Regional Internet Registries
Statistics & Activities

Joint Techs Workshop
July 2004
Columbus, OH
Overview

- Internet Number Resource Status Report
- ARIN Activities
IPv4 /8 Address Space Status
(as of June 30, 2004)

Allocated Unicast

Available
IANA Reserve 79

Not Available
Experimental Multicast 16
Multicast 0/8 1
10/8 1
127/8 1

Central Registry 16

APNIC 13
ARIN 17
LACNIC 2
RIPE NCC 16

IPv4 Allocations from RIRs to LIRs/ISPs
Yearly Comparison

- APNIC
- ARIN
- LACNIC
- RIPE NCC
IPv4 Allocations from RIRs to LIRs/ISPs
Cumulative Total (Jan 1999 – Jun 2004)

ARIN
8.94, 34%

RIPE NCC
8.06, 31%

APNIC
8.49, 33%

LACNIC
0.46, 2%
ASN Assignments from RIRs to LIRs/ISPs
Yearly Comparison

- APNIC
- ARIN
- LACNIC
- RIPE NCC
ASN Assignments from RIRs to LIRs/ISPs
Cumulative Total (Jan 1999 – Jun 2004)

ARIN
11265 54%

RIPE NCC
6426 31%

APNIC
2486 12%

LACNIC
570 3%
IPv6 Allocations from RIRs to LIRs/ISPs
Yearly Comparison

- APNIC
- ARIN
- LACNIC
- RIPE NCC
IPv6 Allocations from RIRs to LIRs/ISPs

- RIPE NCC: 369, 56.7%
- APNIC: 163, 25.0%
- ARIN: 104, 16.0%
- LACNIC: 15, 2.3%
Links to RIR Statistics

Raw Data/Historical RIR Allocations:

http://www.aso.icann.org/stats/index.html
http://www.iana.org/assignments/ipv4-address-space

RIR Stats:

http://www.apnic.net/info/reports/index.html
http://www.arin.net/statistics/index.html
http://www.lacnic.net/en/est.html
http://www.ripe.net/ripencc/pub-services/stats
ARIN Activities
Activities

- IPv6 Services
- Certificate Authority Established
- ERX Nearly Complete
- Directory Service Improvements
New Policies

2002-3: Multi-homed Networks
Multi-homed entities may obtain a /22 from ARIN

2003-3: Residential Customer Privacy

2003-15: Africa Portion of ARIN Region
Minimum allocation/assignment size reduced to /22
Policy Manual Project

• Purpose
  – Enumerate all policies into single manual
  – Eliminate reference difficulties
  – Protect integrity of policy documentation

• Review and Publication
  – Advisory Council
  – Board of Trustees
  – 2004 publication
ARIN Elections

Membership Elections
- Board of Trustees
  (2) open seats for 2005
- Advisory Council
  (5) open seats for 2005

Open Community Election
- ASO Address Council
  (1) open seat for 2005
On-Demand Training

Registration Processes Flowcharts

ARIN Database & Templates

Querying ARIN’s WHOIS

http://www.arin.net/library/training/
Please Participate

• http://www.arin.net
• Public Policy Mailing List
  ppml@arin.net
THANK YOU