

# Number Resource Organization

As of 31 December 2010

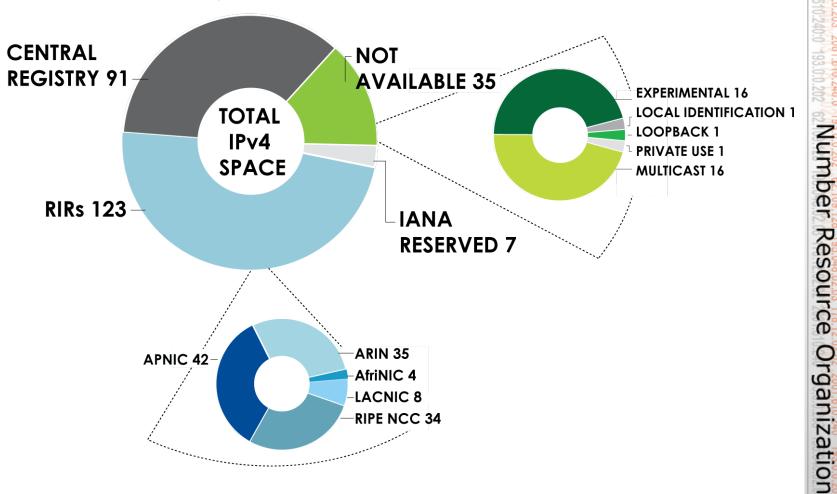
Prepared by
Regional Internet Registries
AfriNIC, APNIC, ARIN, LACNIC and the RIPE NCC



# **IPv4 ADDRESS SPACE**

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

### STATUS OF 256 /8s IPv4 ADDRESS SPACE

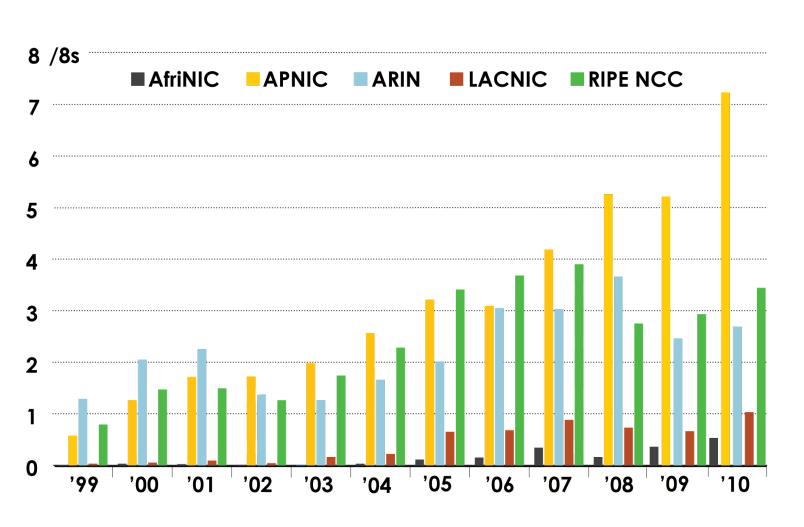




### **IPv4 ADDRESS SPACE ISSUED**

(RIRS TO CUSTOMERS)

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

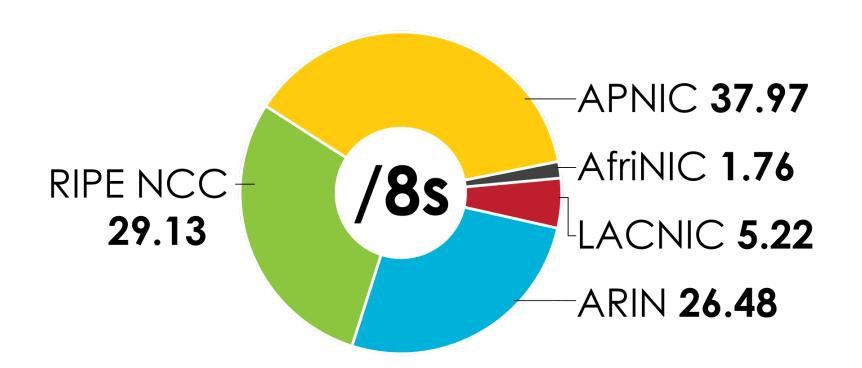




### **IPv4 ADDRESS SPACE ISSUED**

(RIRS TO CUSTOMERS)

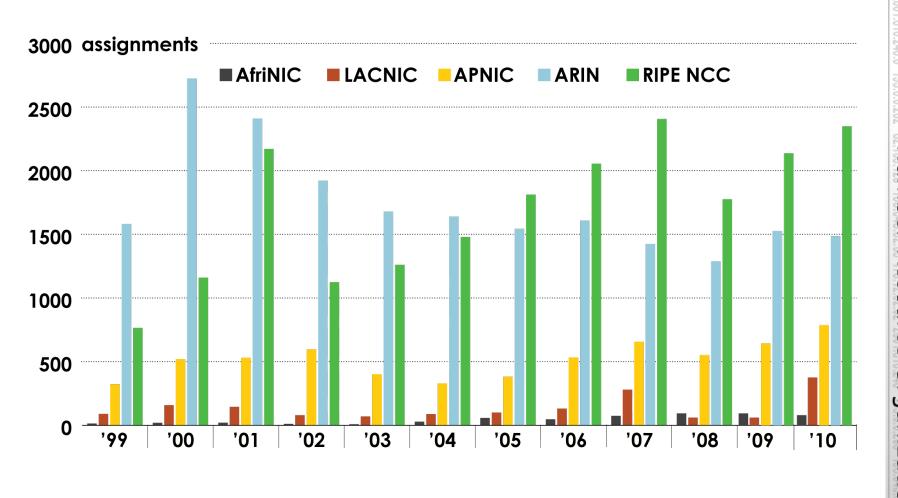
In terms of /8s, how much total space has each RIR issued? (Jan 1999 – Dec 2010)





# **ASN ASSIGNMENTS** (RIRS TO CUSTOMERS)

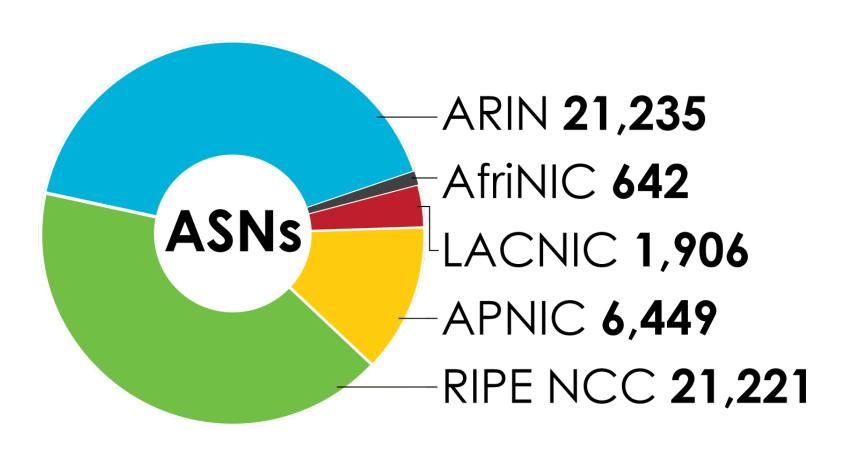
How many ASNs has each RIR assigned by year?





### **ASN ASSIGNMENTS** (RIRS TO CUSTOMERS)

How many total ASNs has each RIR assigned? (Jan 1999 – Dec 2010)

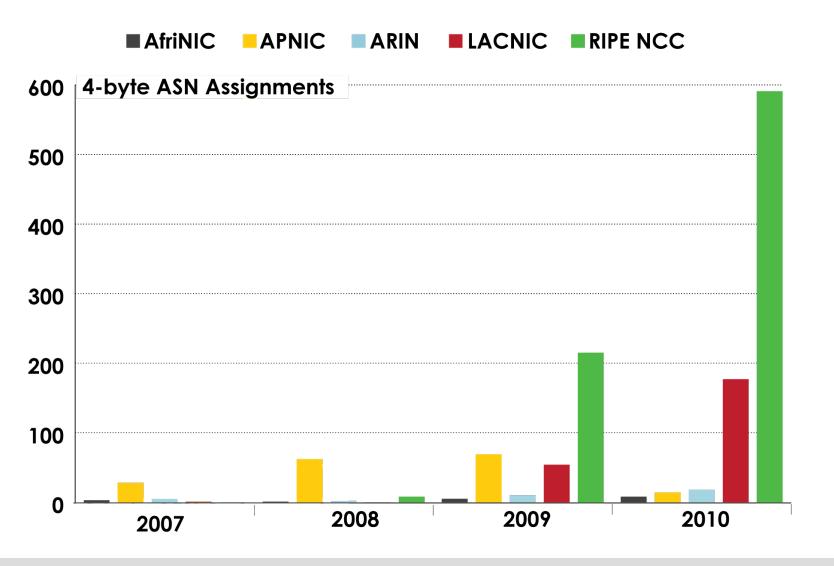




### **4-BYTE ASN ASSIGNMENTS**

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

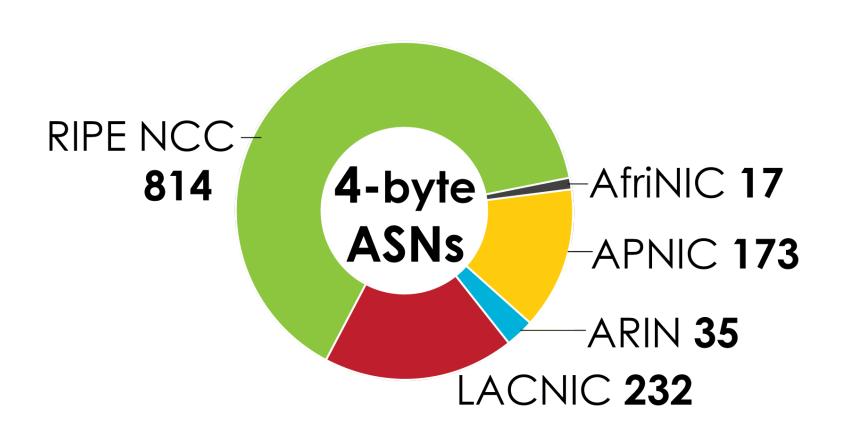
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### **4-BYTE ASN ASSIGNMENTS**

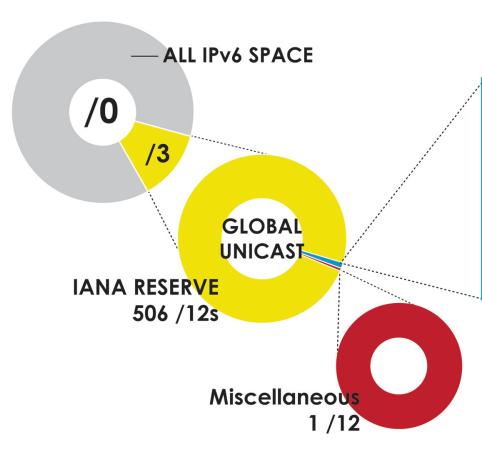
How many total 4-byte ASNs has each RIR assigned? (Jan 2007 – Dec 2010)





### **IPv6 ADDRESS SPACE**

How much has been allocated to the RIRs?



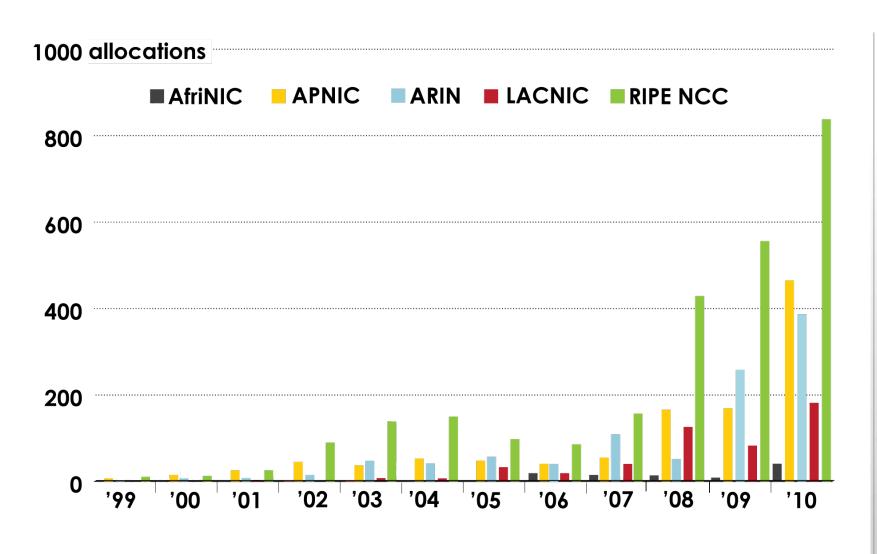
### RIRs 5 /12s (October 2006)

RIR	IPv6 ADDRESS
AfriNIC	2C00:0000::/12
APNIC	2400:0000::/12
ARIN	2600:0000::/12
LACNIC	2800:0000::/12
RIPE NCC	2A00:0000::/12



# IPv6 Allocations RIRs to LIRs/ISPs

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



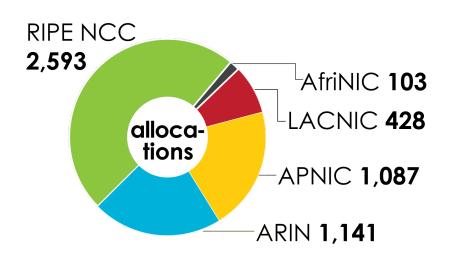


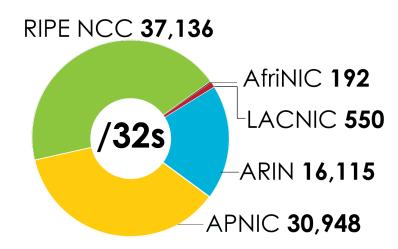
# IPv6 ALLOCATIONS RIRs to LIRs/ISPs

(Jan 1999 - Dec 2010)

How many total allocations have been made by each RIR?

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

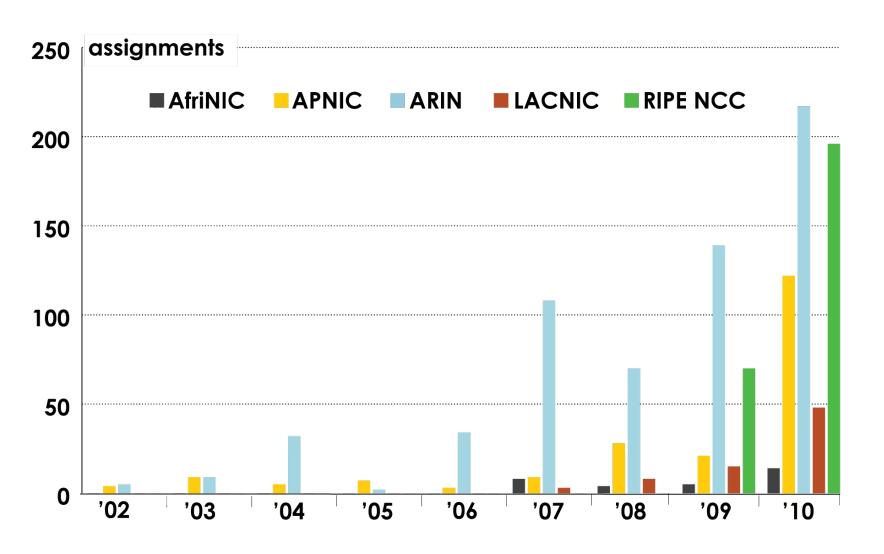




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### IPV6 ASSIGNMENTS RIRS TO END-USERS





# 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-unicastaddress-assignments



# thank you