INTERNET NUMBER RESOURCE
STATUS REPORT

As of 31 December 2010

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

December 2010
Internet Number Resource Report
IPv4 ADDRESS SPACE
What is the status of each of the 256 /8s?

STATUS OF 256 /8s IPv4 ADDRESS SPACE

- Central Registry 91
- Not Available 35
- RIRs 123
- IANA Reserved 7

- 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 issue by year?
IPv4 ADDRESS SPACE ISSUED
(RIRs TO CUSTOMERS)
In terms of /8s, how much total space has each RIR issued?
(Jan 1999 – Dec 2010)

- APNIC 37.97
- AfriNIC 1.76
- LACNIC 5.22
- ARIN 26.48

RIPE NCC 29.13
ASN ASSIGNMENTS (RIRs TO CUSTOMERS)
How many ASNs has each RIR assigned by year?

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ASN ASSIGNMENTS (RIRs TO CUSTOMERS)
How many total ASNs has each RIR assigned?
(Jan 1999 – Dec 2010)

ARIN 21,235
AfriNIC 642
LACNIC 1,906
APNIC 6,449
RIPE NCC 21,221
4-BYTE ASN ASSIGNMENTS

How many 4-byte ASNs has each RIR assigned by year?

- AfriNIC
- APNIC
- ARIN
- LACNIC
- RIPE NCC

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4-BYTE ASN ASSIGNMENTS

How many total 4-byte ASNs has each RIR assigned?
(Jan 2007 – Dec 2010)

- RIPE NCC 814
- AfriNIC 17
- APNIC 173
- ARIN 35
- LACNIC 232

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Internet Number Resource Report
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>

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Internet Number Resource Report
IPv6 Allocations RIRs to LIRs/ISPs

How many allocations have been made by each RIR by year?
IPv6 ALLOCATIONS RIRs to LIRs/ISPs
(Jan 1999 – Dec 2010)

How many total allocations have been made by each RIR?

- RIPE NCC: 2,593 allocations
- AfriNIC: 103
- LACNIC: 428
- APNIC: 1,087
- ARIN: 1,141

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

- RIPE NCC: 37,136 /32s
- AfriNIC: 192
- LACNIC: 550
- ARIN: 16,115
- APNIC: 30,948
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
thank you