INTERNET NUMBER RESOURCE STATUS REPORT

As of 31 March 2011

Prepared by
Regional Internet Registries
AfriNIC, APNIC, ARIN, LACNIC and the RIPE NCC

March 2011
IPv4 ADDRESS SPACE
What is the status of each of the 256 /8s?

STATUS OF 256 /8s IPv4 ADDRESS SPACE

- CENTRAL REGISTRY 91
- RIRs 130
- TOTAL IPv4 SPACE
- NOT AVAILABLE 35
  - EXPERIMENTAL 16
  - LOCAL IDENTIFICATION 1
  - LOOPBACK 1
  - PRIVATE USE 1
  - MULTICAST 16
- IANA RESERVED 0

APNIC 45
- ARIN 36
- AfriNIC 5
- LACNIC 9
- RIPE NCC 35
IPv4 ADDRESS SPACE ISSUED
(RIRs to Customers)

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

Number Resource Organization
IPv4 ADDRESS SPACE ISSUED
(RIRs TO CUSTOMERS)

In terms of /8s, how much total space has each RIR issued?
(Jan 1999 – Mar 2011)

- APNIC: 43.16
- AfriNIC: 1.89
- LACNIC: 5.50
- ARIN: 27.19

RIPE NCC: 30.04
ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many total ASNs has each RIR assigned? (Jan 1999 – Mar 2011)

- ARIN 21,640
- AfriNIC 675
- LACNIC 2,024
- APNIC 6,613
- RIPE NCC 21,961
How many 4-byte ASNs has each RIR assigned by year?

- AfriNIC
- APNIC
- ARIN
- LACNIC
- RIPE NCC
4-BYTE ASN ASSIGNMENTS

How many total 4-byte ASNs has each RIR assigned?

(Jan 2007 – Mar 2011)

RIPE NCC 1,064

4-byte ASNs

AfriNIC 24
APNIC 174
ARIN 40
LACNIC 312
IPv6 ADDRESS SPACE
How much has been allocated to the RIRs?

<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>

IANA RESERVE 506 /12s

GLOBAL UNICAST

ALL IPv6 SPACE

Miscellaneous 1 /12
IPv6 Allocations RIRs to LIRs/ISPs

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

March 2011
IPv6 ALLOCATIONS RIRs to LIRs/ISPs (Jan 1999 – Mar 2011)

How many total allocations have been made by each RIR?

- RIPE NCC: 3,026
- AfriNIC: 137
- LACNIC: 513
- APNIC: 1,218
- ARIN: 1,343

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

- RIPE NCC: 38,404
  - AfriNIC: 249
  - LACNIC: 909
  - ARIN: 16,845
  - APNIC: 31,095

March 2011
IPV6 ASSIGNMENTS RIRS TO END-USERS

March 2011 Internet Number Resource Report
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

March 2011
thank you