



Update from the RIPE NCC





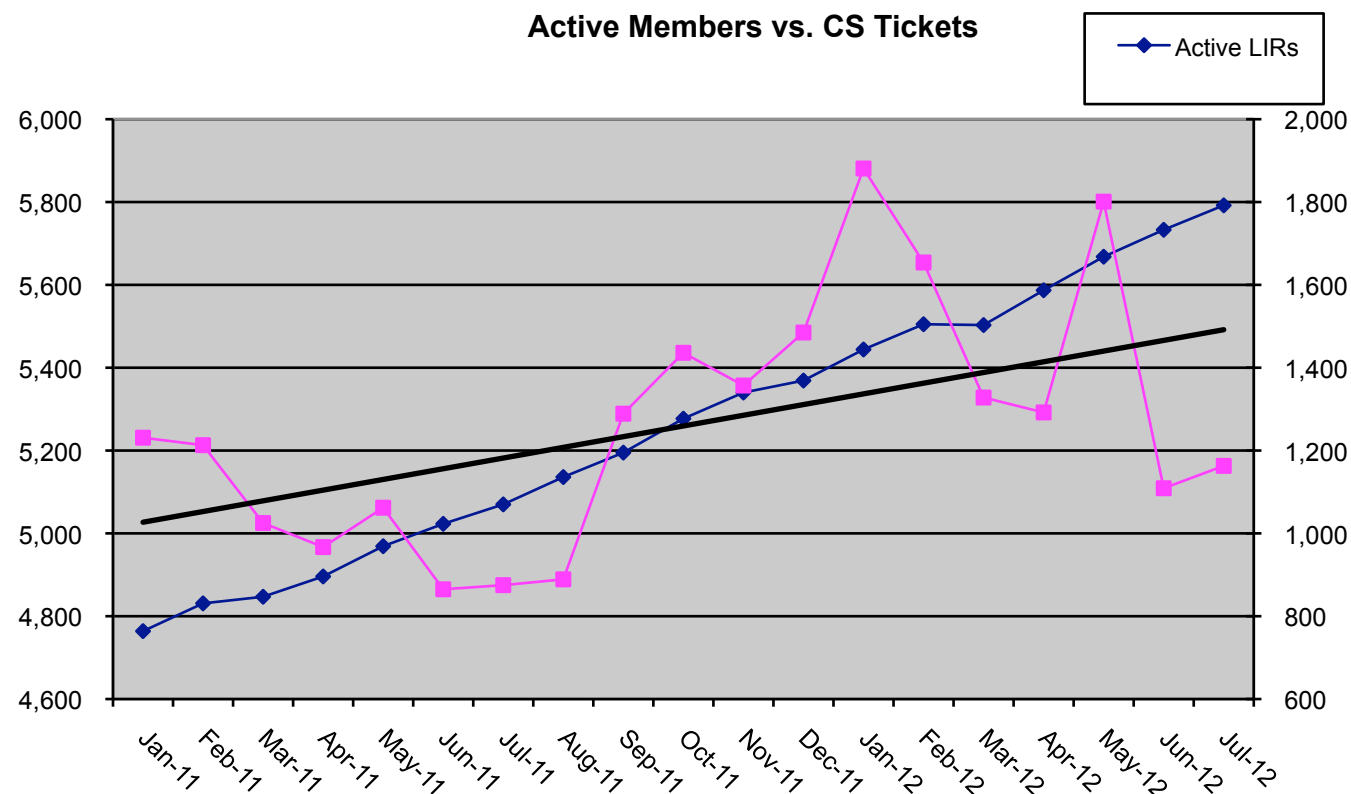
Customer Services

- Support activities
 - Member services
 - New LIR, Billing, administrative support to LIRs
 - Extending Coordination services
 - RIPE Database, DNS User Support
 - DNSMON administrative support
 - Legal requests and abuse complaints coordination
- More than 12.000 tickets handled in 2008, so far
- Stable response time (one working day)



Customer Services - Statistics

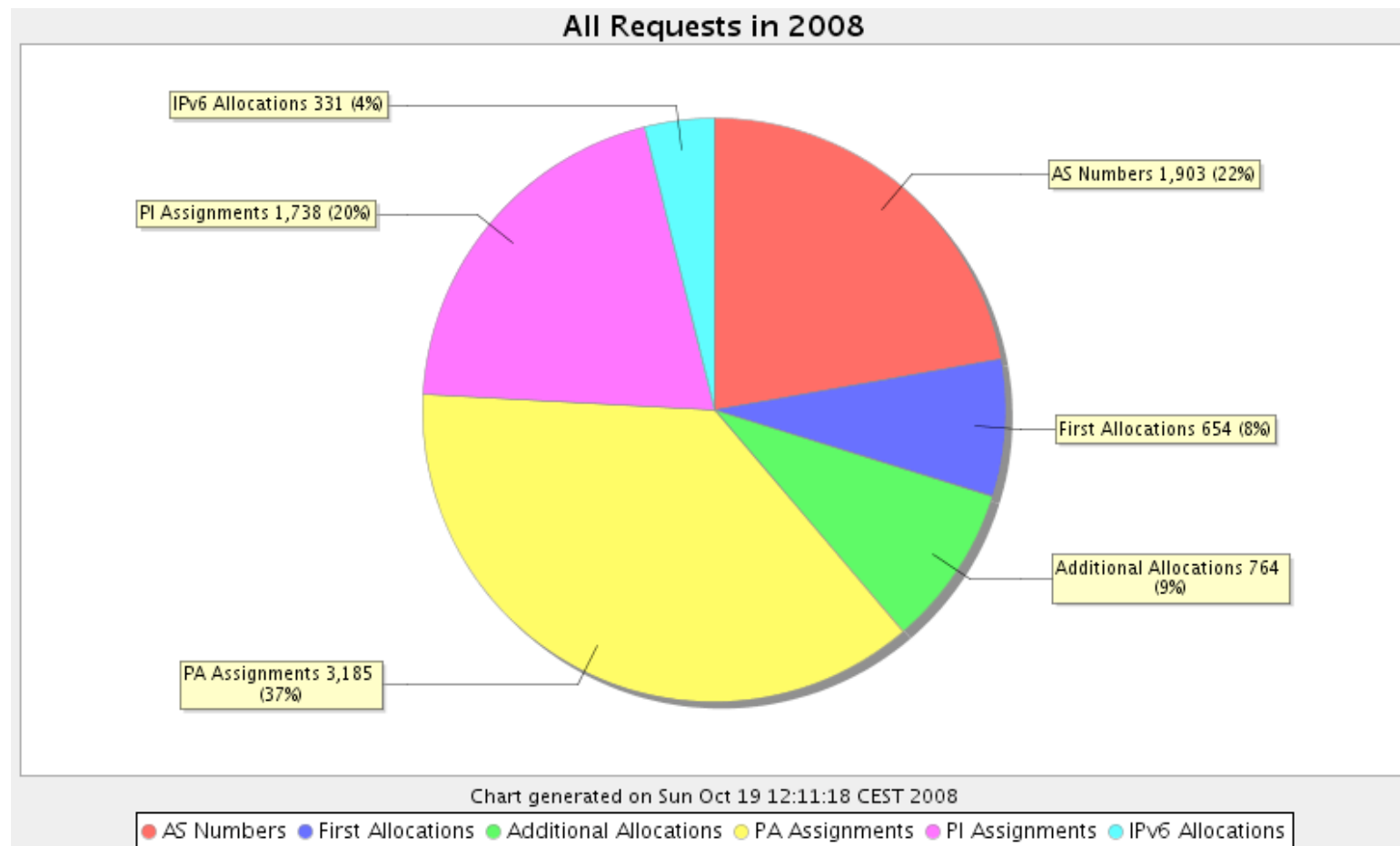
- Steady growth in membership vs. first line queries (added services in August '07)
- Seasonal influences





Registration Services - Statistics

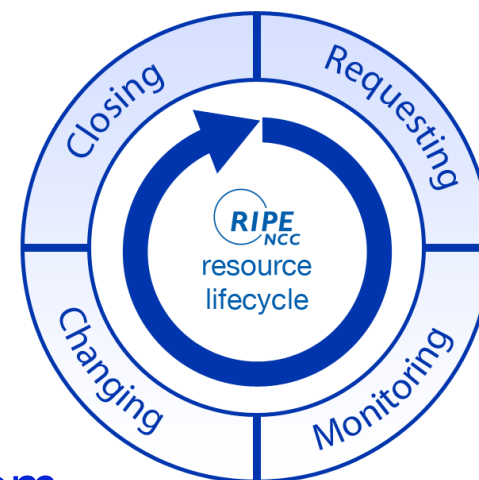
- Significant increase in v6 requests





Registration Services

- Focus on the complete life cycle of Internet number resources
- Running stably, with high ticket load
- Continued reclamation project
 - First phase: allocated but unused space from Local Internet Registries within the RIPE NCC region listed as “pending closure”
 - Number of IPs reclaimed so far = 2,746,368 IPs (/11, /13, /16, /17, /18, /19, /21)
- Preparing for implementation of
 - 2007-01 PI proposal
 - Certification





32-bit AS Numbers

Global policy on 32-bit ASN deployment schedule:

1 Jan 2008: 16-bit default, 32-bit on request

1 Jan 2009: 32-bit default, 16-bit on request

1 Jan 2010: Only 32-bit AS Numbers

Note: 16-bit AS Numbers will not be deprecated

This schedule applies to the assignment of new ASNs



Policy Development

- Dealing with 14 policy proposals
- 25 slides in policy update presentation...



Training in 2008

70 courses in 37 countries

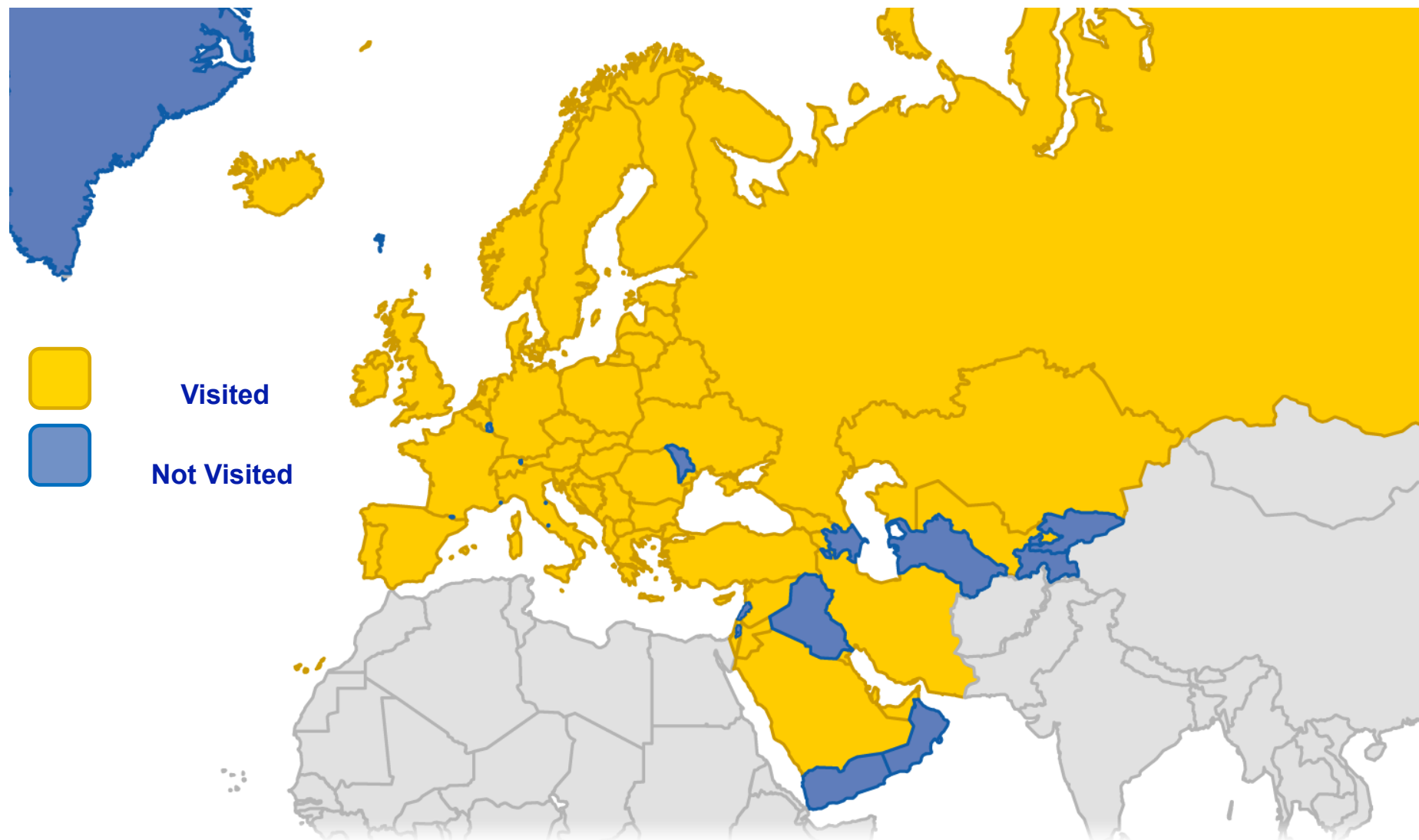
- 45 Local Internet Registry courses
- 16 Routing Registry courses
- 9 DNS for LIRs courses

Upcoming destinations:

Latvia, United Kingdom, Germany, Iran, Serbia,
Montenegro, Turkey, Netherlands



We've been around





A Frequent Question

“What are you doing in IPv6 Training?”

“What are **you** doing?”

- Obvious need / expectations for some activities in this area.
- What should RIPE NCC be doing?
 - IPv6 Resource Repository?
 - Regional training?



Business Applications

- Deployed final release of the New LIR application and supporting backend tools
- Deployed improved major Financial modules based on the newly developed Customer DB
- Certification
- Next year plans:
 - Certification
 - LIR Portal
 - Meeting Software
 - Improvements for RS

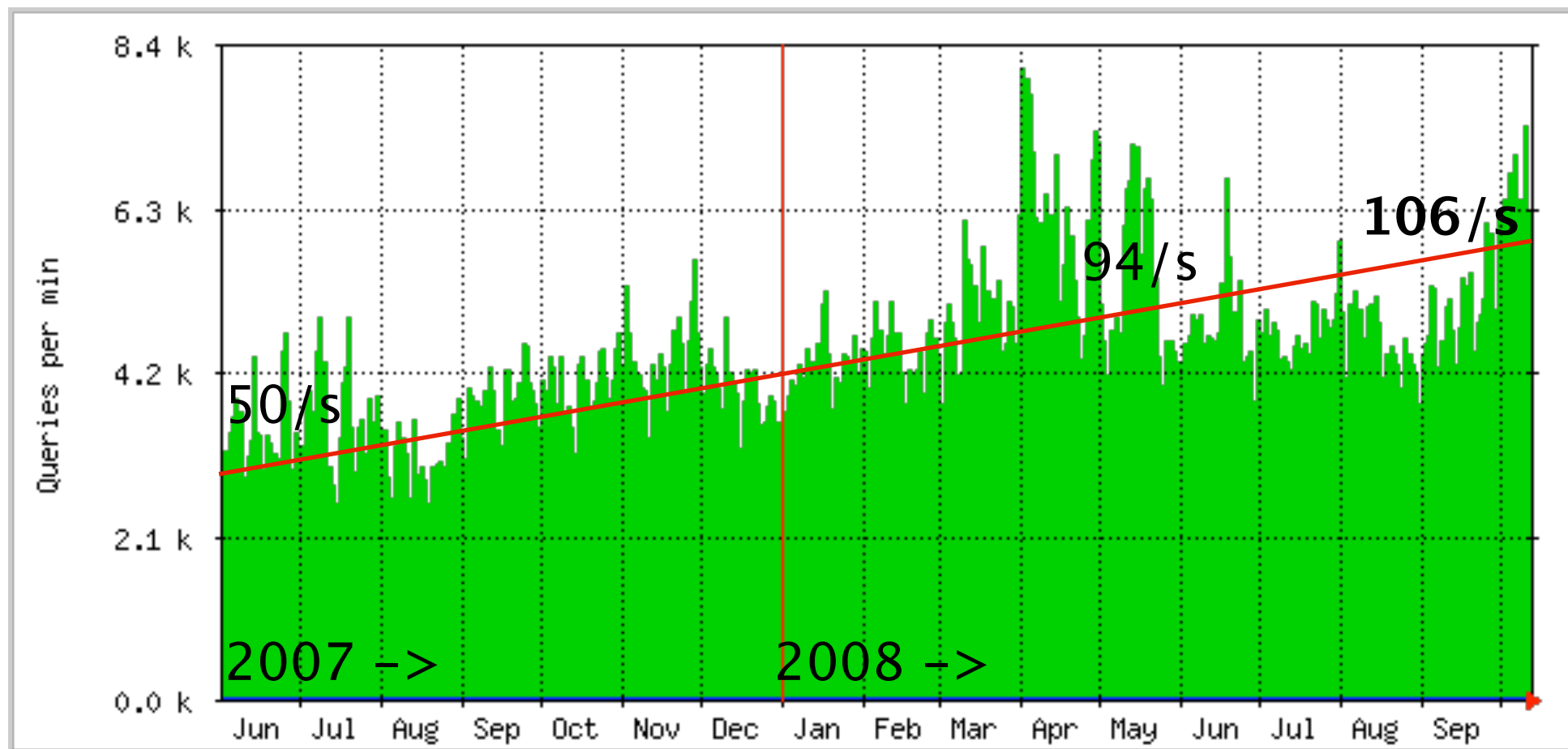


Database Actions & Achievements

- AP 54.3: MNT-BY on Domain objects released 10th of October
- Coming in November/December:
 - AP 54.3 MNT-BY on Person/Role objects
 - AP 54.6 Clean up unreferenced objects from RIPE DB
 - AP 54.7 'rev-srv:' attribute deprecation
 - New whois.ripe.net cluster
- 99,999% availability for all major services:
 - Whois queries
 - Sync- and Mail-updates



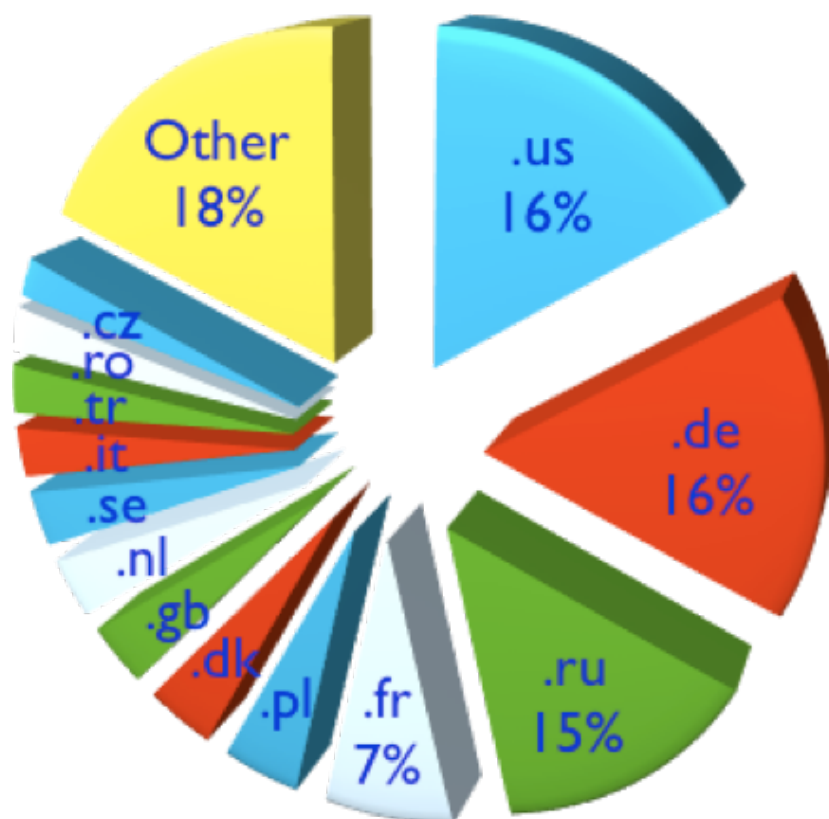
Statistics: Whois Queries



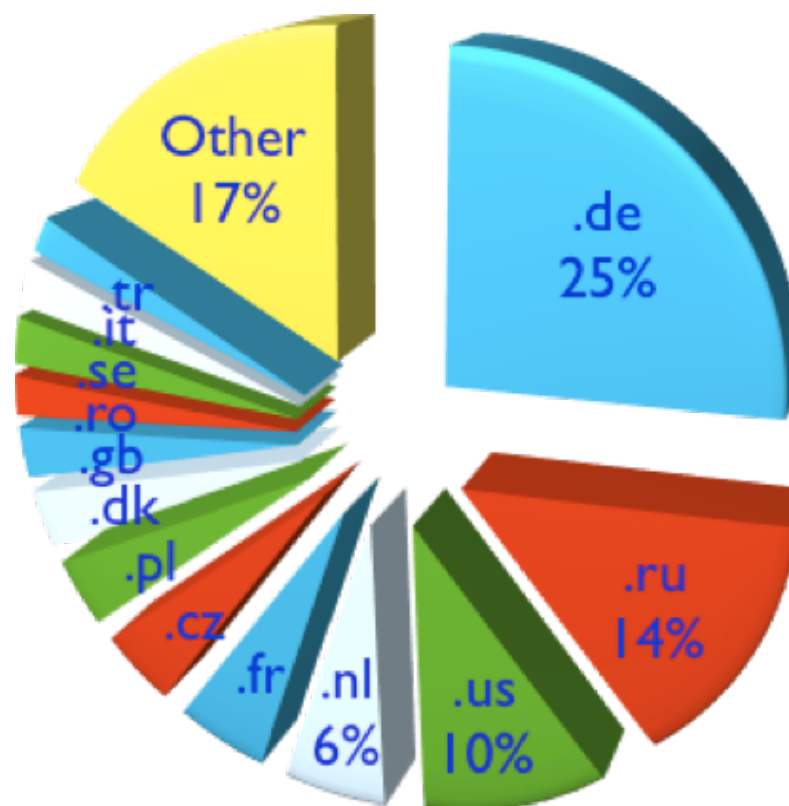
www.ripe.net/projects/dbconstat for more



Whois usage by country



May 2008

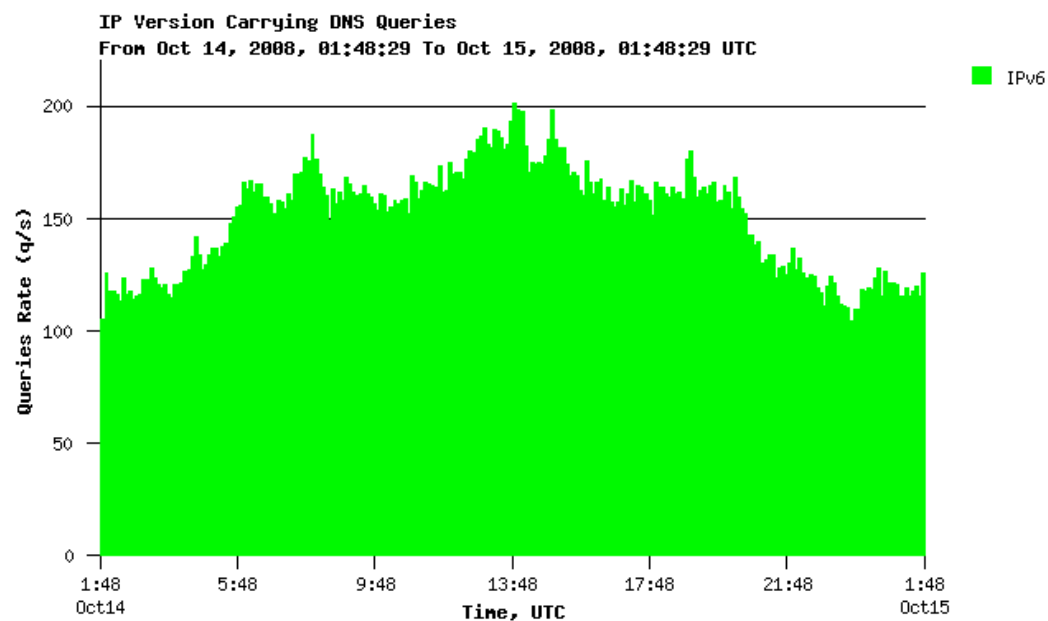


September 2008



K-root

- Operations are stable with 17 instances
- Currently peaks of 20,000 q/s
- 7 instances provide service over IPv6





Secondary Service for ccTLDs

- Overview
 - RIPE NCC provides this service for several ccTLDs on a best-effort basis, free of charge
 - Potential competition with RIPE NCC members
- Future plans
 - We are phasing out this service for large and developed ccTLDs
 - **LT, RO, IE, HK and SK being phased out in this iteration**
 - **We will continue with this process for as long as we feel it is necessary**



ENUM

- ENUM operations are stable
- No new delegations since RIPE 56
- DNSSEC available for e164.arpa since March 2008
- DNSMON now available for delegations in e164.arpa



Information Services

- Brand new alarms framework
 - RIS: MyASN totally replaced
 - DNSMON: Alarms now possible
- New 'single sign on'
 - One logon for all RIPE NCC Information Services
- TTM
 - More new functionality added to adhoc tests
 - New probe in Brisbane, partnership with APNIC
- Hostcount dual running phase ended
 - New website <http://www.ripe.net/is/hostcount>



Membership & Regional Outreach

- RIPE NCC Regional Meetings 2008
 - Salmiya, Kuwait, 15-17 April
 - Moscow, Russia, 23-24 September
- Membership Survey
 - Started 2 weeks ago
 - 275 responses within first week
 - <http://www.ripe.net/membership/survey/>



PR / Outreach

- Hired PR agency
 - Racepoint / London
- Campaigns on IPv6 uptake and ASN32
 - Releases and sustained briefings
- Support for events
 - OECD, Seoul
 - ITU Telecom Africa, Cairo, with AfriNIC
 - ITU Telecom Asia, Bangkok, with APNIC
- Developing Branding for Information Services



Governments & “Enhanced Cooperation”

- RIPE Cooperation Working Group
 - Resulting from Enhanced Cooperation Task Force
 - Co-chaired by Maria Häll / Martin Boyle
- External Relations
 - Activities targeted towards and with governments
 - Continued Cooperation with the OECD
 - ITAC proposal November, to be discussed in WP ICCP
(Working Party on Information, Computer and Communication Policy ☺)
- RIPE NCC Roundtable for Governments and Regulators
 - 29 September, Amsterdam
- Internet Governance Forum (IGF)
 - Preparations for the next IGF to be held in December 2008



Preparing for the Future

- Strategy Workshops with Executive Board
 - Preparing scenarios
 - For the development of the RIPE NCC
 - For preparedness of possible and likely changes in environment
 - To ensure stable development during interesting times
- Identified three main areas of attention
 - Role of the RIPE NCC: Community Building, Outreach, PR
 - Trusted Source of Data: Hardening Registry, Reporting Tools
 - Number Resource Lifecycle Management: Allocation, Auditing, Reclamation, Certification



Resource Certification

- Goal: Enhanced, more robust registry function
- Association between Internet number resources and the holders of these resources
- Designing an easy to use web-application
 - Supported by Certification Task Force
- Beta demonstration at RIPE57 in Dubai.
- Please join the testing group!



The RIPE NCC Certification Portal

Resource Certification – List Resource Certificates

https://certtest.ripe.net/certification/resourcecertificates/ListResourceCertificatesPi

RIPE NCC
RESOURCE CERTIFICATION

You are connected as **certtest@ripe.net.** (Logout)

» List Resource Certificates

Welcome page

CN=nl.bluelight

My Certificate Authority

My Keys

My Resource Certificates

My ROAs

ROA Repository

Incoming Resource Certificates

Status	Serial	Resources	Not valid before	Not valid after	
OK	116644	85.118.184.0/21	2008-9-17 14:30	2009-9-17 14:30	View » Download »
OK	87862	85.118.184.0/21	2008-9-4 10:13	2009-9-4 10:13	View » Download »
OK	83865	85.118.184.0/21	2008-7-30 11:45	2009-7-30 11:45	View » Download »
OK	83264	85.118.184.0/21	2008-7-30 11:17	2009-7-30 11:17	View » Download »
OK	79924	85.118.184.0/21	2008-7-28 9:45	2009-7-28 9:45	View » Download »
OK	19312	85.118.184.0/21	2008-6-26 13:46	2009-6-26 13:46	View » Download »

Outgoing Resource Certificates

Status	Serial	Resources	Not valid before	Not valid after	
OK	15978	85.118.184.0/21	2008-9-17 14:30	2009-9-17 14:30	View » Download »
OK	7072	85.118.184.0/21	2008-9-4 10:13	2009-9-4 10:13	View » Download »

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Done

certtest.ripe.net



From the last (General) Meeting

- PI Space Holder Agreement with RIPE NCC
- Charging Scheme including PI Holdings
- RIPE NCC Supporter Contract
- Change of Articles of Association



Questions?

