



APNIC

Asia Pacific Network Information Centre



IPv6 Allocation Status Report

APNIC 17, Kuala Lumpur,
Malaysia.

IPv6 Technical SIG
25 February 2004



Overview

- RIR IPv6 Statistics
- Allocation/Assignment Statistics
- IPv6 Routing Table
- Whois Database Registrations

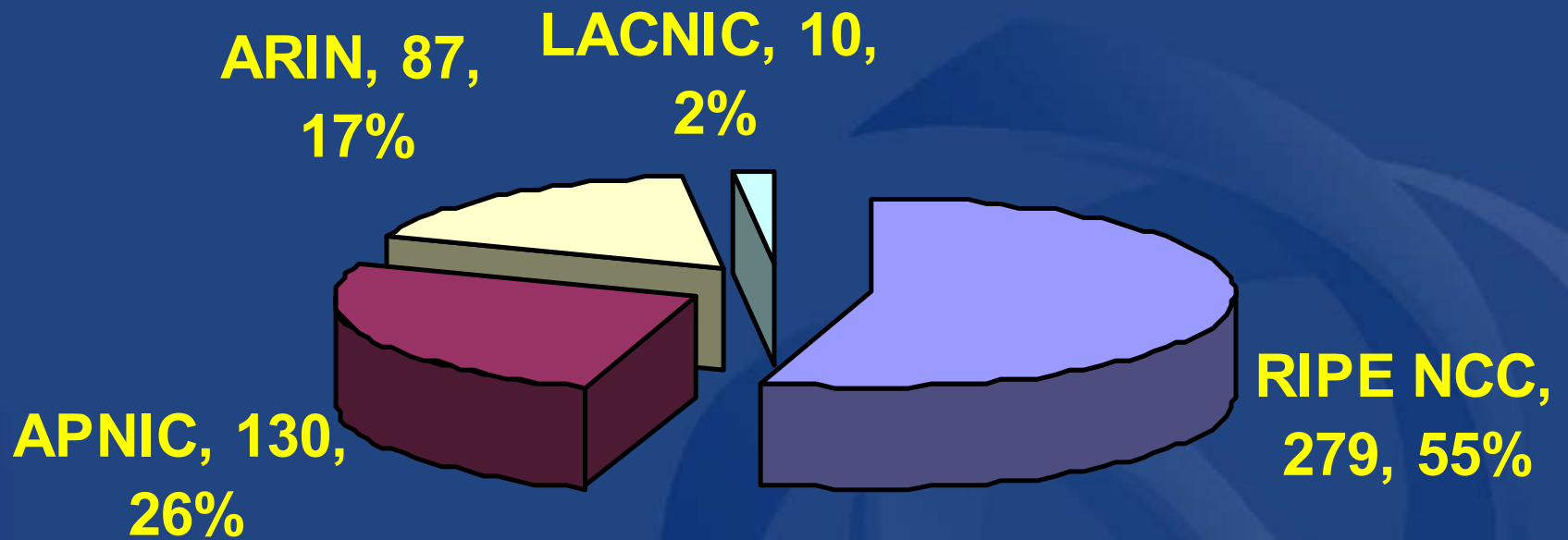


IANA IPv6 Allocations to RIRs



- APNIC
 - 2001:0200::/23
 - 2001:0C00::/23
 - 2001:0E00::/23
- ARIN
 - 2001:0400::/23
 - 2001:1800::/23
- LACNIC
 - 2001:1200::/23
- RIPE NCC
 - 2001:0600::/23
 - 2001:0800::/23
 - 2001:0A00::/23
 - 2001:1400::/23
 - 2001:1600::/23

RIR IPv6 Allocations (/32 and /35)





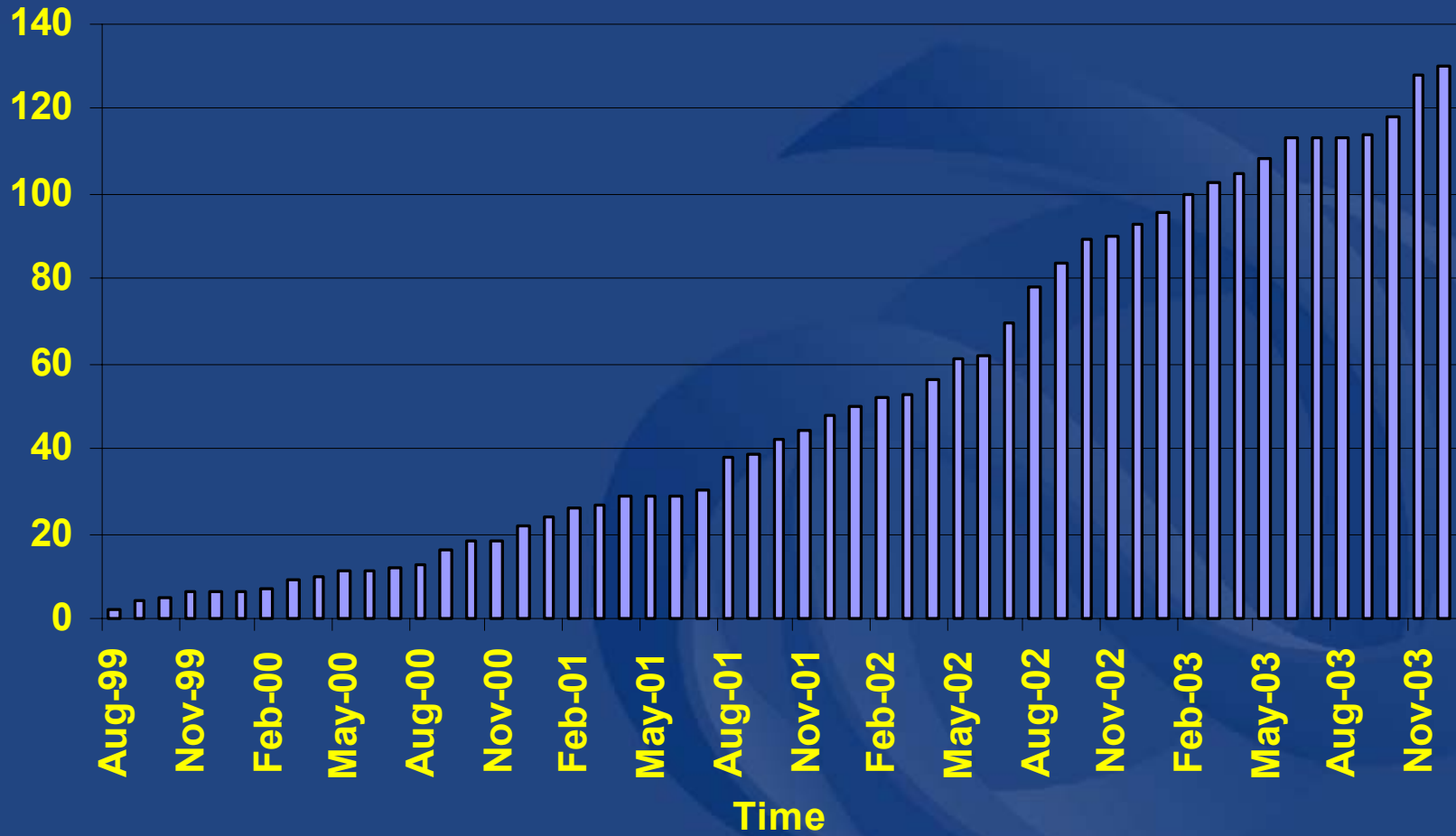
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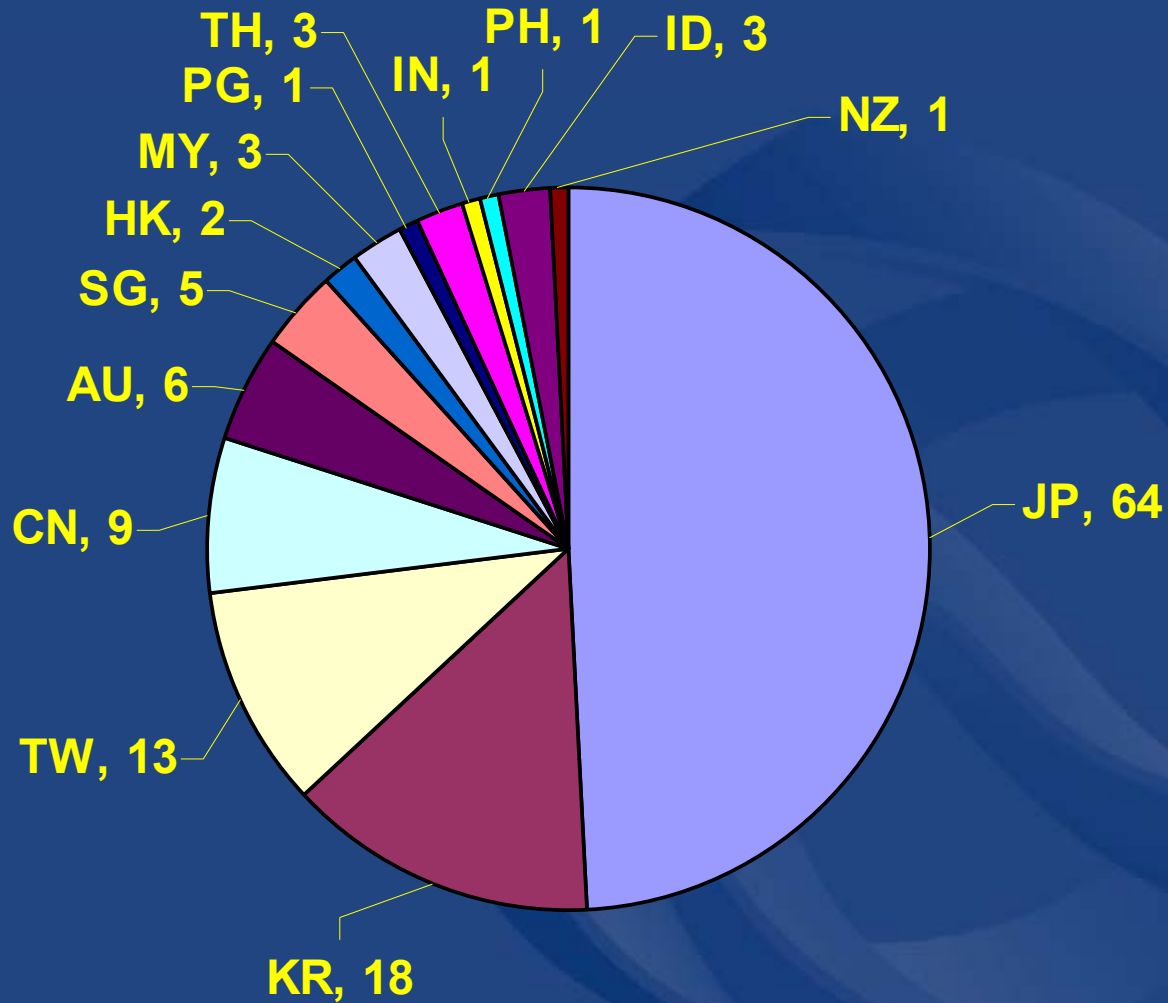
APNIC IPv6 Allocations – Cumulative



Allocations



Total APNIC IPv6 Allocations (/32 and /35) by Economy





APNIC IPv6 Allocations



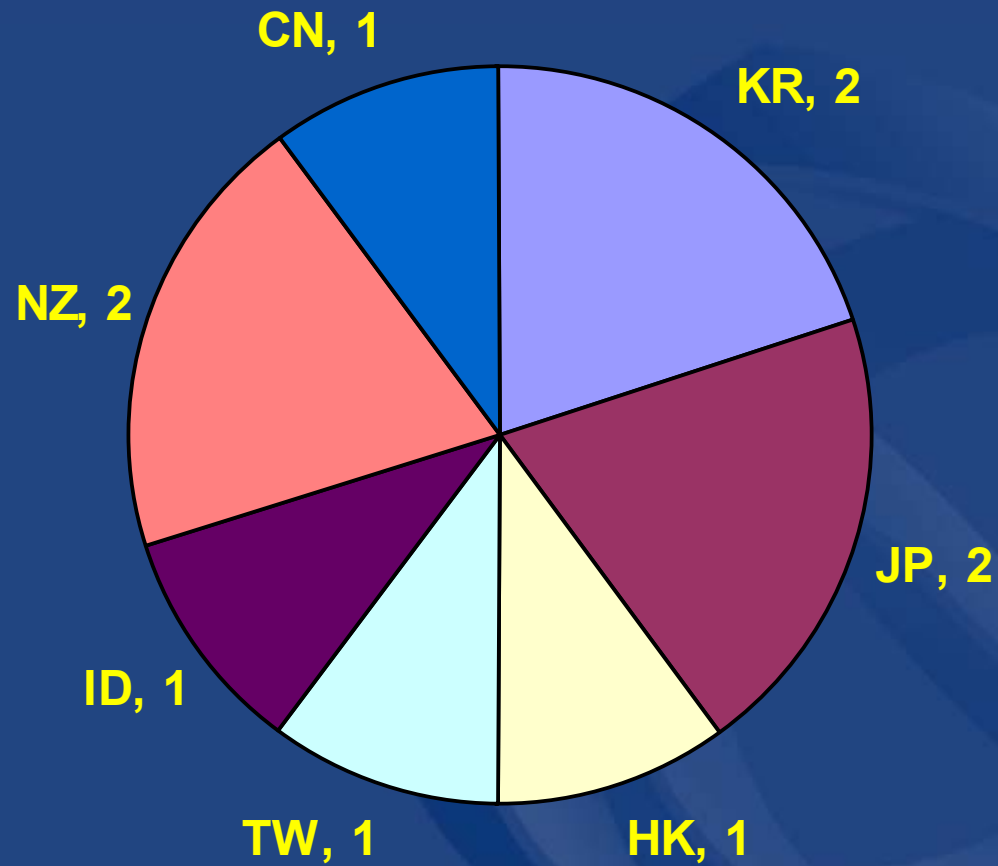
- Effect of new policy from July 2002.
 - 50 upgrades from /35 to /32
 - 12 organisations yet to upgrade
 - 67 * /32s allocated
 - 1 * /30 allocated
 - 5 new economies PG,IN,ID,PH and NZ.

APNIC IPv6 Assignments & Experimental Allocations

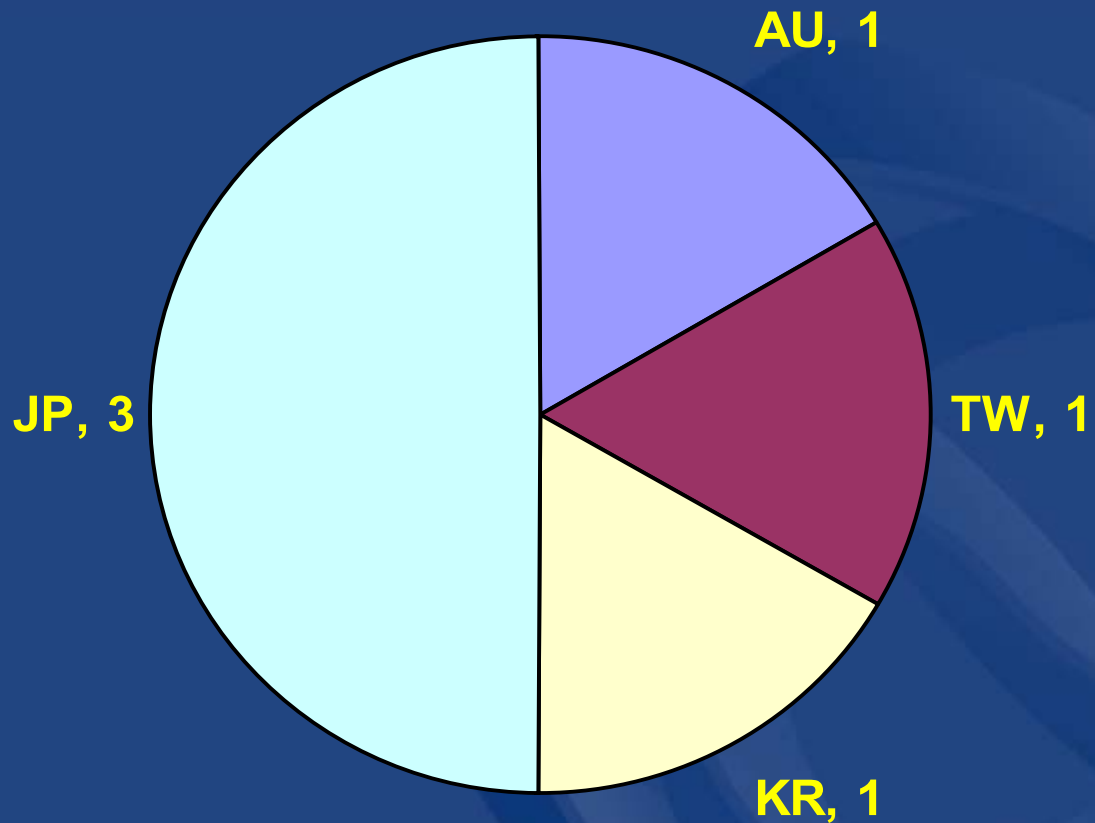


- IXP
 - 4 in 2003
 - 6 in 2002
- Critical infrastructure
 - 6
- Experimental networks
 - 0
 - There have been 2 experimental applications which qualified under the normal IPv6 allocation policy.

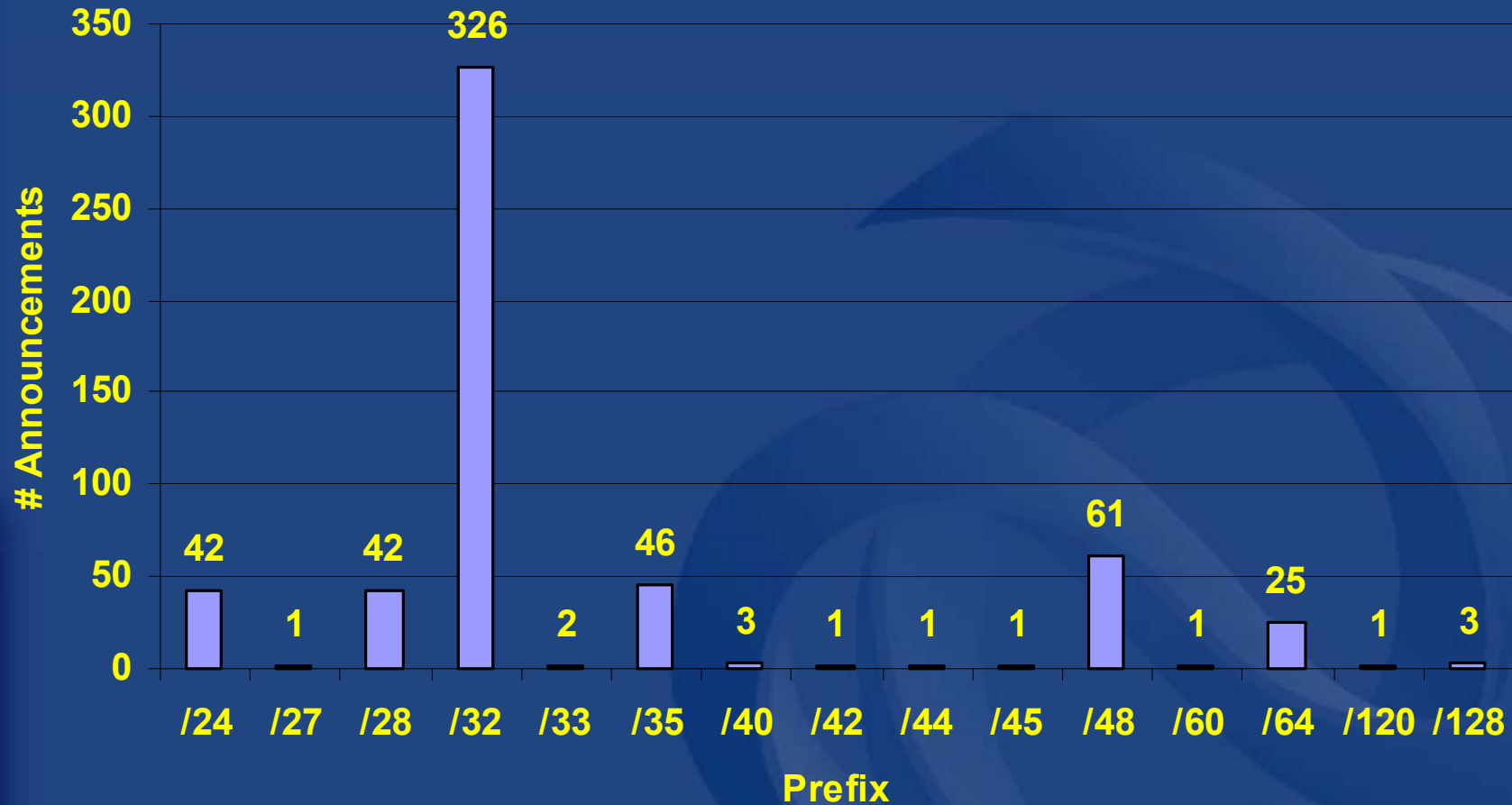
IXP Assignments by Economy (/48 and /64)



Critical Infrastructure Assignments (/32)



IPv6 Routing Table

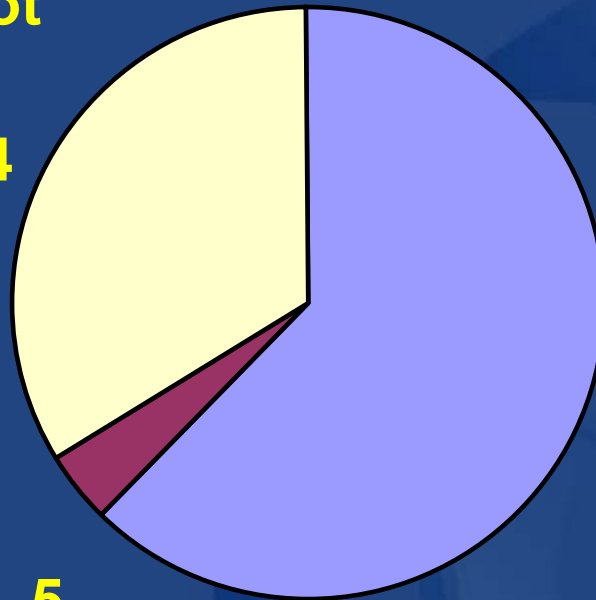


Data obtained from AS1221 Boundary router.

IPv6 Allocation Announcements

Allocations not
being
announced, 44

/35s
announced, 5

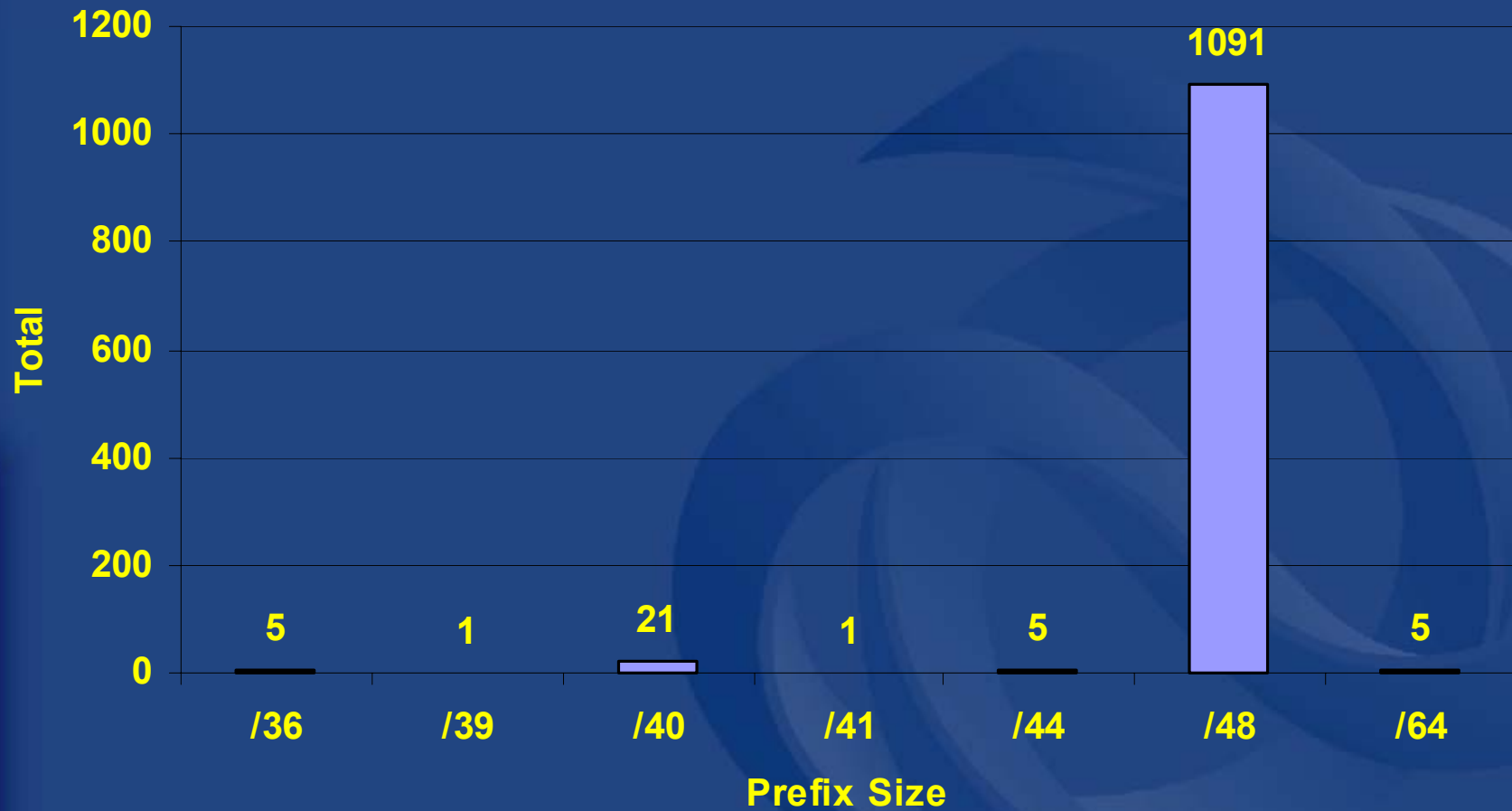


/32s
announced, 81

Data obtained from RIPE RIS Looking Glass.

APNIC Database Registrations

Assignments registered by members





Useful URLs

- <http://www.ripe.net/cgi-bin/ipv6allocs>
- <http://www.iana.org/assignments/ipv6-tla-assignments>
- <http://www.apnic.net/info/reports/index.html>
- <http://lacnic.net/en/est.html>
- <http://www.arin.net/statistics/index.html>





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Questions?

- Thanks for your time!

