INTERNET NUMBER RESOURCE
STATUS REPORT

As of 30 September 2010

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?

STATUS OF 256 /8s IPv4 ADDRESS SPACE

- CENTRAL REGISTRY 91
- RIRs 116
- IANA RESERVED 14
- TOTAL IPv4 SPACE

Not Available 35

- EXPERIMENTAL 16
- LOCAL IDENTIFICATION 1
- LOOPBACK 1
- PRIVATE USE 1
- MULTICAST 16

APNIC 40
- ARIN 33
- AfriNIC 3
- LACNIC 8
- RIPE NCC 32
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 – Sept 2010)

- RIPE NCC: 27.91
- AfriNIC: 1.62
- LACNIC: 5.00
- ARIN: 25.12
- APNIC: 36.31
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 – Sept 2010)

- ARIN 20,863
- AfriNIC 613
- LACNIC 1,764
- APNIC 6,223
- RIPE NCC 20,497
4-BYTE ASN ASSIGNMENTS
How many 4-byte ASNs has each RIR assigned by year?
4-BYTE ASN ASSIGNMENTS

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

- RIPE NCC: 630
- AfriNIC: 14
- APNIC: 173
- ARIN: 28
- LACNIC: 148

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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>

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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?

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IPv6 ALLOCATIONS RIRs to LIRs/ISPs
(Jan 1999 – Sept 2010)

How many total allocations have been made by each RIR?

- RIPE NCC: 2,248
- AfriNIC: 85
- LACNIC: 338
- APNIC: 1,004
- ARIN: 1,031

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

- RIPE NCC: 35,224
- AfriNIC: 87
- LACNIC: 349
- ARIN: 15,599
- APNIC: 27,702
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

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thank you