

IANA Status Update

ARIN XXII, Los Angeles, CA

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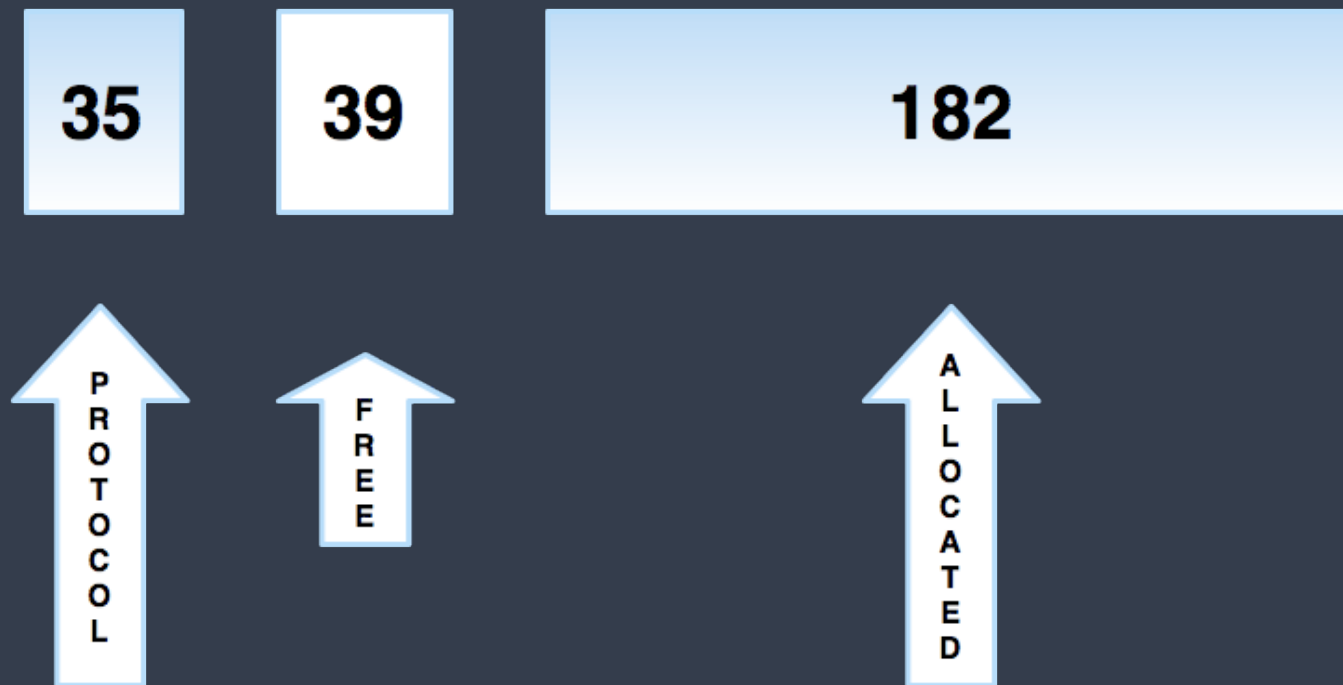


Internet Corporation for
Assigned Names & Numbers

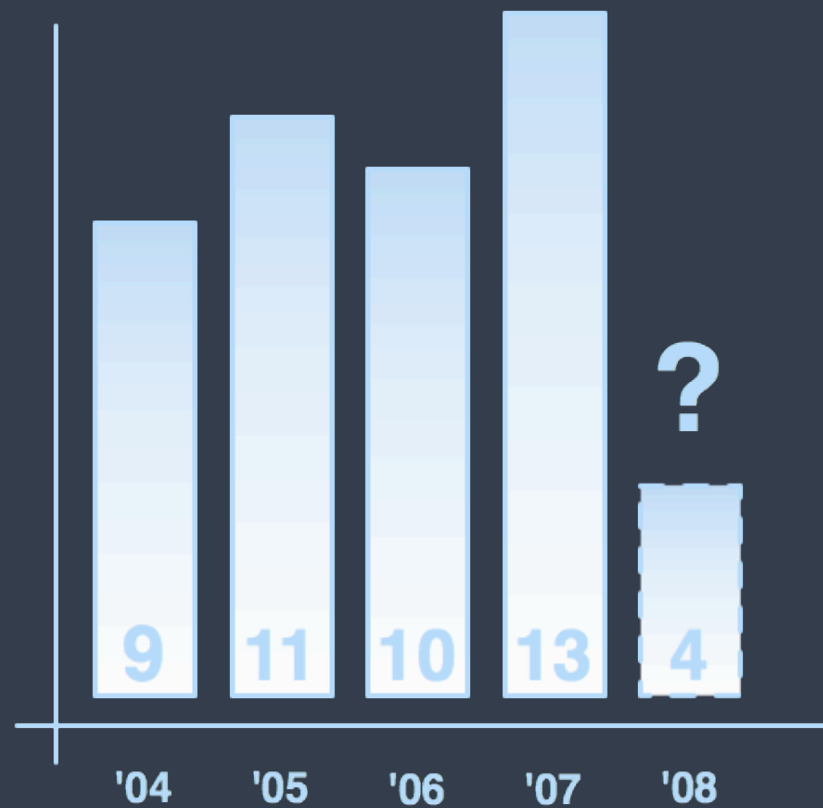
Overview

- ▶ IPv4 - What's Left
- ▶ XMLification
- ▶ Multicast Registries
- ▶ AS Numbers
 - ▶ Registry Update
 - ▶ Since the Global Policy
 - ▶ Expected work

IPv4 - What's left today?



IPv4 - Rate of Consumption Status in October 2008



Published in XML since ARIN XXI

- ▶ IPv4 address space registry
 - ▶ <http://www.iana.org/assignments/ipv4-address-space/ipv4-address-space.xml>
- ▶ AS Numbers registry
 - ▶ <http://www.iana.org/assignments/as-numbers/as-numbers.xml>

Multicast

- ▶ Developing XML format for the IPv4 and IPv6 registries with the IETF MBONED WG
- ▶ draft-ietf-mboned-rfc3171bis approaching publication

AS Numbers

- ▶ Worked with NRO to update the AS Numbers registry to reflect the authoritative Whois server for each AS Number
- ▶ One block of 16-bit AS Numbers allocated since the global policy was ratified by the ICANN board
- ▶ Expect to be instructed to update the AS Numbers registry to use ASPLAIN notation for 32-bit AS Numbers as per draft-ietf-idr-as-representation-01.txt

DNSSEC - Signing the Root

- ▶ Operated a test DNSSEC platform for over a year
- ▶ <https://ns.iana.org/dnssec/status.html>
- ▶ US DoC Notice of Inquiry
- ▶ <http://edocket.access.gpo.gov/2008/pdf/E8-23974.pdf>
- ▶ Proposal to sign the production DNS root
- ▶ <http://www.icann.org/en/announcements/announcement-2-09oct08-en.htm>

Thank You