Overview

- RIR Statistics
- Active Policy Discussions
- Your Involvement
Regional Internet Registry
Statistics
RIR Service Regions

[Map of RIR Service Regions with regions marked in different colors and the names ARIN, AfriNIC, RIPE NCC, and APNIC indicated on the map.]

Joint Techs February 2006 Albuquerque
Internet Number Resource Status Report

As of 31 December 2005

Prepared by
Regional Internet Registries
AFRINIC, APNIC, ARIN, LACNIC and RIPE NCC
IPv4 /8 Address Space Status

Allocated
- AFRINIC: 1
- APNIC: 16
- ARIN: 23
- LACNIC: 4
- RIPE NCC: 19
- Central Registry: 94

Available
- IANA Reserved: 65

Not Available
- Experimental: 16
- Multicast: 16
- Private Use: 1
- Public Use: 1

December 2005 Internet Number Resource Report
IPv4 Allocations from RIRs to LIRs/ISPs Yearly Comparison

- AFRINIC
- APNIC
- ARIN
- LACNIC
- RIPE NCC

Yearly Comparison of IPv4 Allocations from RIRs to LIRs/ISPs from 1999 to 2005.

- 1999: AFRINIC (1), APNIC (1), ARIN (1), LACNIC (1), RIPE NCC (1)
- 2000: AFRINIC (1), APNIC (1), ARIN (2), LACNIC (2), RIPE NCC (2)
- 2001: AFRINIC (1), APNIC (1), ARIN (2), LACNIC (2), RIPE NCC (2)
- 2002: AFRINIC (1), APNIC (1), ARIN (2), LACNIC (2), RIPE NCC (2)
- 2003: AFRINIC (1), APNIC (1), ARIN (2), LACNIC (2), RIPE NCC (2)
- 2004: AFRINIC (1), APNIC (1), ARIN (2), LACNIC (2), RIPE NCC (2)
- 2005: AFRINIC (1), APNIC (1), ARIN (2), LACNIC (2), RIPE NCC (2)
IPv4 Allocations
RIRs to LIRs/ISPs
Cumulative Total (Jan 1999 – Dec 2005)

- RIPE NCC
  - 12.44
  - 31%
- APNIC
  - 13.01
  - 33%
- ARIN
  - 12.66
  - 32%
- LACNIC
  - 1.22
  - 3%
- AFRINIC
  - 0.42
  - 1%
ASN Assignments
RIRs to LIRs/ISPs
Yearly Comparison

AFRINIC
APNIC
ARIN
LACNIC
RIPE NCC
ASN Assignments
RIRs to LIRs/ISPs
Cumulative Total (Jan 1999 – Dec 2005)

- RIPE NCC: 9,772 (36%)
- ARIN: 13,502 (49%)
- APNIC: 3,079 (11%)
- LACNIC: 728 (3%)
- AFRINIC: 158 (1%)
IPv6 Allocations
RIRs to LIRs/ISPs
Cumulative Total (Jan 1999 – Dec 2005)

- RIPE NCC: 527 (53%)
- APNIC: 231 (23%)
- ARIN: 181 (18%)
- LACNIC: 51 (5%)
- AFRINIC: 10 (1%)
Links to RIR Statistics

• RIR Stats:  
  http://www.nro.net/statistics/

• Raw Data/Historical RIR Allocations:  
  http://www.aso.icann.org/stats  
  http://www.iana.org/assignments/ipv4-address-space  
  http://www.iana.org/assignments/as-numbers  
  http://www.iana.org/assignments/ipv6-unicast-address-assignments
Policy Development Principles

- **Open and Transparent**
  - Mail List (PPML)
    - Anyone may participate
    - Archived
  - Published Meeting Minutes
    - Public Policy
    - Board of Trustees
    - Advisory Council

- **Documented**
  - Policy process
  - Policy proposal tracking

- **Developed Bottom-Up**
  - Internet Community
  - Stakeholders
Internet Resource Policy Evaluation Process

http://www.arin.net/policy/ipep.html
Active Policy Discussions

- 2006-1: Residential Customer Privacy
- 2005-9: 4-Byte AS Number
- 2005-8: Proposal to amend ARIN IPv6 assignment and utilization requirement
- 2005-1: Provider-independent IPv6 Assignments for End Sites
Active Policy Discussions

http://www.arin.net/policy/proposal_archive.html
Next ARIN Meeting

April 9-12, 2006
Montreal

http://www.arin.net/meetings/index.html
Your Involvement is Key!

- ARIN’s website: [http://www.arin.net](http://www.arin.net)
- Public Policy Mailing List: [ppml@arin.net](mailto:ppml@arin.net)
- ARIN-announce: [arin-announce@arin.net](mailto:arin-announce@arin.net)
- NRO website: [http://www.nro.org](http://www.nro.org)
Thank You