NRO

Number Resource Organization

INTERNET NUMBER RESOURCE STATUS REPORT

As of 30 June 2010

Prepared by

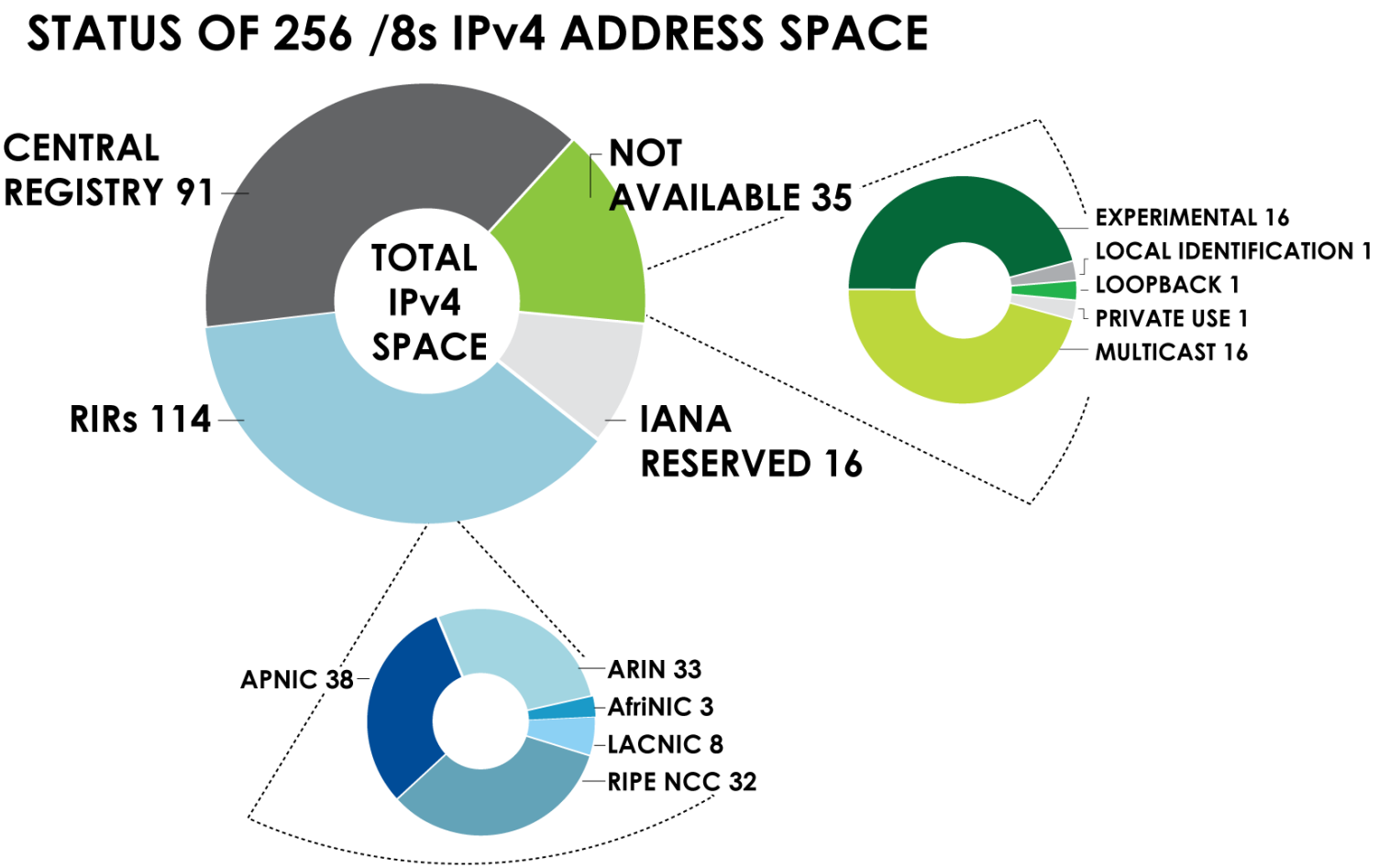
Regional Internet Registries

AfriNIC, APNIC, ARIN, LACNIC and the RIPE NCC

Number Resource Organization

IPv4 ADDRESS SPACE

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

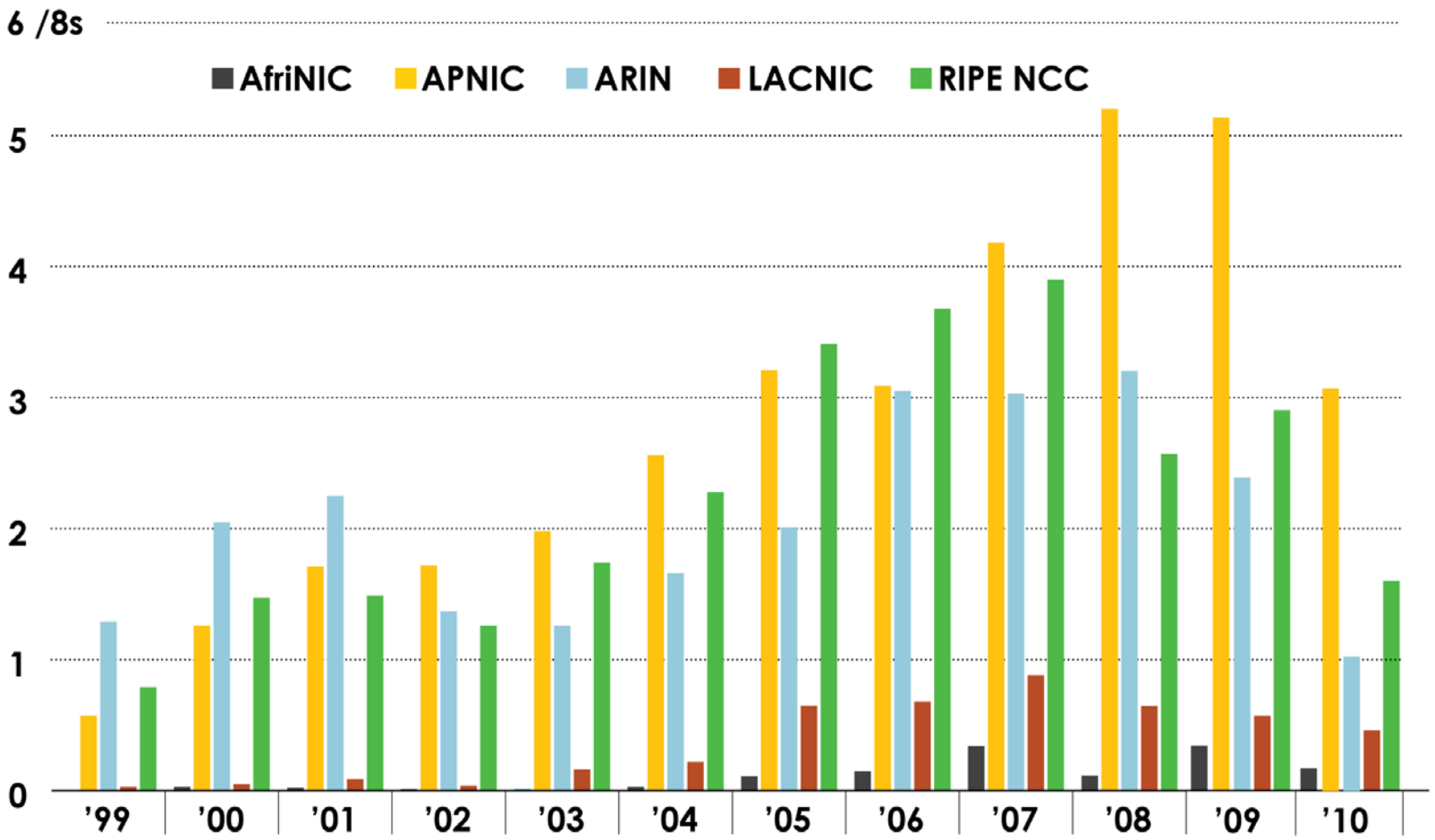


Number Resource Organization

IPv4 ADDRESS SPACE ISSUED

(RIRs TO CUSTOMERS)

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

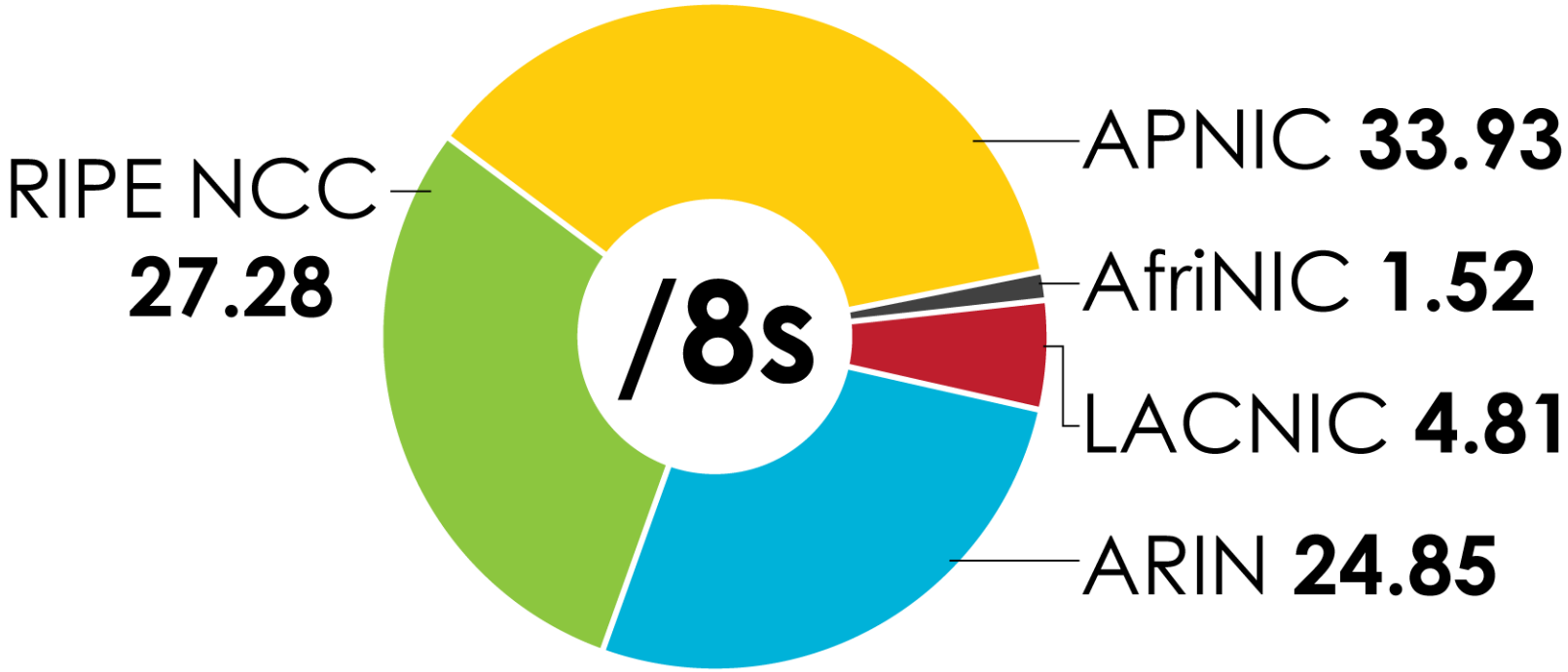


Number Resource Organization

IPv4 ADDRESS SPACE ISSUED

(RIRs TO CUSTOMERS)

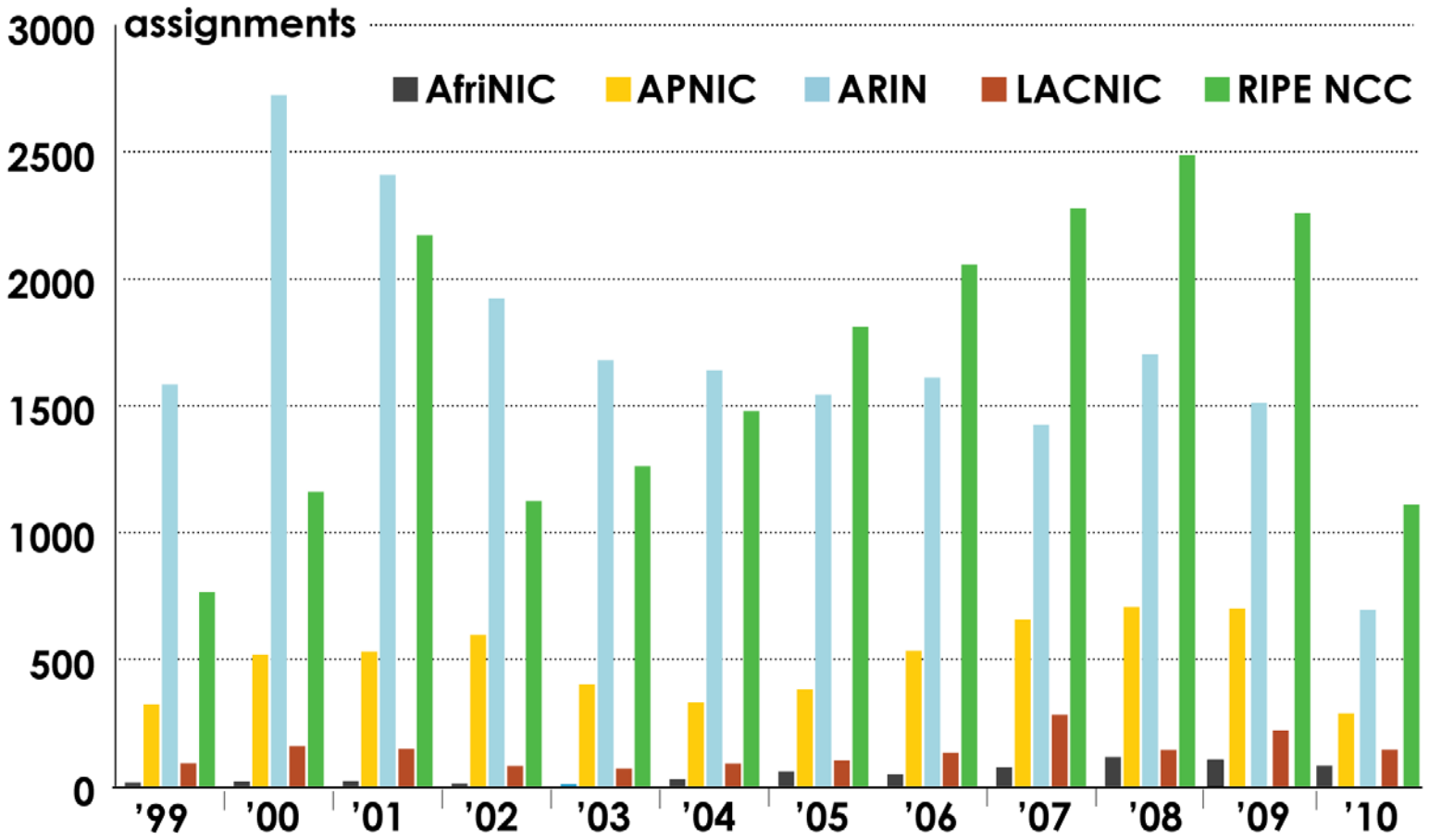
In terms of /8s, how much total space has each RIR issued?
(Jan 1999 – June 2010)



Number Resource Organization

ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

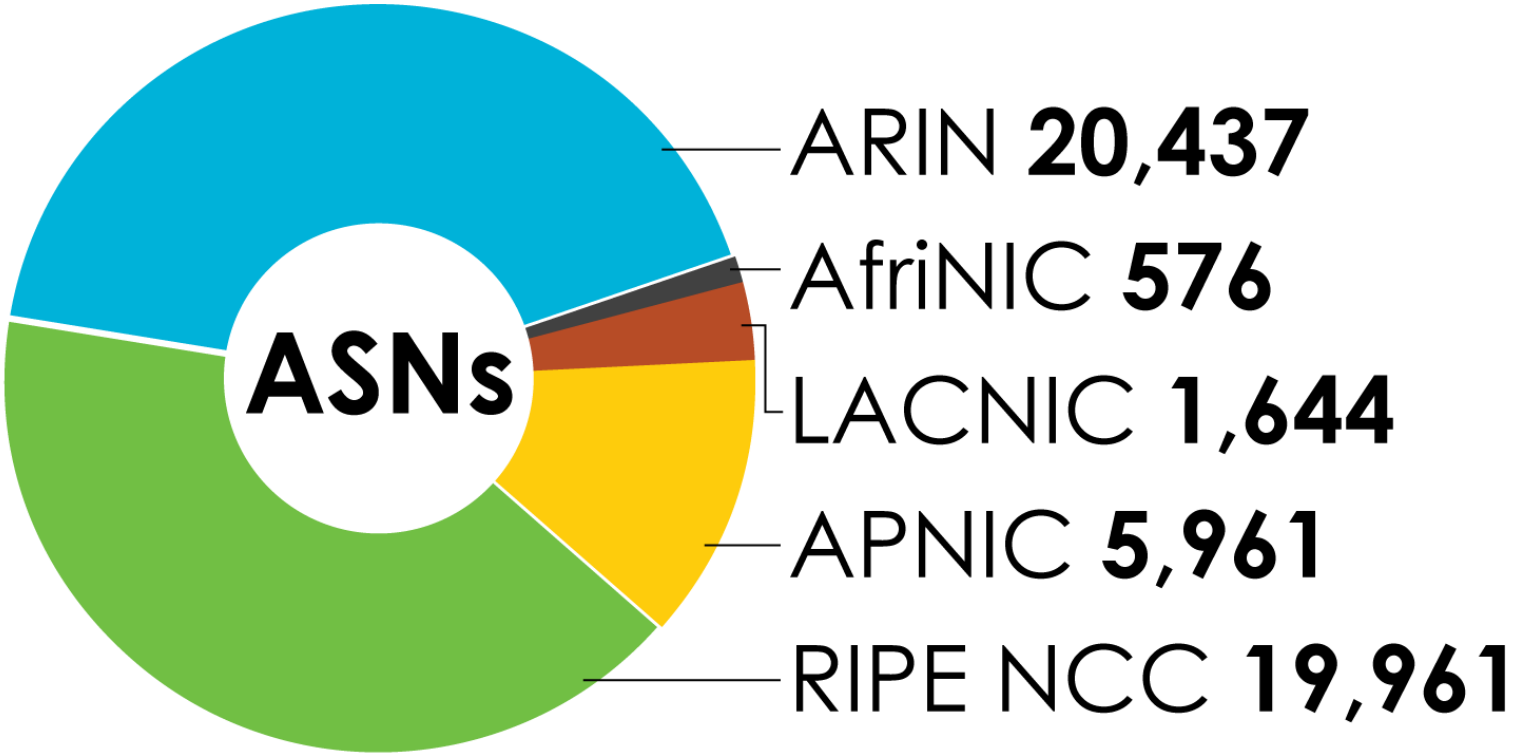
How many ASNs has each RIR assigned by year?



Number Resource Organization

ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

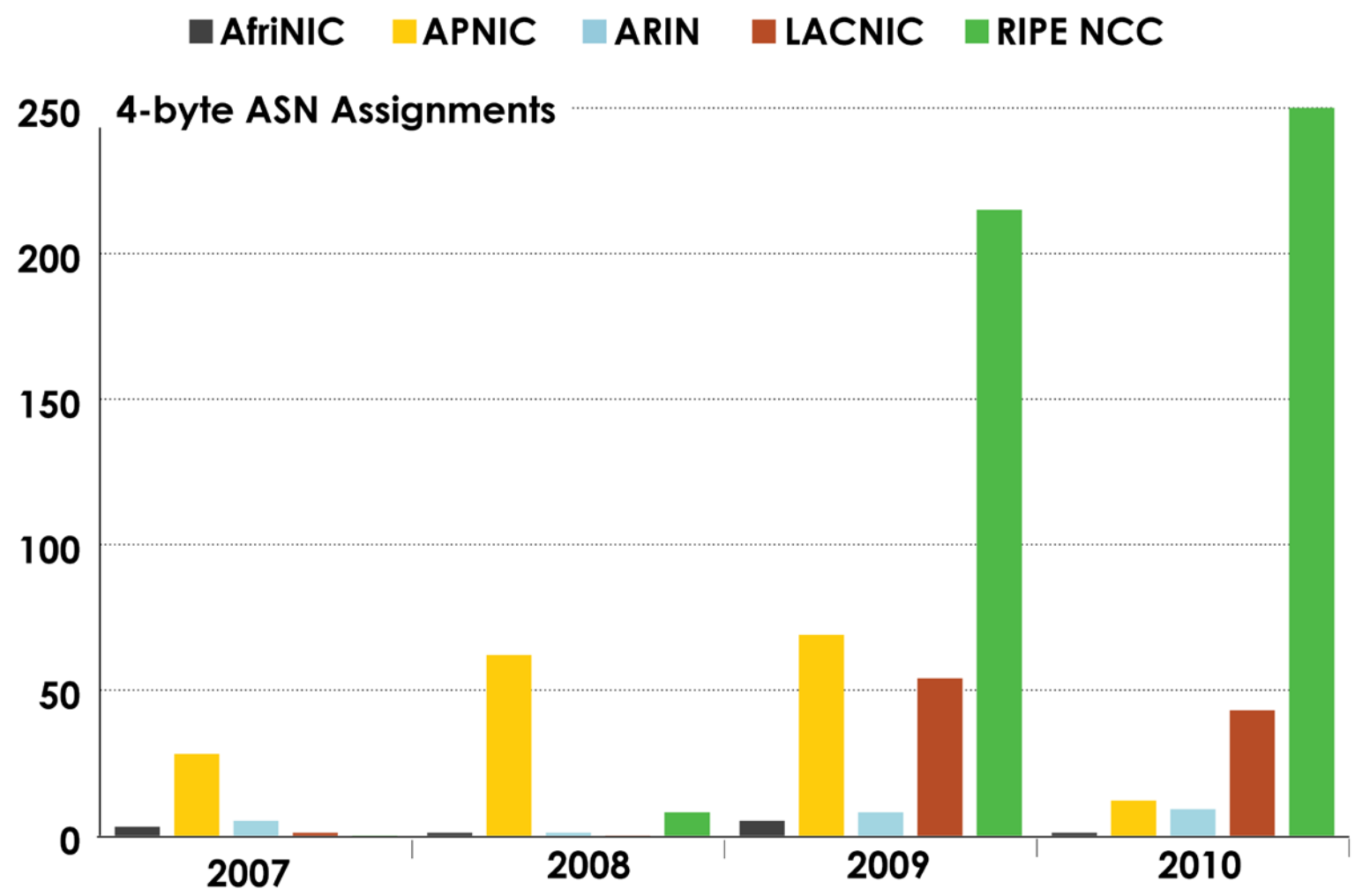
How many total ASNs has each RIR assigned?
(Jan 1999 – June 2010)



Number Resource Organization

4-BYTE ASN ASSIGNMENTS

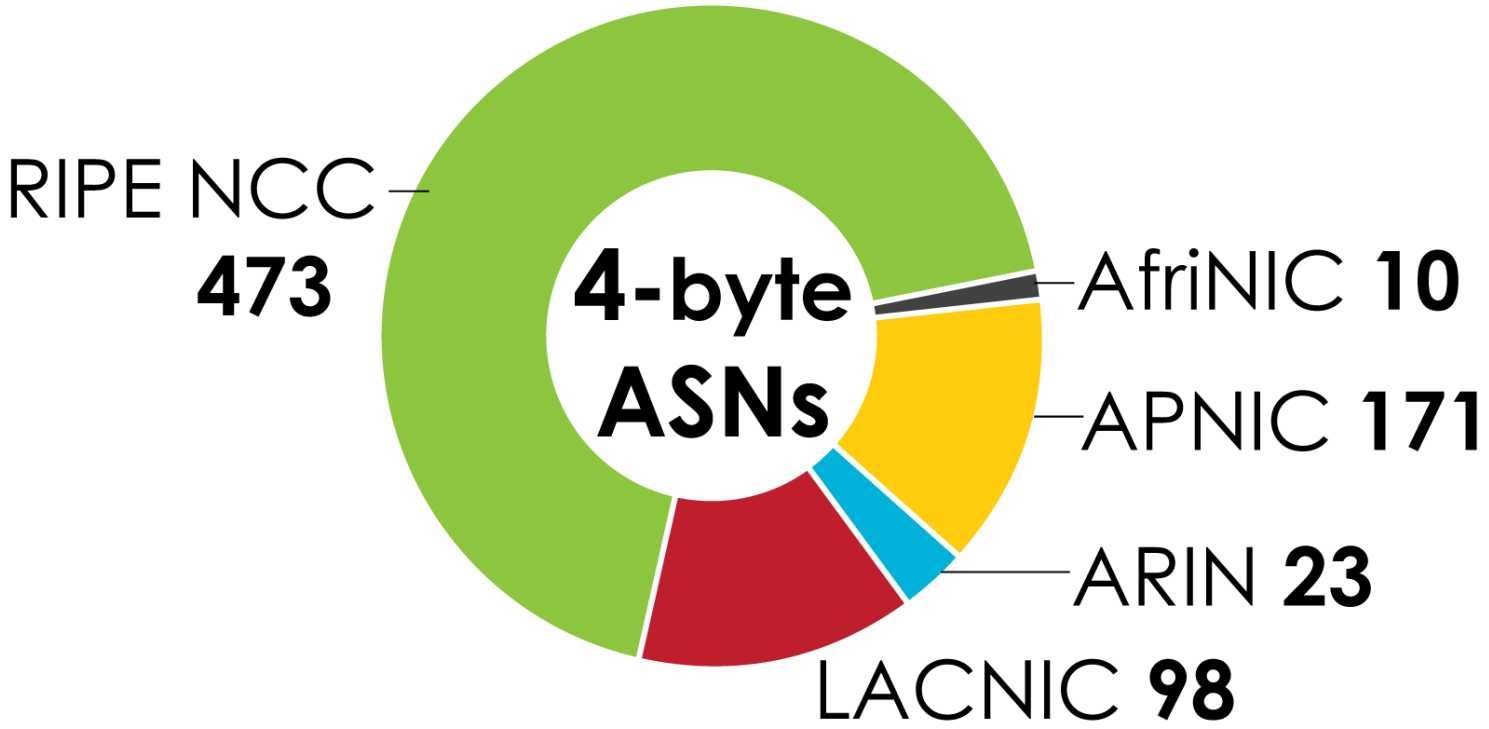
How many 4-byte ASNs has each RIR assigned by year?



Number Resource Organization

4-BYTE ASN ASSIGNMENTS

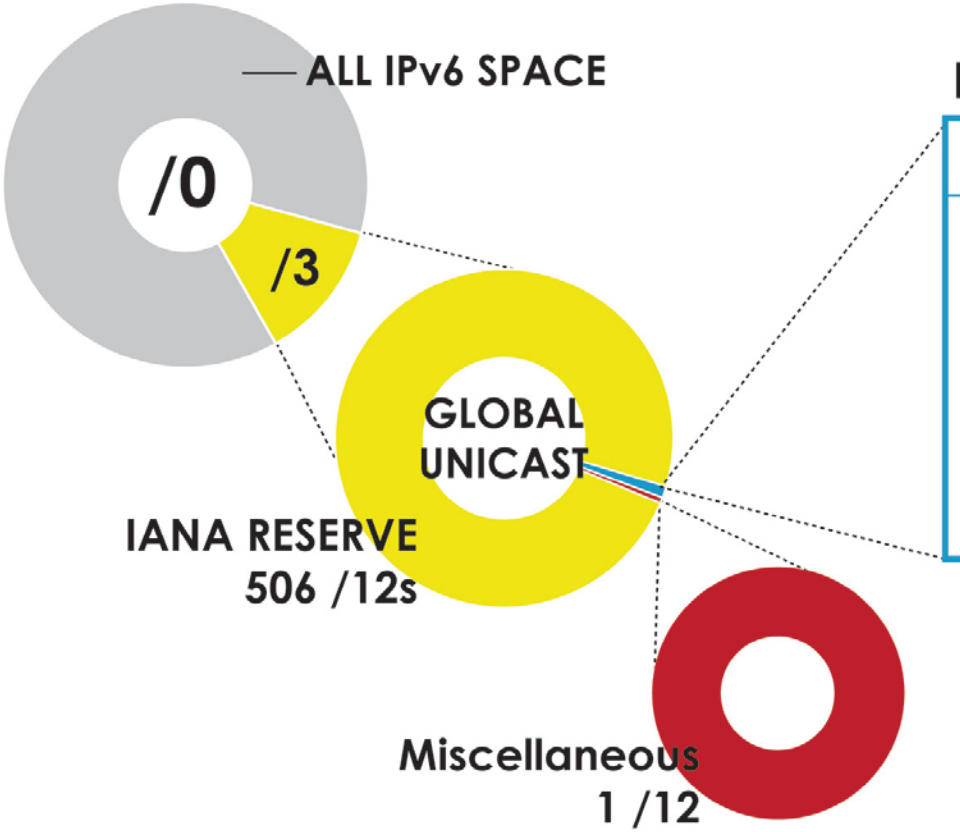
How many total 4-byte ASNs has each RIR assigned?
(Jan 2007 – June 2010)



Number Resource Organization

IPv6 ADDRESS SPACE

How much has been allocated to the RIRs?



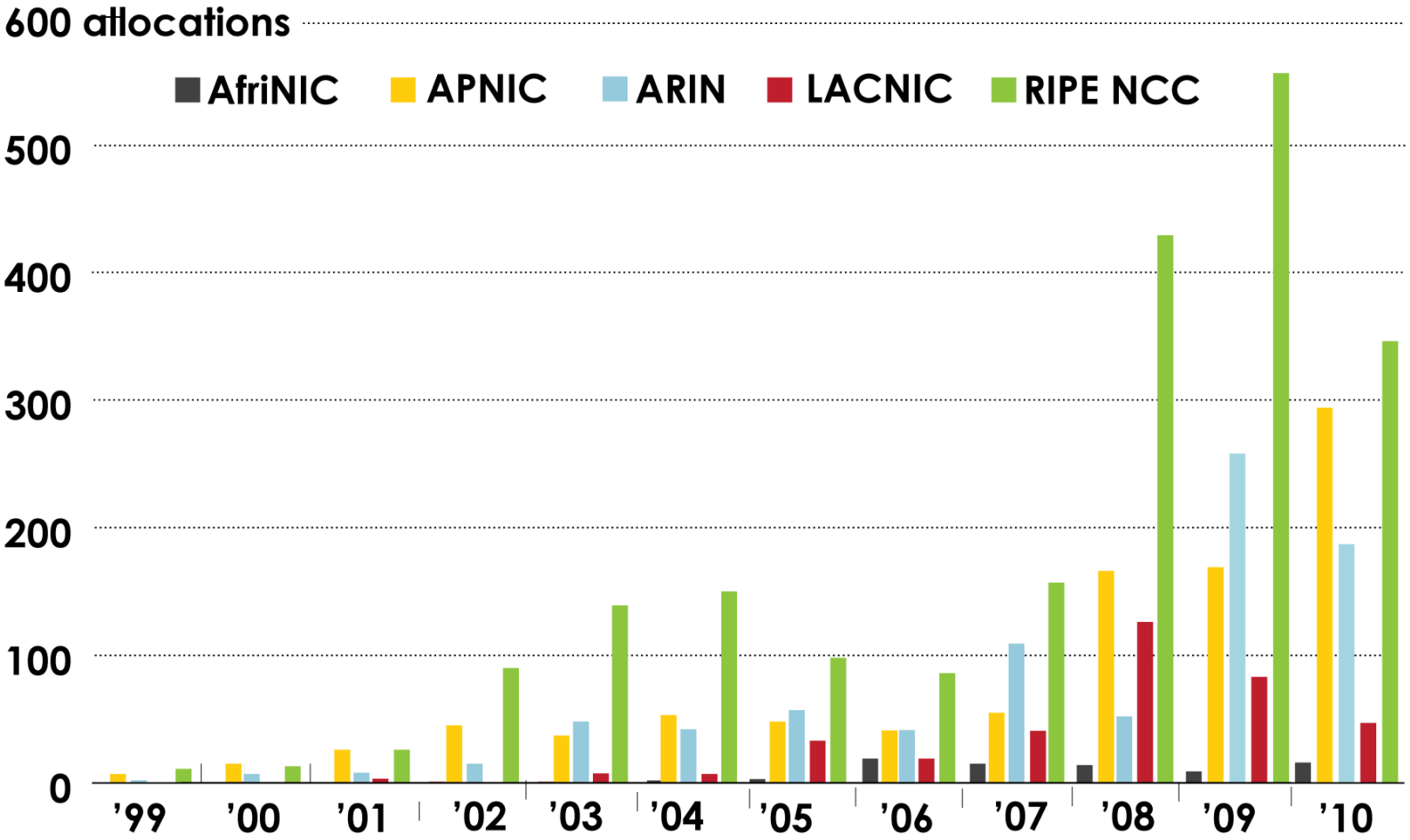
RIRs 5 /12s (October 2006)

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

Number Resource Organization

IPv6 Allocations RIRs to LIRs/ISPs

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

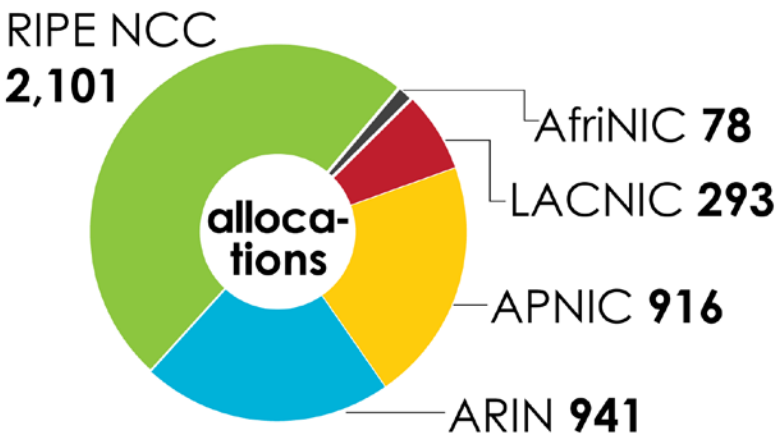


Number Resource Organization

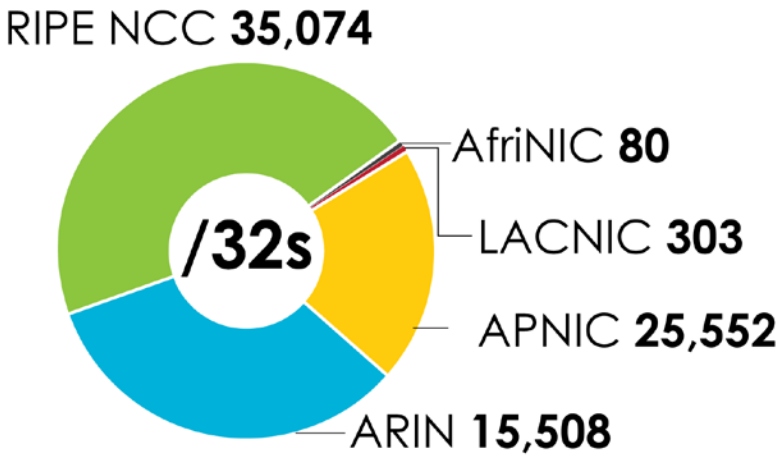
IPv6 ALLOCATIONS RIRs to LIRs/ISPs

(Jan 1999 – June 2010)

How many total allocations have been made by each RIR?

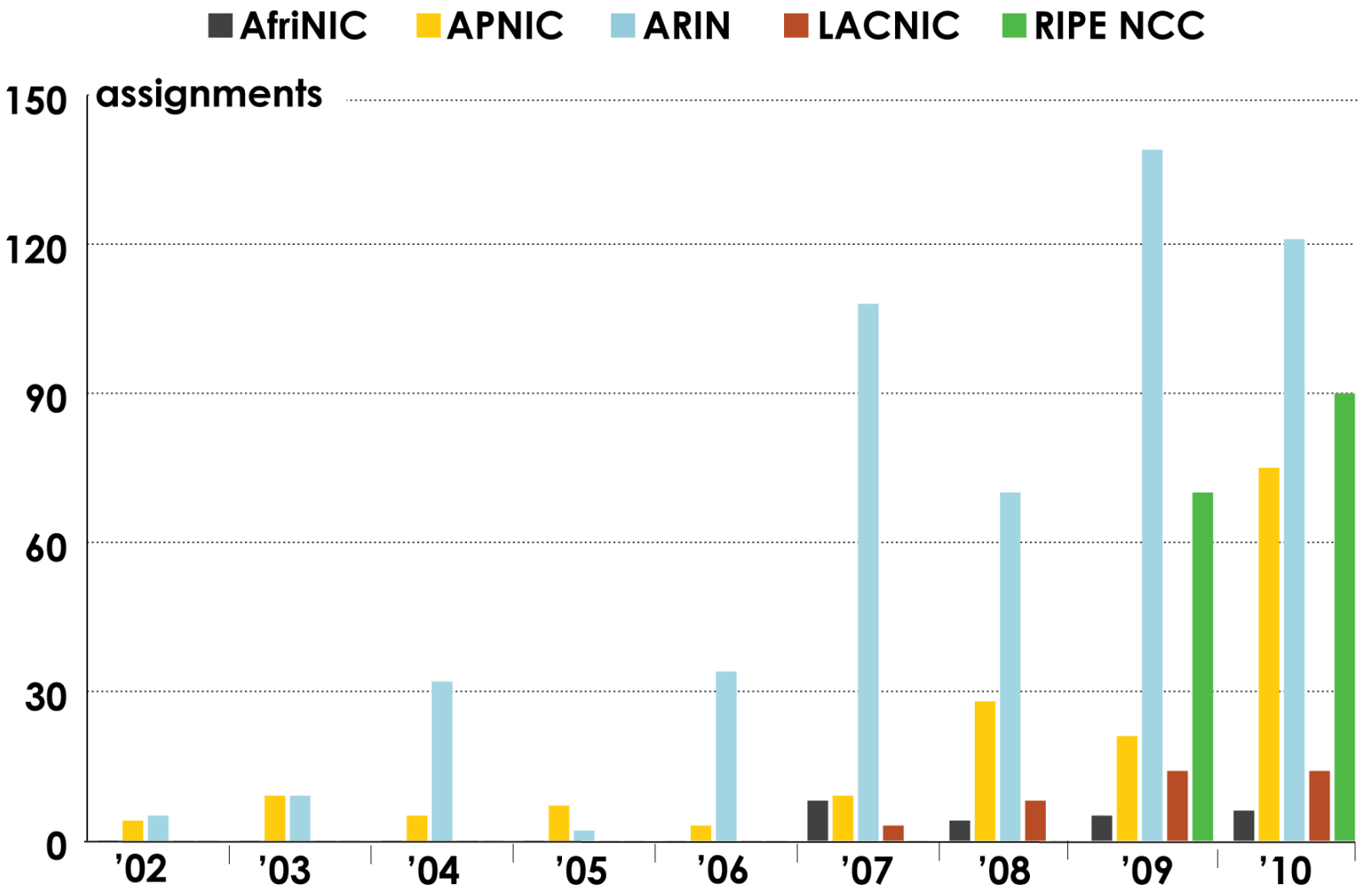


In terms of /32s, how much total space has each RIR allocated?



Number Resource Organization

IPV6 ASSIGNMENTS RIRS TO END-USERS



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

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thank you

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