INTERNET NUMBER RESOURCE STATUS REPORT

As of 30 June 2011

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

TOTAL IPv4 SPACE

CENTRAL REGISTRY 91

RIRs 130

IANA RESERVED 0

NOT AVAILABLE 35

Experimental 16
Local Identification 1
Loopback 1
Private Use 1
Multicast 16

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?
IPv4 ADDRESS SPACE ISSUED
(RIRs TO CUSTOMERS)

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

- APNIC 44.22
- AfriNIC 2.27
- LACNIC 5.87
- ARIN 27.44

RIPE NCC 30.79
ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

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

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

- ARIN: 21,987
- AfriNIC: 712
- LACNIC: 2,159
- APNIC: 6,903
- RIPE NCC: 22,701
### 4-BYTE ASN ASSIGNMENTS

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

- **AfriNIC**
- **APNIC**
- **ARIN**
- **LACNIC**
- **RIPE NCC**

#### 4-byte ASN Assignments

- **2007**
- **2008**
- **2009**
- **2010**
- **2011**

June 2011 Internet Number Resource Report
4-BYTE ASN ASSIGNMENTS

How many total 4-byte ASNs has each RIR assigned?
(Jan 2007 – Jun 2011)

RIPE NCC - 1,310
LACNIC - 402
APNIC - 329
AfriNIC - 24
ARIN - 40

June 2011
Internet Number Resource Report
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>
IPv6 Allocations RIRs to LIRs/ISPs

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

[Graph showing allocations by year for different RIRs]
IPv6 ALLOCATIONS RIRs to LIRs/ISPs
(Jan 1999 – Jun 2011)

How many total allocations have been made by each RIR?

RIPE NCC 3,410
AfriNIC 172
LACNIC 596
APNIC 1,370
ARIN 1,498

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

RIPE NCC 38,985
AfriNIC 284
LACNIC 1,011
ARIN 17,293
APNIC 31,297
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