INTERNET NUMBER RESOURCE STATUS REPORT

As of 30 September 2009

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
- RIRs 104
- IANA RESERVED 26
- NOT AVAILABLE 35

ARIN 31
AfriNIC 3
LACNIC 6
RIPE NCC 30
APNIC 34
EXPERIMENTAL 16
LOCAL IDENTIFICATION 1
LOOPBACK 1
PRIVATE USE 1
MULTICAST 16
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 – Sep 2009)

- RIPE NCC: 24.92%
- APNIC: 29.10%
- AfriNIC: 1.08%
- LACNIC: 4.10%
- ARIN: 23.06%
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 – Sep 2009)

RIPE NCC 18,170

ASNs

APNIC 5,404
AfriNIC 479
LACNIC 1,418
ARIN 19,379
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?
IPv6 ALLOCATIONS RIRs to LIRs/ISPs
(Jan 1999 – Sep 2009)

How many total allocations have been made by each RIR?
- APNIC: 575
- AfriNIC: 59
- LACNIC: 213
- ARIN: 692

RIPE NCC: 1,592

In terms of /32s, how much total space has each RIR allocated?
- APNIC: 24,440
- AfriNIC: 59
- LACNIC: 228
- ARIN: 15,047

RIPE NCC: 33,629

September 2009 Internet Number Resource Report
• 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