INTERNET NUMBER RESOURCE
STATUS REPORT

As of 30 December 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

ARIN 36
AfrinIC 5
LACNIC 9
RIPE NCC 35
APNIC 45

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IPv4 ADDRESS SPACE ISSUED
(RIRs TO CUSTOMERS)

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

- AfriNIC
- APNIC
- ARIN
- LACNIC
- RIPE NCC

Year: '99, '00, '01, '02, '03, '04, '05, '06, '07, '08, '09, '10, '11

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IPv4 ADDRESS SPACE ISSUED
(RIRs TO CUSTOMERS)
In terms of /8s, how much total space has each RIR issued?
(Jan 1999 – Dec 2011)

- APNIC: 44.33 /8s
- AfriNIC: 2.31 /8s
- LACNIC: 6.43 /8s
- ARIN: 27.82 /8s
- RIPE NCC: 31.97 /8s
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 2011)

- ARIN 22,664
- AfriNIC 774
- LACNIC 2,459
- APNIC 7,710
- RIPE NCC 23,965
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 2011)

RIPE NCC 1,804
AfriNIC 26
APNIC 970
LACNIC 620
ARIN 41

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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>
IPv6 Allocations RIRs to LIRs/ISPs

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

- AfriNIC
- APNIC
- ARIN
- LACNIC
- RIPE NCC

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

How many total allocations have been made by each RIR?

RIPE NCC: 3,845
- AfriNIC: 223
- LACNIC: 804
- APNIC: 1,560
- ARIN: 1,689

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

RIPE NCC: 41,414
- AfriNIC: 440
- LACNIC: 1,940
- ARIN: 19,177
- APNIC: 40,803

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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