



ARIN STATUS REPORT

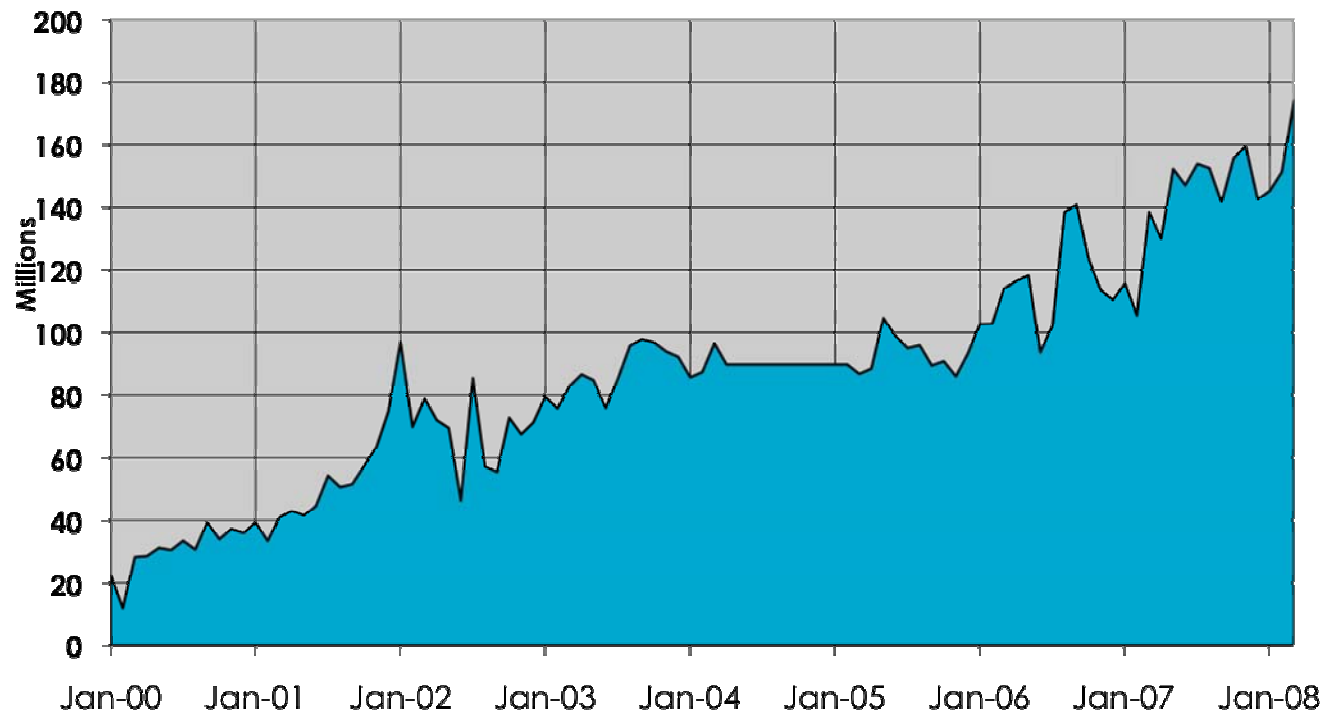
Mark Kosters

Chief Technical Officer

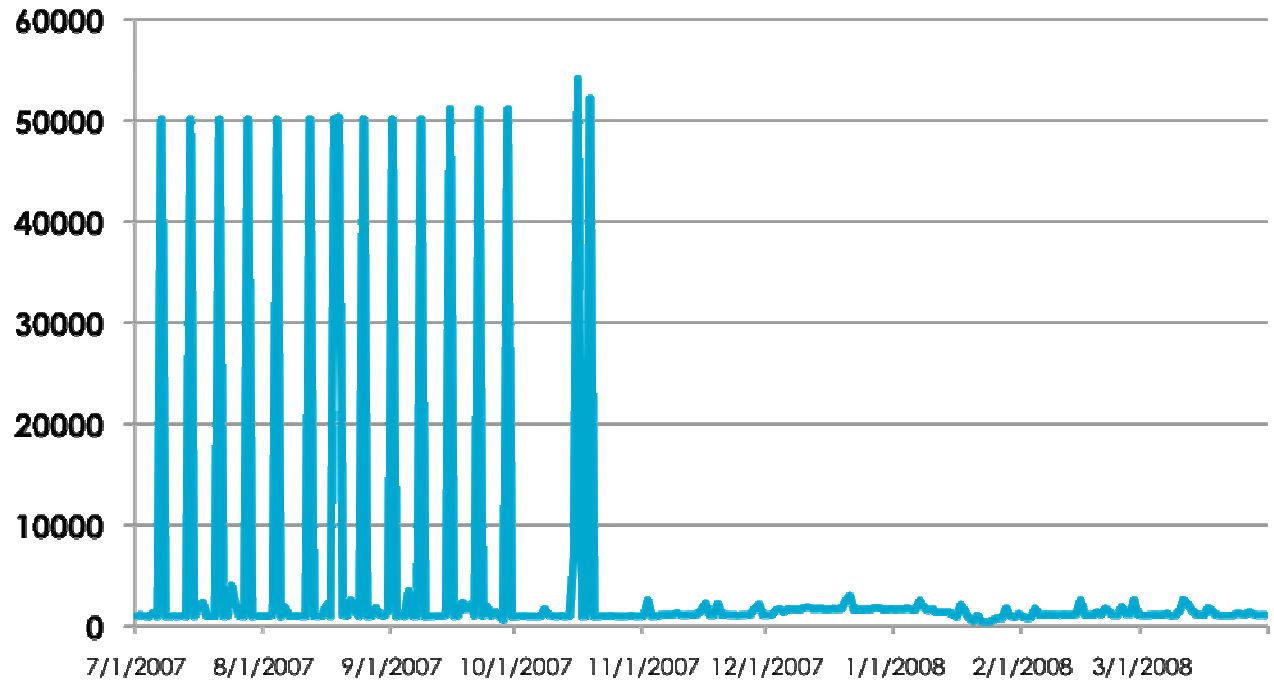
OVERVIEW

- Operational Statistics
 - Engineering
 - Registration
- Accomplishments
- What's Ahead

WHOIS Query Load



Routing Registry Query Load

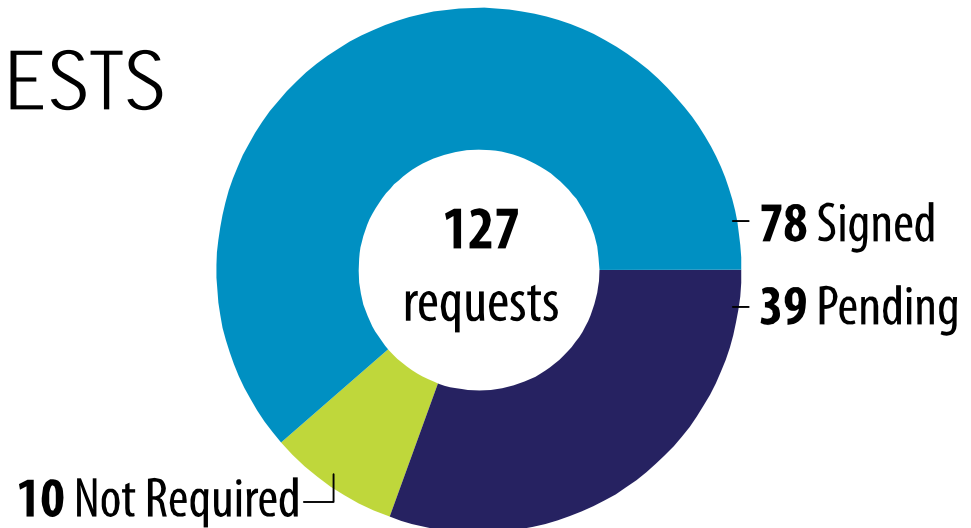


Origin/ Origin AS v. Route Views

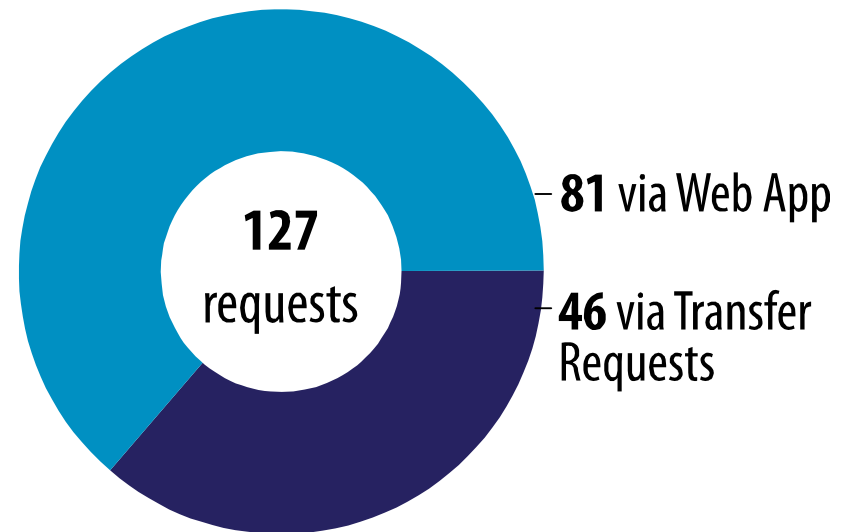
	IRR		WHOIS	
Routes checked	8,078		40,646	
Origin Found	5,277	65%	36,508	90%
Origin Incorrect	2,209	28%	3,861	9%
Route Not Found	592	7%	277	1%

LEGACY RSA STATS

REQUESTS



STATUS



4-byte ASNs*

126 requests

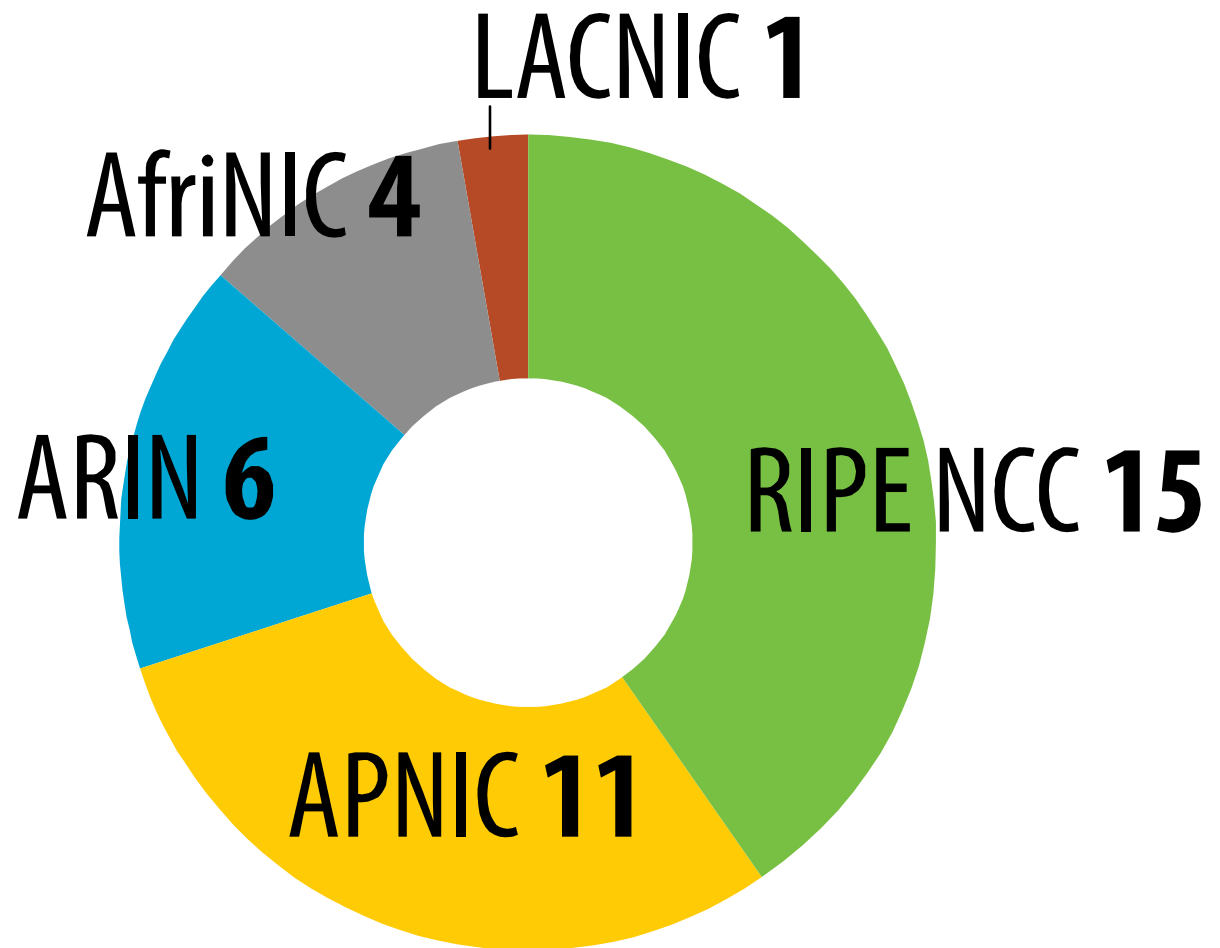
108 changed to 2-byte requests

18 issued

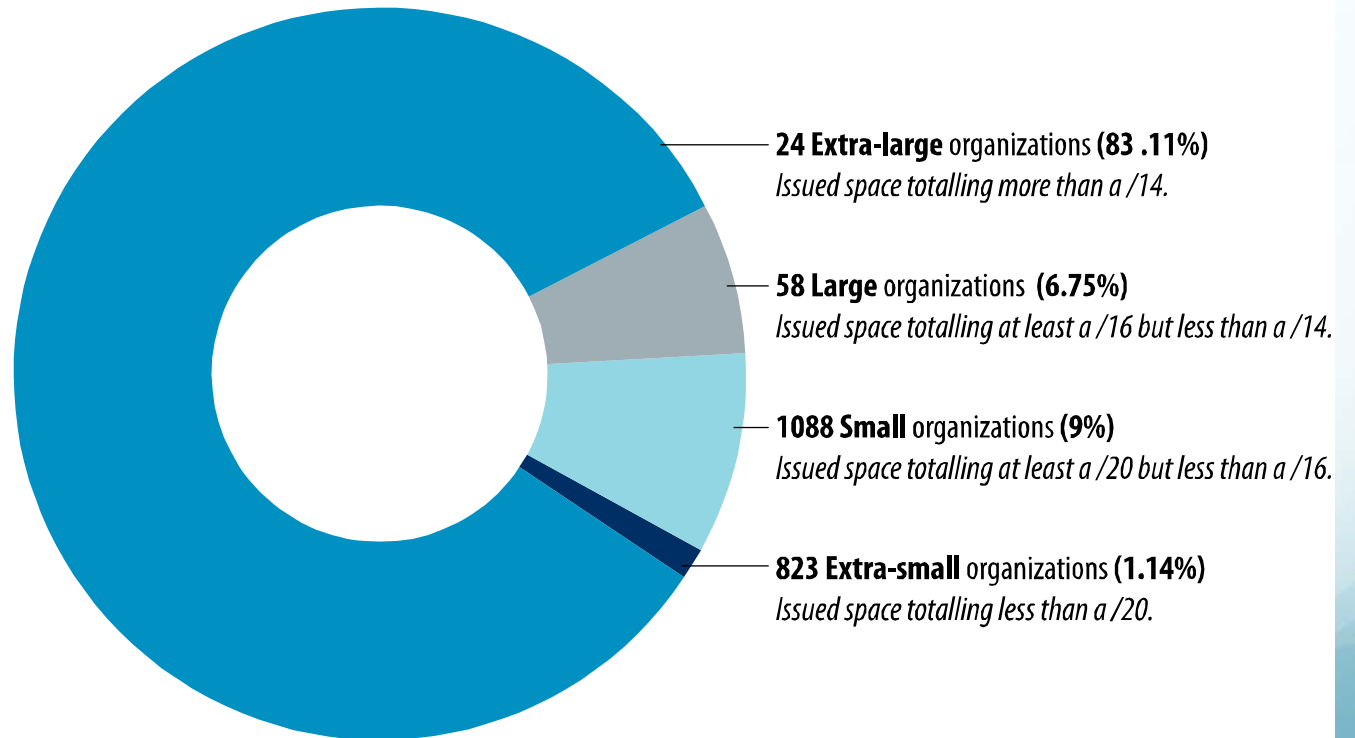
- **12** exchanged for a 2-byte ASN
- **6** currently registered

*policy implemented 1/1/07

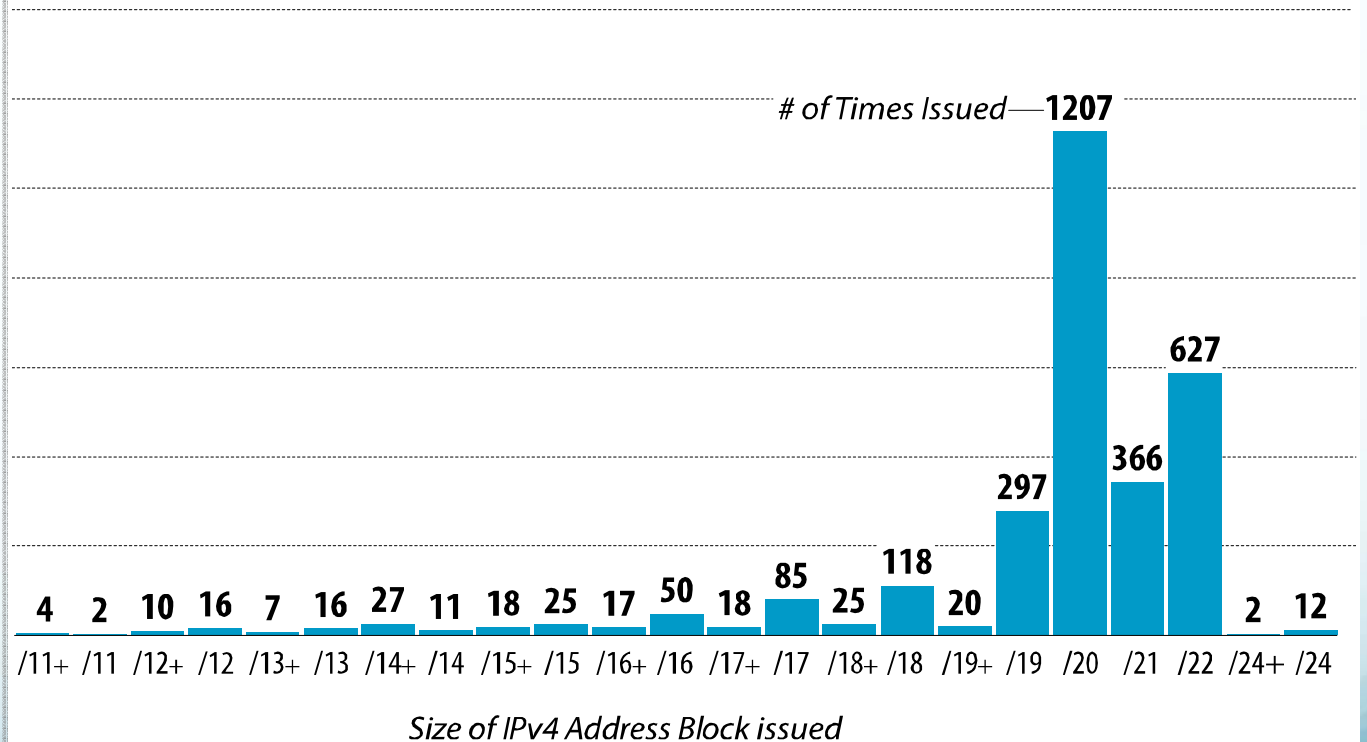
4-byte AS Numbers Issued by RIRs per FTP Stats

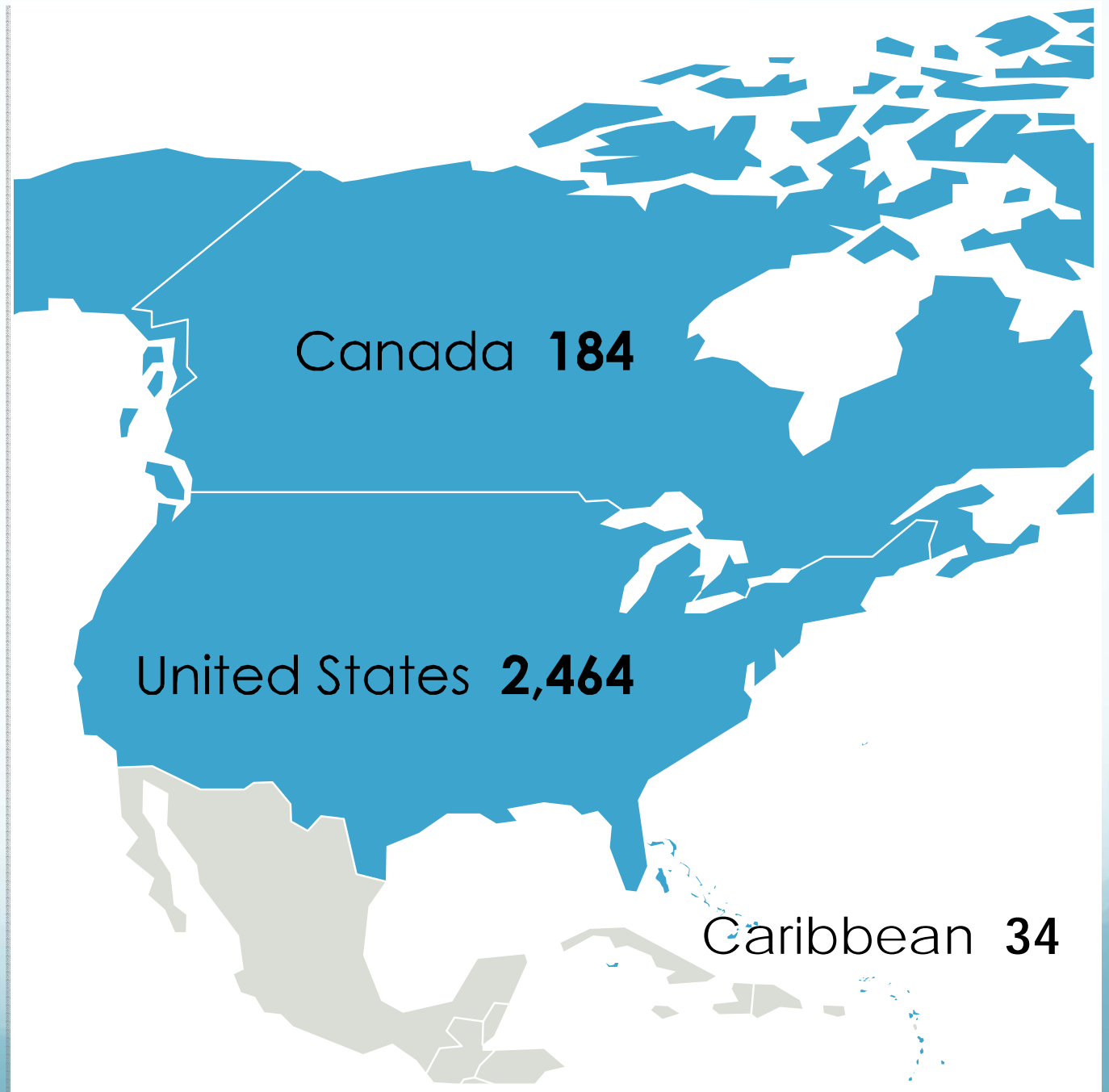


Profile of IPv4 Addresses Issued to Organizations: 2006 & 2007 New Registrations



2006 & 2007 Issuing Stats: Breakdown by CIDR Prefix



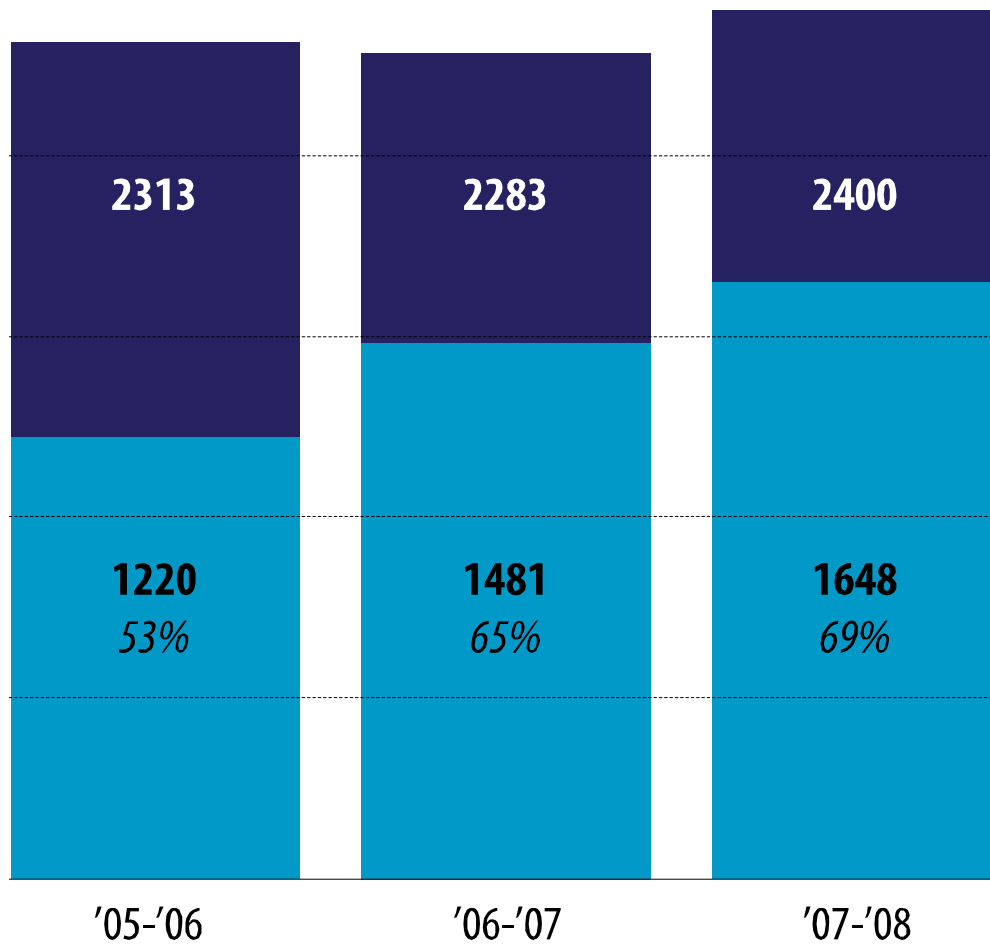




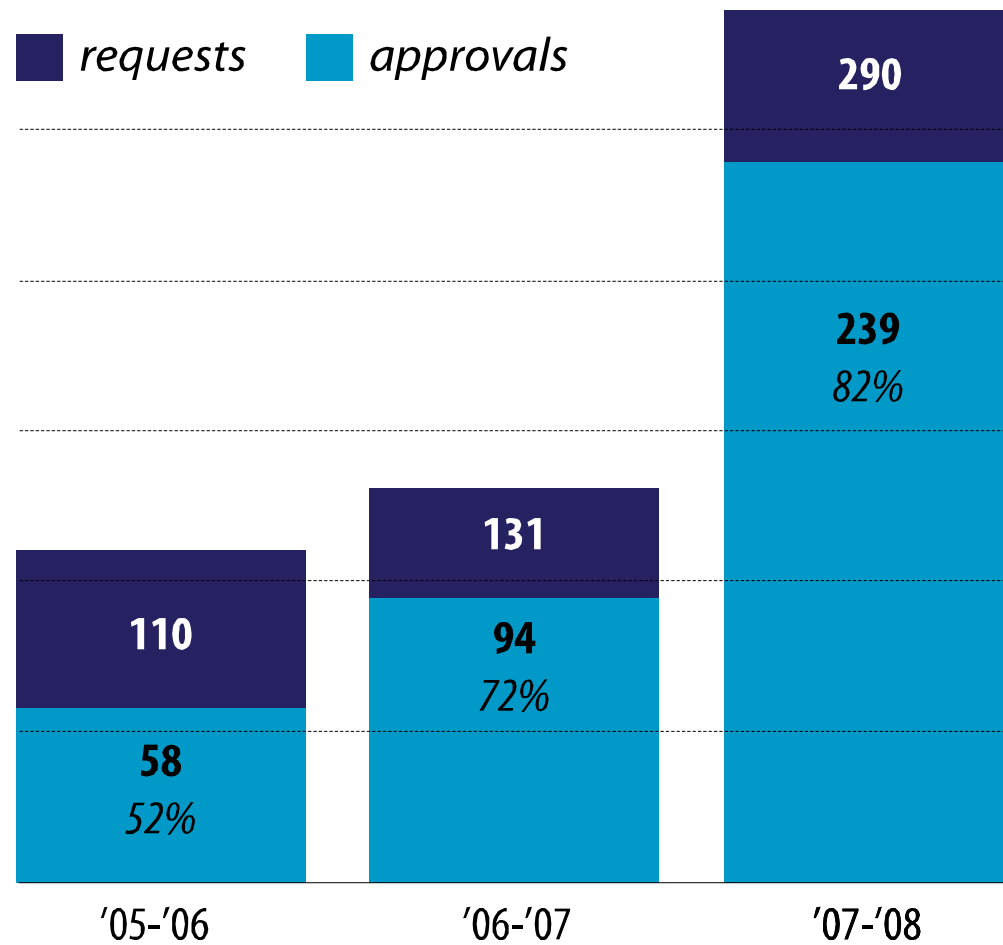
34 total

IPv4

■ requests ■ approvals



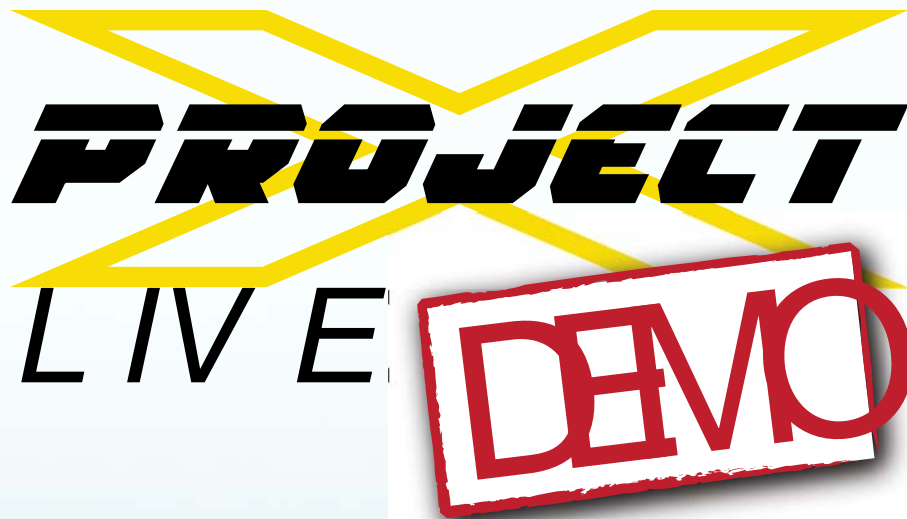
IPv6



ACCOMPLISHMENTS

- Moving away from Templates

PROJECT
LIVE **DEMO**



ACCOMPLISHMENTS

Resource Certification

- Placing trust data on network resources
- Can be used to boot strap secure route validation

Good sites

- Documentation
 - http://http://mirin.apnic.net/resourcecerts/wiki/index.php/Main_Page
- ISC (funded by ARIN) subversion reference at:
 - <http://subvert-rpki.hactrn.net/>

ACCOMPLISHMENTS

- Big Push for people to look at **IPv6**
- Did the **IPv6 experiment** thing
- Had nearly **100%** participation

WHAT'S AHEAD

Look to see **Project X** and
Resource Certification
coming soon

thank you