives from Brazil, Canada, Japan, Mexico, The Netherlands
- Titles of registrants: 63 different ones,
from Registration Coordinator,
Director of IP Engineering,
Manager Compliance Analysis, Network
Manager, VP Network Operations,
VP of Research, CEO, most popular
Title Network Engineer.

Board of Trustees

- John Curran – Chairman
- Scott Bradner – Secretary
- Michael Straty – Treasurer
- David Conrad
- Scott Marcus

Advisory Council

- Alec Peterson – Chairman
- Steve Corbato
- Bill Darte
- Avi Freedman
- Mark Kusters
- Bill Manning
- Rob Roberts
- Barbara Roseman
- John Sweeting
- Cathy Wittbrodt

Agenda Overview

- Sunday: Tutorials
- Monday: Public Policy Meeting Day 1
 - Monday Evening Social 7:00 PM
- Tuesday: Public Policy Meeting Day 2
- Wednesday: ARIN Member Meeting

***** Full Agenda on Back of Name Badge *****

Public Policy Meeting Monday AM

- 9:15 AM ICANN Update Andrew McLaughlin
- 9:30 AM ASO AC Report Cathy Wittbrodt
- ASO AC Election Process Susan Hamlin
- Speeches by ASO AC candidates Candidates
- 9:50 AM RIR Updates
- RIPE NCC / APNIC
- Emerging RIR Updates - LACNIC / AfriNIC
- 10:30 AM **Break**
- 10:45 AM Joint RIR Statistics Leslie Nobile
- 11:00 AM Global Coordination Richard Jimmerson
- 11:10 AM Early Registration Transfers Ray Plzak
- 11:25 AM New ARIN Database Status Cathy Murphy
- Templates and web user interface Leslie Nobile
- 12:00 PM **Lunch**

Public Policy Meeting Monday PM

- 1:30 PM IPv6 Working Group Thomas Narten
- v6 Bootstrap Phase
- Policy Proposal 3 - IPv6 for exchange points
- 3:00 PM **Break**
- 3:15 PM IPv6 Working Group (cont) Thomas Narten
- Policy Proposal 4 - IPv6 addressing policy
- 4:00 PM Open Microphone Richard Jimmerson
- 5:00 PM **Adjourn**
- 7:00 PM Dinner & Entertainment aboard the Caprice

Public Policy Meeting Tuesday AM

- 9:00 AM Meeting Called to Order Ray Plzak
- 9:05 AM CLEW Bill Darte
- 9:30 AM RFC 2050 Working Group Mark McFadden
- 10:15 AM GSM Association Steve Ali
- 10:30 AM **Break**
- 10:45 AM Universal WHOIS Mark Kusters
- 11:00 AM RWHOIS Discussion Cathy Murphy
- 11:30 AM Policy Proposal 1 David Huberman
Reassignments (/29 to /28)
- 12:00 PM **Lunch**

Public Policy Meeting Tuesday PM

- 1:30 PM RTMA Working Group Cathy Wittbrodt
- Policy Proposal 2 - /24 Rassignment for multi... Lee Howard
- Policy Proposal 5 - Micro-assignments for multi... Bill Manning
- Policy Proposal 6 - Multiple Maintainers Andrew Dul
- 3:00 PM **Break**
- 3:15 PM DBWG Cathy Murphy
- Authorization
- Policy Proposal 7 - Copies of ARIN's WHOIS db Richard Jimmerson
- 4:00 PM Open Microphone Richard Jimmerson
- 5:00 PM **Adjourn**

ARIN VIII

Miami, USA

28 October, 2001

Andrew McLaughlin



I C A N N

Reminder: What does ICANN do?

Coordinates policies relating to the unique assignment of:

- Internet Domain Names
- Numerical IP Addresses
- Protocol Port and Parameter Numbers

Coordinates the DNS Root Server System

- through Root Server System Advisory Committee

What are the IANA functions?

- Protocol parameter assignments
 - Under March 1, 2000 IETF/IAB/ICANN Memorandum of Understanding
- IP Address Allocations
- DNS root zone file management

IANA Workload - Protocols

(Yr 2001)	Apr	May	Jun	Jul	Aug	Sep
User Ports	6	50	49	36	26	7
Sys Ports	0	0	1	0	0	0
Protocol #s	0	0	0	0	0	0
MIME	0	0	5	0	2	0
MIBs	1	1	1	0	0	1
Priv Ent #s	~300	346	327	299	333	296
Other	2	6	14	0	2	0

IANA Workload – Addresses

(Yr 2001)	Apr	May	Jun	Jul	Aug	Sep
Multicast	0	1	2	0	0	0
Cable	6 blk	n/a	n/a	n/a	n/a	n/a
AS #s	1 blk	0	0	0	1 blk	0
RIR Alloc	2 /8s	0	2 /8s	0	0	0

IANA Processing Times

(in working days)

	Current Times (approx)	Goals
Ports (user & sys)	10-15 days*	10 days
Protocol #s	10-15 days*	10 days
MIME	3 days+expert	2 days+expert
MIBs	3 days	2 days
Pr Ent #s	1-2 days	2 days
Multicast	10-15 days*	10 days

New Protocol Parameter Registry Additions

- Authentication Option Name Spaces
- IPv6 Router Alert Option Values
- RObust Header Compression (ROHC) Profile Identifiers
- Session Description Protocol (SDP) Parameters

IANA Recent Improvements

- Response Time
- Improved application templates
- Website reorganization
- Actions for approved documents
(assignments and new registry set-up)

IANA Continued Improvements

- Website Migration
- More email automation
- FAQ; general request form
- IANA Considerations sections

ICANN Board of Directors

At Large Directors:

- Karl Auerbach (USA)
- Ivan Moura Campos (Brazil)
- Frank Fitzsimmons (USA)
- Masanobu Katoh (Japan)
- Hans Kraaijenbrink (Netherlands)
- Andy Mueller-Maguhn (Germany)
- Jun Murai (Japan)
- Nii Quaynor (Ghana)
- Linda S. Wilson (USA)

ASO Directors:

- Rob Blokzijl (Netherlands)

• **NEW: Lyman Chapin**
(USA)

- Sang-Hyon Kyong (South Korea)

DNSO Directors:

- Amadeu Abril i Abril (Spain)
- Jonathan Cohen (Canada)
- Alejandro Pisanty (Mexico)

PSO Directors:

- Helmut Schink (Germany)
- Vint Cerf (USA) - *Chairman*
- Phil Davidson (U.K.)

ICANN President

- M. Stuart Lynn

Current Areas of Policy Work

- *Names*

- Increased attention to security/integrity/resiliency/recovery issues by registries, registrars, DNS root name servers

- DNSSEC

- Introduction of New Top-Level Domains

- Restructuring of DNSO & PSO?

- Progress on Internationalized DNS

- Advocate IETF's IDN-WG process

- IDN Committee

- Undertake UDRP Review

- Figure out future of .org TLD

- *Addresses*

- Support ASO, LACNIC & AFRINIC

Update: Steps in Transition from USG

- Transfer of InterNIC functions from Verisign/NSI to ICANN – NEARLY DONE
- Implementation of some root server architecture improvements (i.e., distribution master), as developed by Root Server System Advisory Committee – PENDING
- MoU with US Department of Commerce extended through 2002

New Top-Level Domains

- First group chosen in November 2000
 - Global Open: <.info>, <.biz>
 - Individuals: <.name>, <.pro>
 - Specialized: <.museum>, <.aero>, <.coop>
- Proof of Concept - Launch with caution, observe carefully, learn from experience
- If successful, there will be future rounds
- Status:
 - Agreements completed:
 - .biz, .info, .name, .museum, (.aero)
 - Currently operational:
 - .biz, .info, .name

For Further Information:

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<http://www.icann.org>

ICANN ASO Address Council

Update of actions since April,
2001

ASO Address Council

- Business As Usual
 - 2001 General Assembly meeting held in San Francisco in conjunction with the ARIN meeting, 2002 GA to be held in APNIC region
 - Lyman Chapin selected by the ASO for seat on ICANN Board
 - Kenny Huang elected as APNIC AC member 2002-2005
 - HansPetter Holen re-elected as RIPE AC member 2002-2005

ASO Address Council

- Observed progress in the establishment of LACNIC and AFRINIC new RIRs.
- active and regular participation by LACNIC representatives in ASO activities
- Codified Chair and Co-Chair roles on the Address Council, and the policies for electing Council members to these positions

ASO Address Council

- Discussion started to review RFC 2050 and its current relation to active policy.
 - RFC 2050 documents the IPv4 allocation policies established by IANA and the Regional Internet Registries
 - This review will begin taking place at the RIR meetings and if any new documents are produced, they will be written at the RIR member level

ASO Address Council

- The RIRs have begun the process of reviewing IPv6 allocation policy.
 - Current IPv6 allocations are done under the “bootstrap” rules which allow for any company using IPv6 in production to obtain an allocation
 - Agreement among all RIRs to accept /48 as standard assignment for subnetted sites (64k subnets)
 - Policies under review include default allocation size (currently /35, 8k /48s), and standard assignment sizes for various end-user sites

ASO AC Voting Procedures

Fall 2001 Election

- Raimundo Beca's term expires December 31, 2001
- Seven candidates are running to fill the one seat
- Three year term: January 1, 2002 – December 31, 2004
- Vote for one candidate

ASO AC Voting

- Election Procedures
- On-line voting by ARIN members opened 1 week before PPM (Monday, October 22)
- All attendees at today's Public Policy meeting are eligible to vote (except RIR staff)
- Voting "Booth" open today until 6:00 PM
- If you are a designated ARIN member representative you may also vote online until 6:00 PM
- URL for online voting: <http://www.arin.net/election.html>
- Confirm online votes by 8:00 p.m. EST today.
- If an individual votes on-line and at the PPM, only the on-line vote will count.
- Results tallied and announced at PPM tomorrow morning.

ASO AC Candidates

- Timothy J. Biggs
- Dewey Coffman
- Eric Decker
- Christopher Faulkner
- Greg Hiscott
- Roberto Leon
- Peter Schroebeel

Candidate Bios and Statements of Support:
<http://www.arin.net/aso/asominees.htm>