INTERNET NUMBER RESOURCE
STATUS REPORT

As of 31 December 2008

Prepared by
Regional Internet Registries
AfriNIC, APNIC, ARIN, LACNIC and the RIPE NCC
IPv4 ADDRESS SPACE
What is the status of each of the 256 /8s?

TOTAL IPv4 SPACE
- CENTRAL REGISTRY 91
- IANA RESERVED 34
- RIRs 96
- NOT AVAILABLE 35

EXPERIMENTAL 16
LOCAL IDENTIFICATION 1
LOOPBACK 1
PRIVATE USE 1
MULTICAST 16
IPv4 ADDRESS SPACE ISSUED
(RIRs TO CUSTOMERS)

In terms of /8s, how much space did each RIR allocate by year?

Year:
- '99
- '00
- '01
- '02
- '03
- '04
- '05
- '06
- '07
- '08

Space in /8s:
- AfriNIC
- LACNIC
- APNIC
- ARIN
- RIPE NCC

December 2008
Internet Number Resource Report
IPv4 ADDRESS SPACE ISSUED
(RIRs TO CUSTOMERS)
In terms of /8s, how much total space has each RIR allocated?
(Jan 1999 – Dec 2008)

RIPE NCC 22.12
APNIC 24.26
AfriNIC 0.85
LACNIC 3.28
ARIN 20.52
ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many ASNs has each RIR assigned by year?

December 2008

Internet Number Resource Report
ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many total ASNs has each RIR assigned?

(Jan 1999 – Dec 2008)

- ARIN 18,233
- AfriNIC 393
- LACNIC 1,281
- APNIC 4,974
- RIPE NCC 16,592
IPv6 ADDRESS SPACE
How much has been allocated to the RIRs?

RIRs 5 /12s (October 2006)

<table>
<thead>
<tr>
<th>RIR</th>
<th>IPv6 ADDRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AfriNIC</td>
<td>2C00:0000::/12</td>
</tr>
<tr>
<td>APNIC</td>
<td>2400:0000::/12</td>
</tr>
<tr>
<td>ARIN</td>
<td>2600:0000::/12</td>
</tr>
<tr>
<td>LACNIC</td>
<td>2800:0000::/12</td>
</tr>
<tr>
<td>RIPE NCC</td>
<td>2A00:0000::/12</td>
</tr>
</tbody>
</table>
IPv6 Allocations RIRs to LIRs/ISPs

How many allocations have been made by each RIR by year?
How many total allocations have been made by each RIR?

- RIPE NCC: 1,199 allocations
- AfriNIC: 65 allocations
- LACNIC: 163 allocations
- APNIC: 453 allocations
- ARIN: 496 allocations

In terms of /32s, how much total space has each RIR allocated?

- RIPE NCC: 33,235 /32s
- AfriNIC: 65 /32s
- LACNIC: 175 /32s
- ARIN: 14,851 /32s
- APNIC: 24,318 /32s
LINKS TO RIR STATISTICS

• RIR Stats: www.nro.net/statistics

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

December 2008
thank you