



2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
62.109.128 195.048.02.03 2001:610:240 193.0.0.203 2001:610:240 193.0.0.202
193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203

Number Resource Organization



INTERNET NUMBER RESOURCE STATUS REPORT

As of 30 September 2011

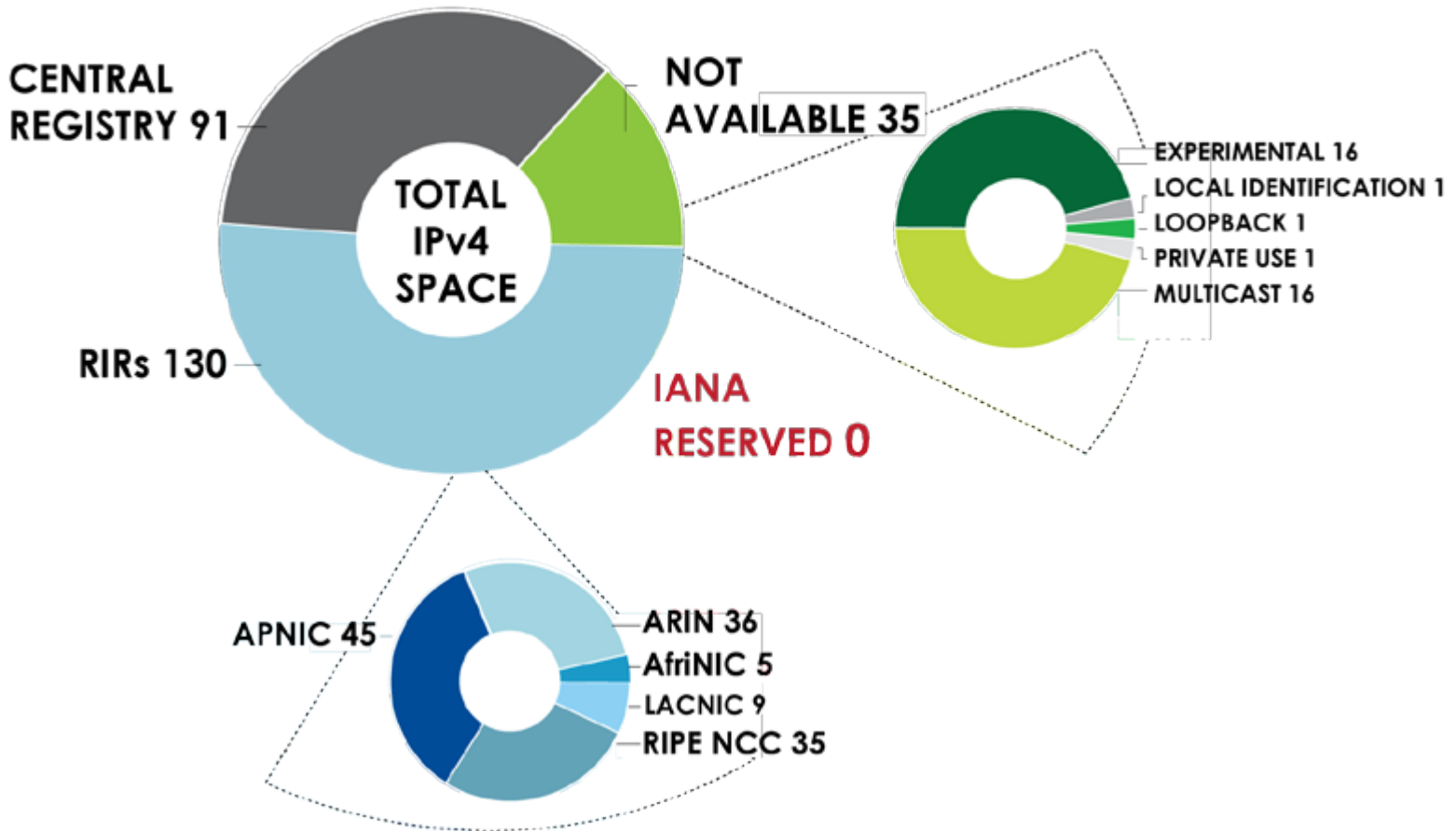
Prepared by
Regional Internet Registries
AfrINIC, APNIC, ARIN, LACNIC and the RIPE NCC

2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203 195:048:02:03
62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:202 2001:610:240:0-193:0:0:202
193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203
2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203
Number Resource Organization

IPv4 ADDRESS SPACE

What is the status of each of the 256 /8s?

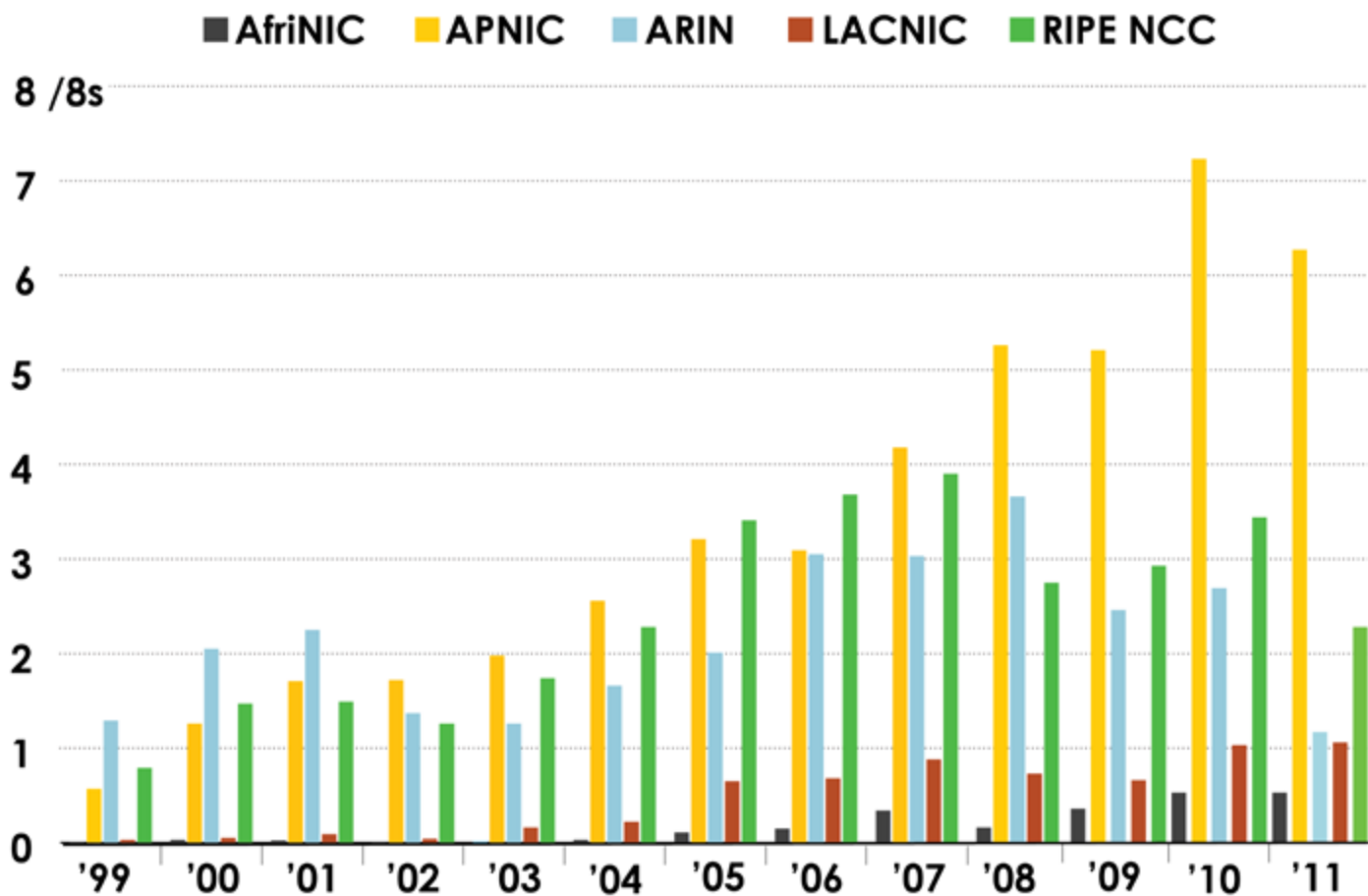
STATUS OF 256 /8s IPv4 ADDRESS SPACE





IPv4 ADDRESS SPACE ISSUED (RIRs TO CUSTOMERS)

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



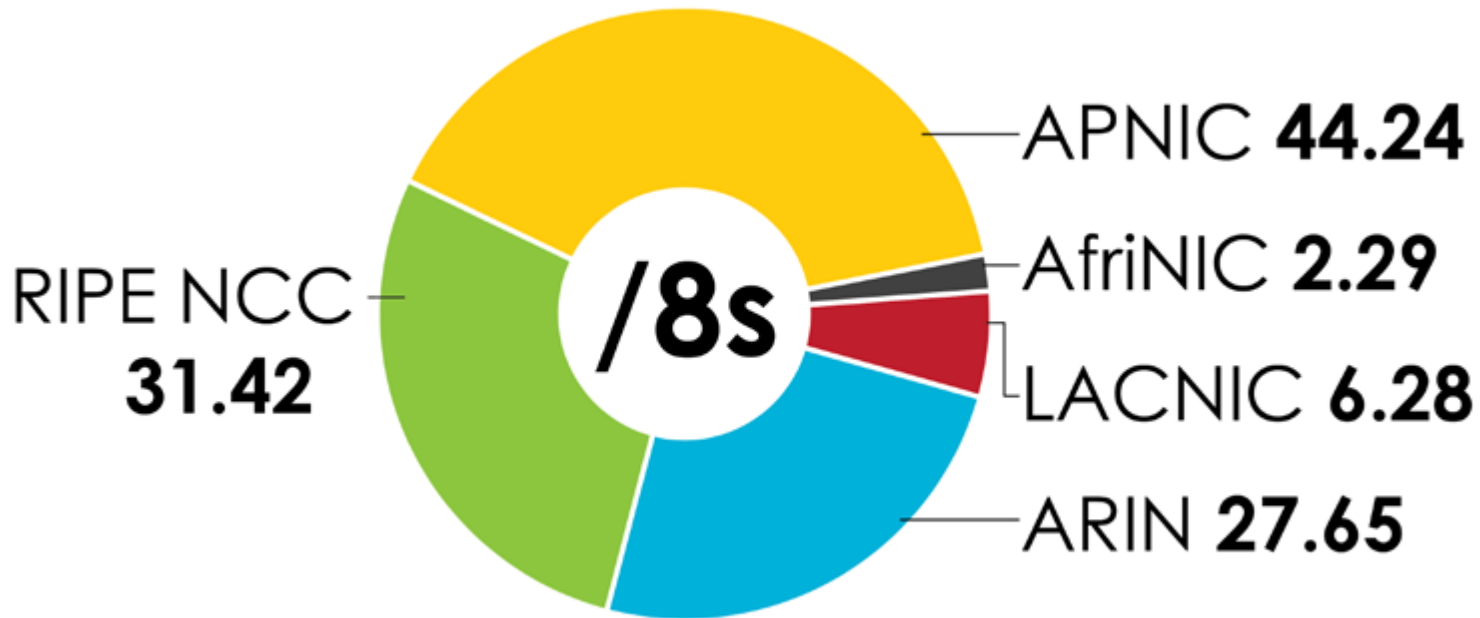
Number Resource Organization

2001:610:240:0-193:0:0:202
62:109:128-195:048:02:03
193:0:0:203 2001:610:240:0-193:0:0:202
2001:610:240:0-193:0:0:202
62:109:128-195:048:02:03
193:0:0:203 2001:610:240:0-193:0:0:202
62:109:128-195:048:02:03
2001:610:240:0-193:0:0:202



IPv4 ADDRESS SPACE ISSUED (RIRs TO CUSTOMERS)

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

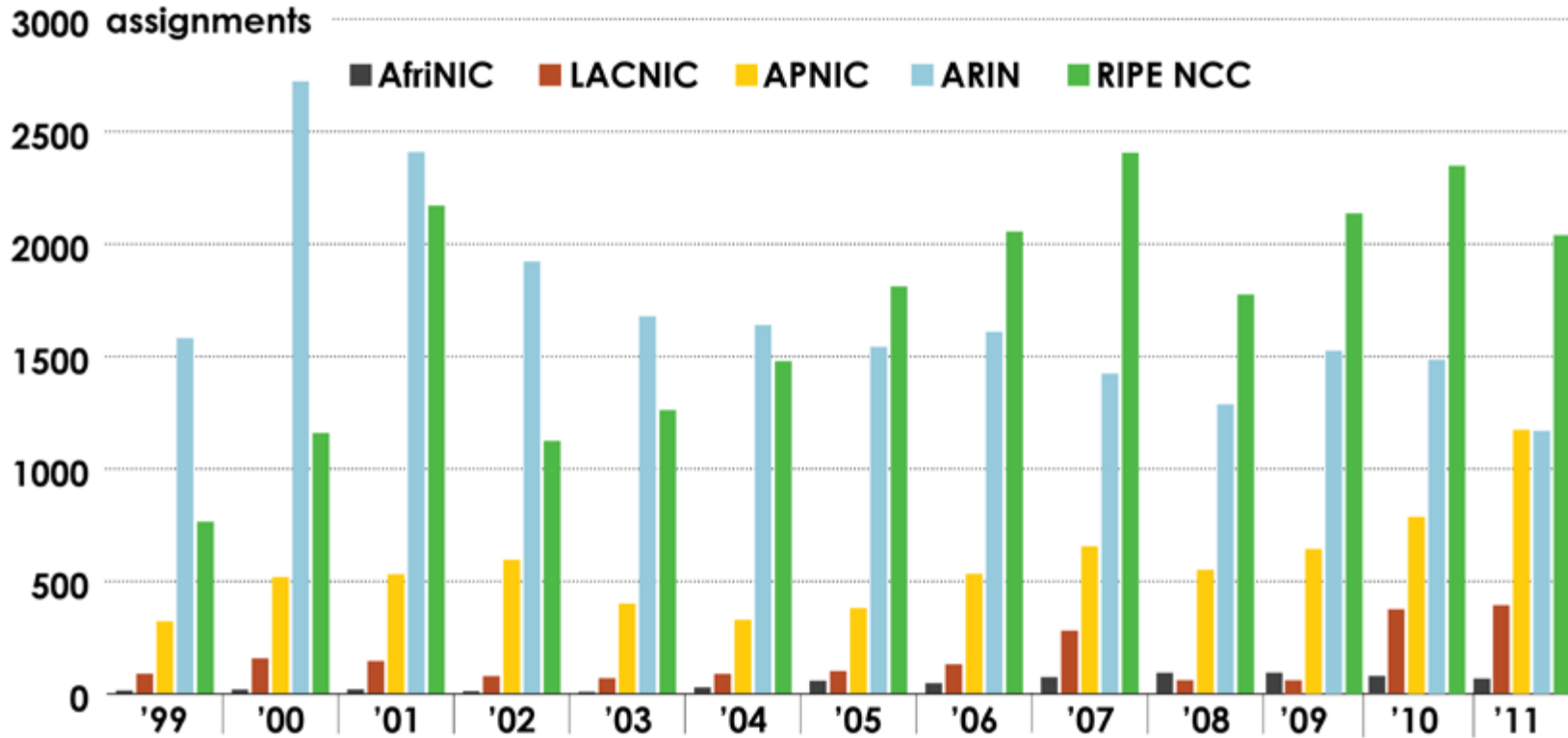


2001:610:240:0-193:0:0:202 62 109 128 195:048:02:03 178 12 09 02 2001:610:240 193:0:0:203
62 109 128 195:048:02:03 178 12 09 02 2001:610:240 193:0:0:202
193:0:0:203 2001:610:240:0-193:0:0:202 62 109 128 195:048:02:03 178 12 09 02 2001:610:240 193:0:0:203
2001:610:240:0-193:0:0:202 62 109 128 195:048:02:03 178 12 09 02 2001:610:240 193:0:0:203
Number Resource Organization



ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many ASNs has each RIR assigned by year?

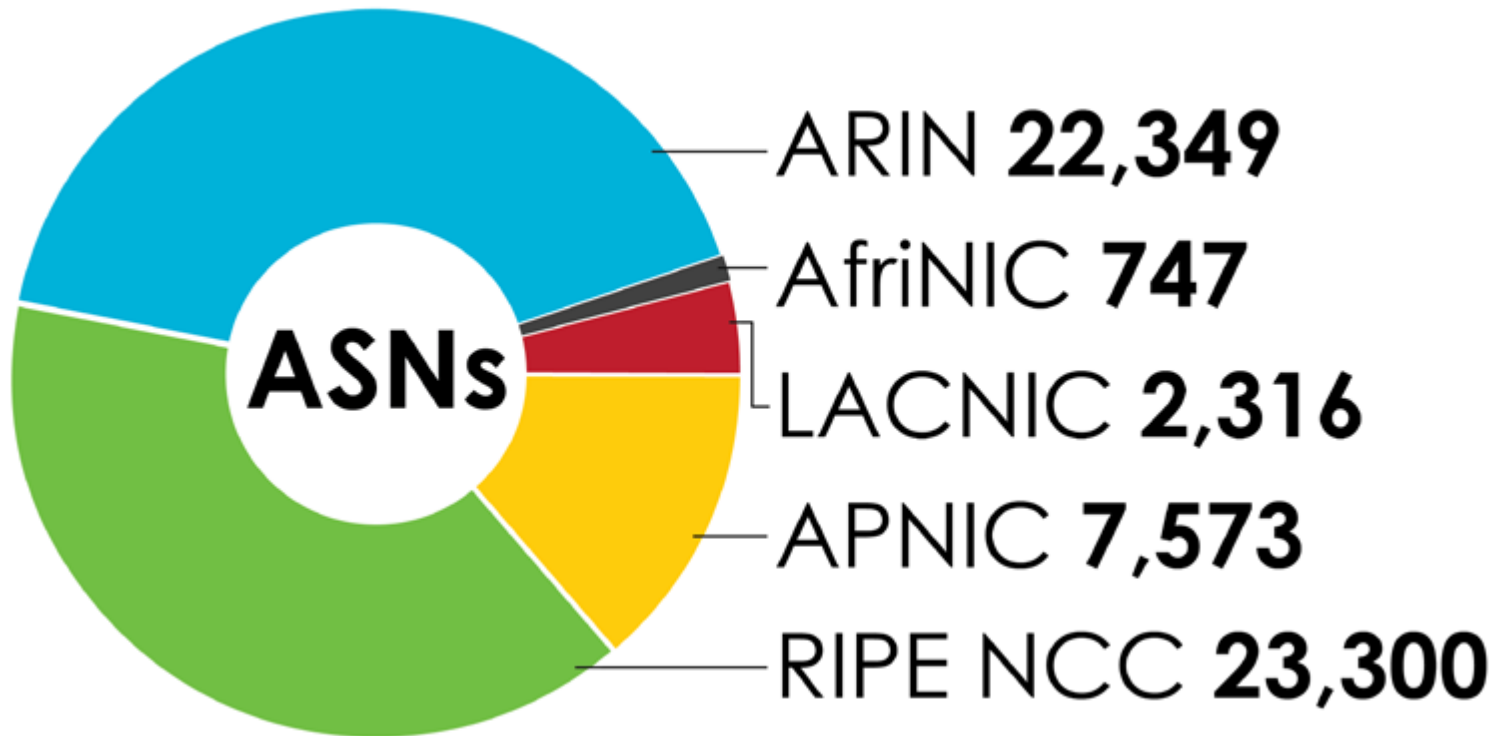


2001:610:240:0-1933:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240 193:0:0:203 193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240 193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240 193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240 193:0:0:203

Number Resource Organization

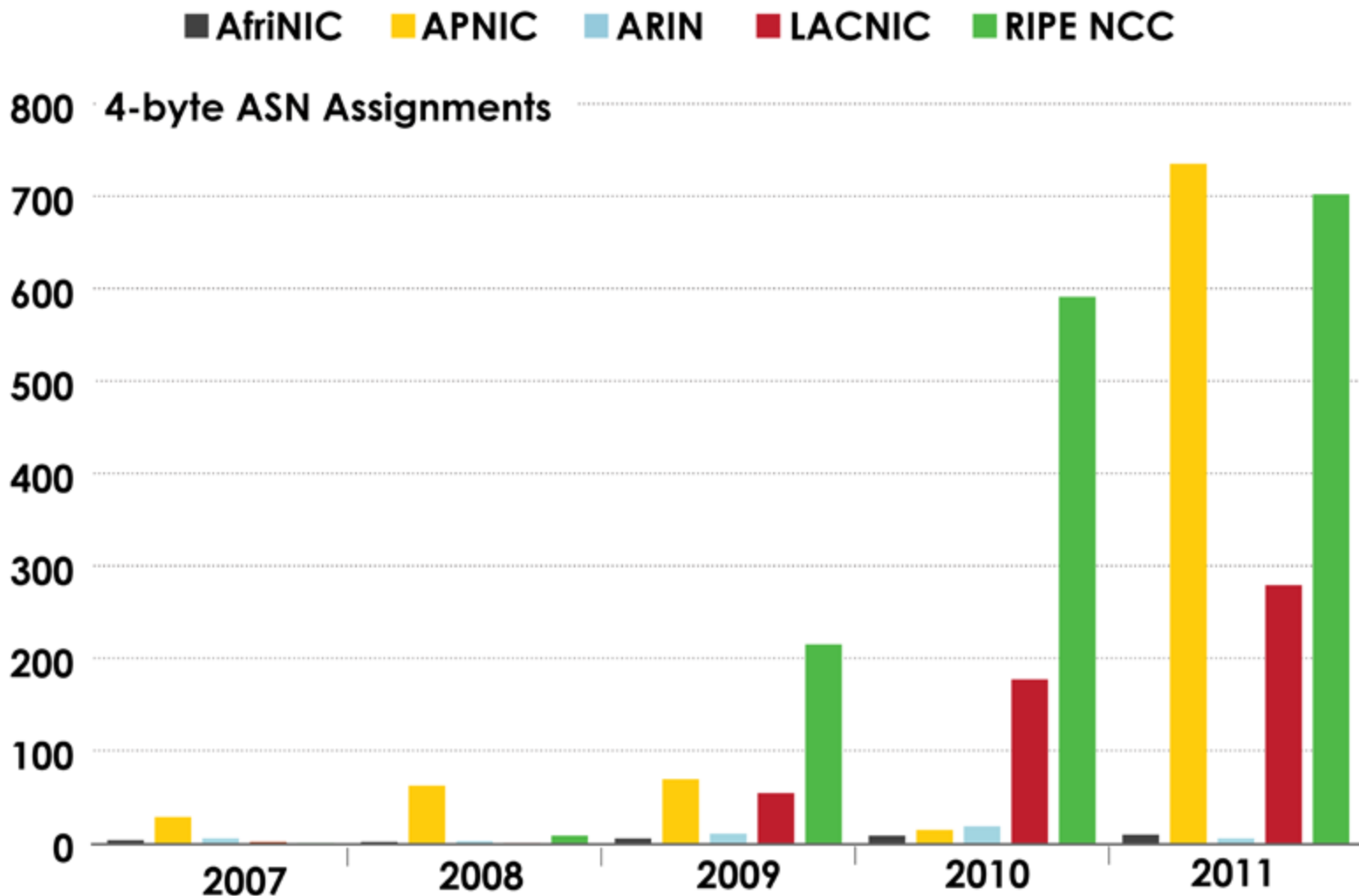
ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

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



4-BYTE ASN ASSIGNMENTS

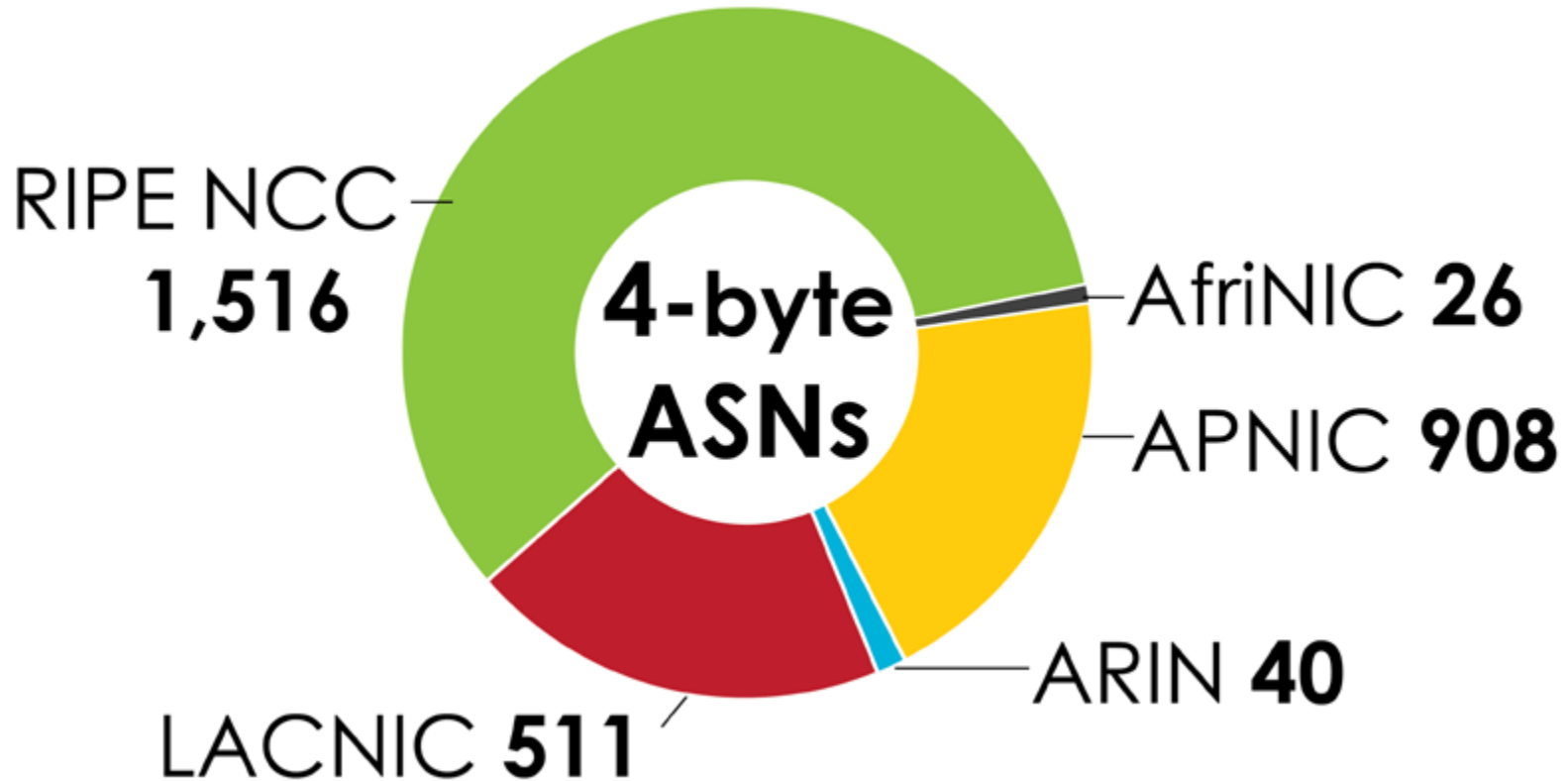
How many 4-byte ASNs has each RIR assigned by year?



2001:610:240:0-1933:0:0:202 62:109:128-195:048:02:03 178:12:09:02 2001:610:240 1933:0:0:203
 62:109:128-195:048:02:03 2001:610:240 1933:0:0:202 62:109:128-195:048:02:03 178:12:09:02 2001:610:240 1933:0:0:203
 1933:0:0:203 2001:610:240:0-1933:0:0:202 62:109:128-195:048:02:03 178:12:09:02 2001:610:240 1933:0:0:203
 2001:610:240:0-1933:0:0:202 62:109:128-195:048:02:03 178:12:09:02 2001:610:240 1933:0:0:203
 Number Resource Organization

4-BYTE ASN ASSIGNMENTS

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

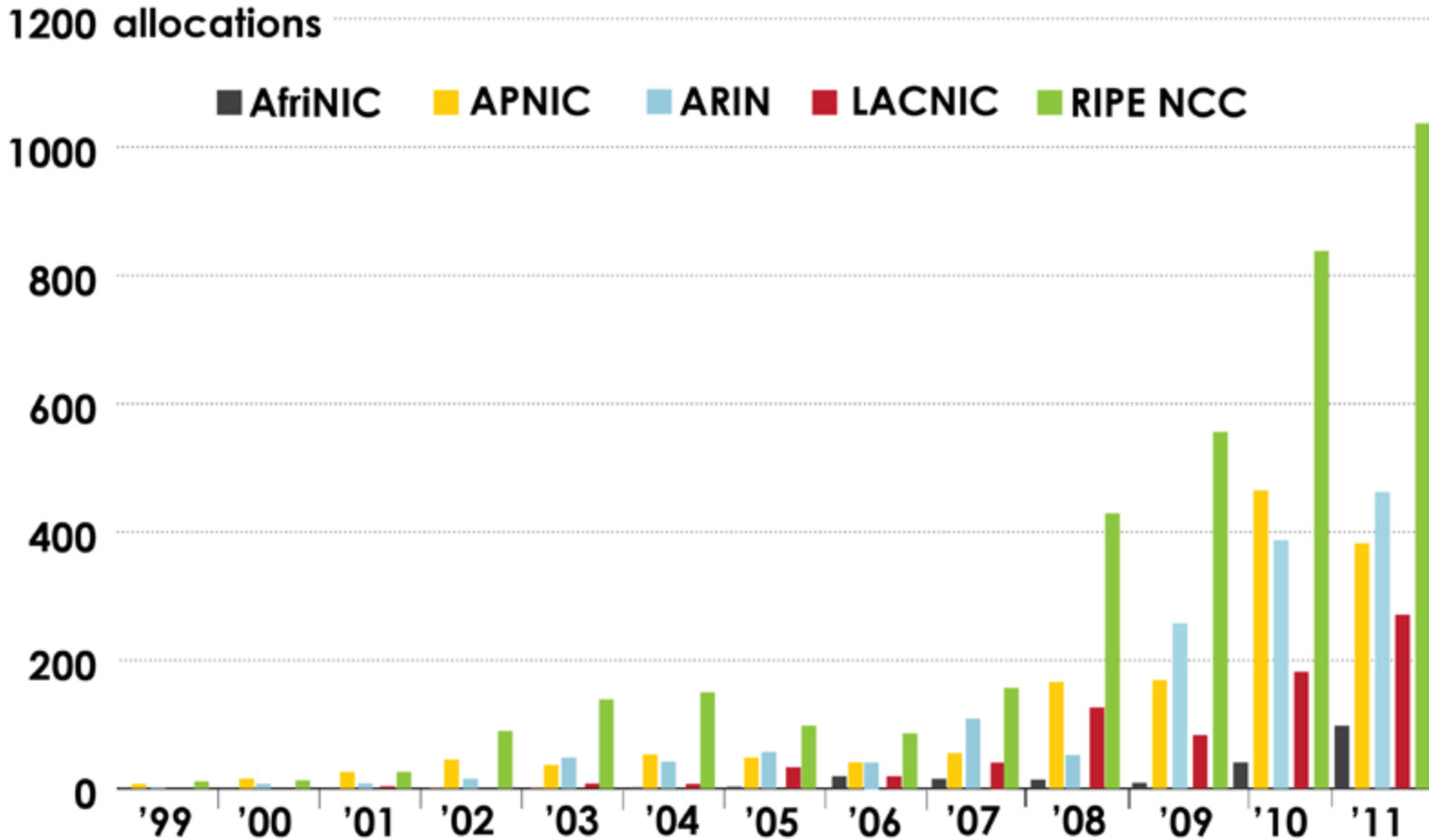


2001:610:240:0-193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
62.109.128 195.048.02.03 2001:610:240 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
193.0.0.203 2001:610:240:0-193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
2001:610:240:0-193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
Number Resource Organization



IPv6 Allocations RIRs to LIRs/ISPs

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

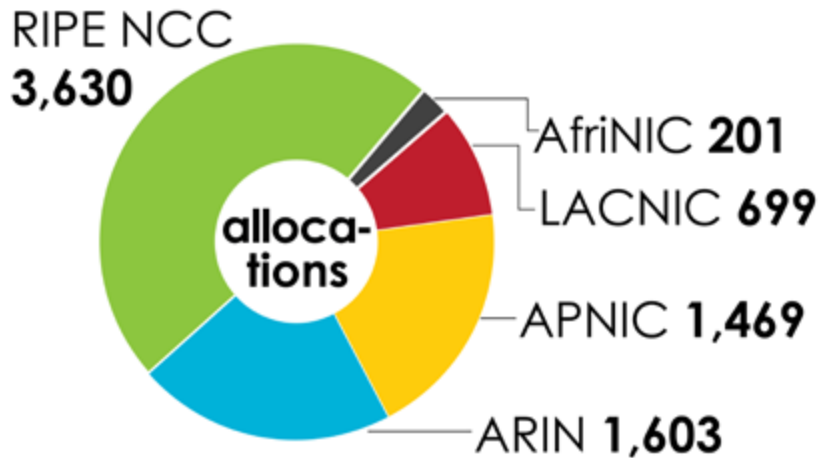


2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
 193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
 Number Resource Organization

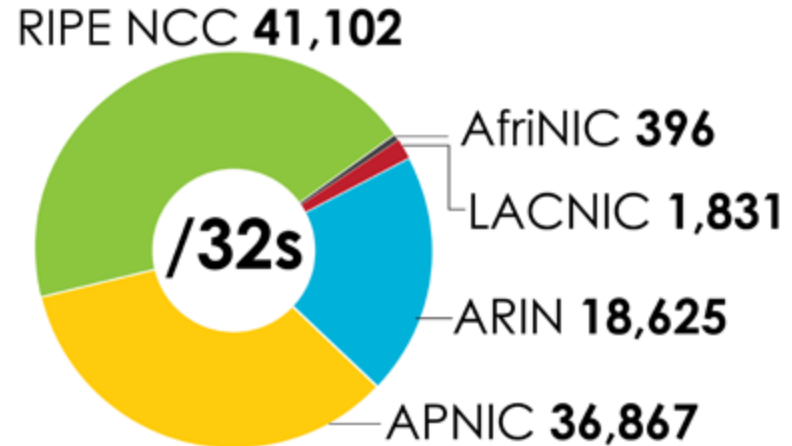
IPv6 ALLOCATIONS RIRs to LIRs/ISPs

(Jan 1999 – Sept 2011)

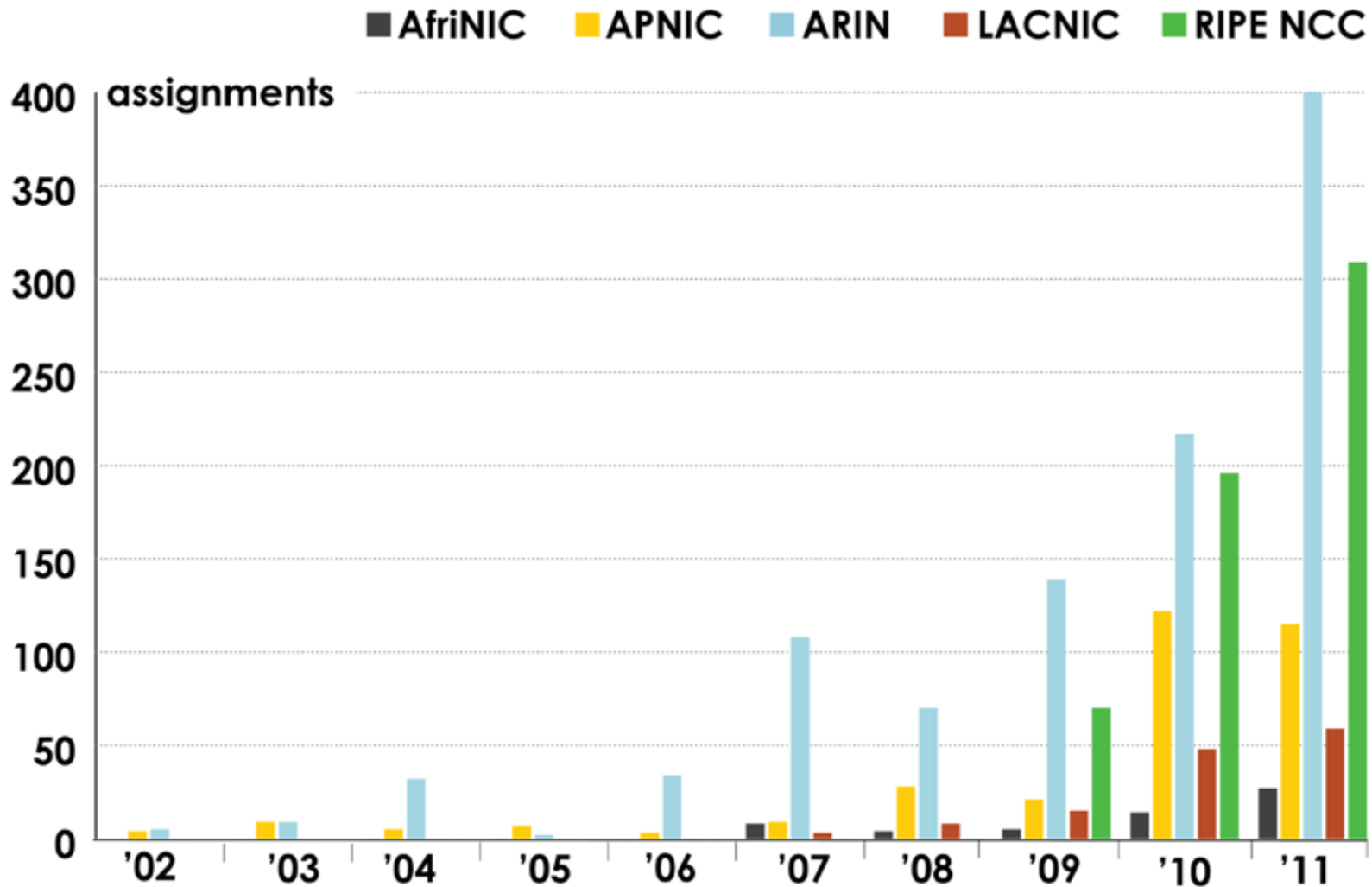
How many total allocations have been made by each RIR?



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



IPV6 ASSIGNMENTS RIRS TO END-USERS



2001:610:240:0-1933:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240:0-1933:0:0:203
 193:0:0:203 2001:610:240:0-1933:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240:0-1933:0:0:202
 2001:610:240:0-1933:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240:0-1933:0:0:203
 Number Resource Organization



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

2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
62.109.128 195.048.02.03 2001:610:240 193.0.0.202 2001:610:240 193.0.0.203
193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203
Number Resource Organization