

# Report from the RIPE NCC



# Overview

- Registration Services
- Training
- Engineering
- New Projects
- Coordination
- Communications
- Membership Relations
- External Relations

# Registration Services

- Documentation update
  - Improving clarity of English for supporting notes on all request forms
- Request handling
  - Request numbers: steady
  - Service level: stable
- Organisation
  - Staff functions updated to reflect responsibilities and skills
  - Requests handled by IP Resource Analysts

# Training

- Training material totally revised
  - New LIR course
  - Updated RR and DNSSEC
- Developing e-learning packs
  - “Using the Whois Database”
  - “RIPE NCC and the RIR system”
- Outreach activities
  - Reaching out to other audiences
  - Piggy-backing onto third party events
  - training@ripe.net
- RIR Coordination

# Training in 2005

- 62 courses planned for 2005
  - 40 LIR, 13 RR, 9 DNSSEC
  - Capacity for 1440 participants
- Upcoming Q2 (May – June)
  - LIR: Amsterdam, London, Prague, Munich, Poznan, Sochi
  - RR: London, Paris
  - DNSSEC: Brussels
- Q3 (July – September)
  - LIR: Vladivostok, Amsterdam, Copenhagen, London, Stockholm, Berlin, Dubrovnik, Budapest, Madrid, Moscow
  - RR: Vladivostok, London, Sofia, Vilnius
  - DNSSEC: London, Moscow
- Q4 (October – December)
  - Paris, Yerevan, Kiev, Rome, Dubai, Lisbon, Athens, Nuremberg, Tirana

# Back-Office Focus 2005

- Resource management system
  - “Evolution” since 1992
  - Needs serious streamlining
    - i.e. throw out, replace, integrate
- Integration of “ticketing islands”
  - Replacement of current system(s) (!)
- Pre-historic PABX to be replaced
  - Keep up with technology and jump ahead...
- In short:  
Our engineers are really busy *internally* this year...

# Engineering internals

- DNSMON / TTM transition to Ops group
- Improved centralised backup
- DNS infrastructure evolution
  - Improving zone distribution and checks
  - Functional split across servers for all zones
  - Migration of zones onto appropriate nameservers
  - In preparation for DNSSEC deployment.
- Hosting of computing facilities for NRO / ASO secretariat
  - Efficient secretariat transition

# k rootserver

- 14 mirror instances deployed.
  - 3 more being installed
- 2 globally visible, 9 locally visible
- Since RIPE49:
  - RIX Reykjavik, BIX Budapest, FICIX Helsinki, CIXP Geneva, PCSS Poznan, JPNAP and DIX-IE Tokyo, EMIX Abu Dhabi.
- Initial goal (deploying several “local” instances) is achieved.
- Research improvement of service
- After analysis possibly another phase of deployment



# Whois Database

- Whois Database Changes
  - Whois server migrated from single Solaris machine to Linux cluster.
  - Average query response time back down to less than 0.1 second
  - Updates much faster, on dedicated server
- New or changed functionality
  - RPSLng (IPv6 and multicast support for routing registry)
  - Abuse changes (improved ability to report and find abuse contacts)
  - POEM object (new, general LIMERICK object)
- Public CVS with source code now available

# RIS

- RIS (Routing Information System)
  - RIS query CGI's rewritten; now support IPv6
- Beacon prefixes modified
  - request from RIPE 49

# New Developments

- DNSMON now regular service for TLD administrators
  - Costs of operating the service are being paid by the TLD administrators as requested by membership
  - Service agreement ripe-342, subscribers 7+3+2
  - Testbox hosts receive DNSMON as part of the TTM package
- Hostcount++ revision proposal
- DNSsec: design team working on deployment in in-addr-tree
- Anycast research ongoing
- AS-MIA paper presented, ongoing effort
- TTM
  - Improved timestamping, OWAMP implementation (ongoing work)



# Coordination / ERX Project

- Transfer Early Registrations from ARIN to registrant's local RIR
  - AS Numbers, former 'Class B' space, former 'Class C' space
- Aug 2002 - Mar 2005
- Achievements
  - Developed distributed DNS management system
  - Introduced web response system
- Problems
  - E-mail notifications for 192/8
  - Solved and closed
- AfriNIC
  - About 80 records to be transferred to AfriNIC this summer

# Coordination / NRO

- Number Resource Organisation
  - “Coalition” of the five RIRs
- AfriNIC full member as of last week
- Coordination Groups
  - Communications CG
  - Engineering CG
- Work in progress
  - Incorporation (Uruguay)
  - IANA service contract

# Communications

- Addressing Internet Management issues
  - Collaborative document development (NRO, ISOC)
  - Regional and Roundtable meetings
  - Representation at various industry meetings
- 2004 Annual Report
- Member Update newsletters
  - February special edition on Internet Management issues.
- Preparation of RIPE Meetings
  - RIPE 51 in Amsterdam, 10 - 14 October 2005
  - RIPE 52 in Istanbul, date to be confirmed (likely the last week of April 2006)
- Membership Categorisation Survey (“Who are you?”)
- New LIR survey (“Why do you become a member?”)
- Continued support to the NRO and AfriNIC

# Membership Relations

- Membership Survey 2005
  - Final phase of preparation
  - Launch in May
  - Results to be published July/August
  - Two sections
    - Quality of present services
    - Priority of resource allocation to new services
- Regional Meetings
  - Kazan, Russia, 17 June 2005
    - Half day meeting
    - Focus follow-up from Moscow Regional Meeting
  - Balkans, September 2005
  - Middle East, early November 2005



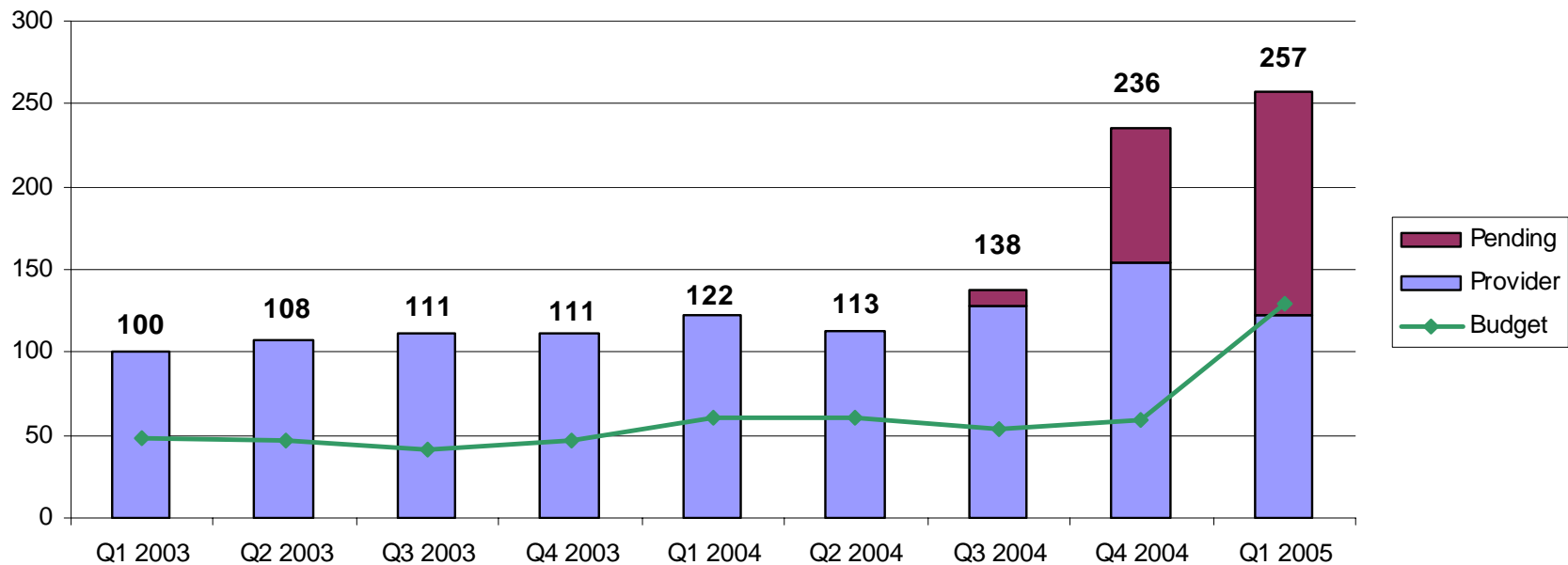
# Signing of new Standard Service Agreements

- Updated address information
  - Around 25% contact information updates
- Currently around 600 contracts pending
- Many outstanding issues, incorrect company names, incorrect authorisations, no company registration papers etc.
  - If you haven't signed yet, expect our call...
- Questions contact: [lir-contract@ripe.net](mailto:lir-contract@ripe.net)



# New LIR update

- Strong growth of New LIRs in Q1 2005





# External Relations / Roundtable

- First Roundtable for Governments and Regulators
  - 30 March in Amsterdam
  - 29 people / 17 different countries
  - Good mix of newcomers and veterans
- Next round of roundtables planned
  - ICANN Meetings
    - Luxembourg, Luxembourg, 11 - 15 July
    - Vancouver, Canada, 30 November - 4 December
  - In cooperation with other RIRs

# External Relation / EC

- First meeting with Rudolf Strohmeier  
(Head of Cabinet for the European Commissioner for Information Society and Media)
  - 16 March
  - Coordinating representation from RIPE, CENTR, IETF/IAB and EuroISPA.
- Next meeting with Viviane Reding  
(European Commissioner for Information Society and Media)
  - 6 June
  - Coordinating representation from RIPE, ISOC, IETF/IAB, ICANN, EURid, CENTR, LINX and EuroISPA

# “Internet Management”

- Response to Zhao proposal
  - Thank you for your support!
- NRO comments to WGIG on draft working paper on IP Numbers (and precursors)
  - <http://www.wgig.org>
  - <http://www.nro.net>
- Upcoming representation at...
  - Second Pan-Arab Regional Conference for the WSIS in Cairo, Egypt, 8 - 10 May
  - Third meeting of the Preparatory Committee (PrepCom-3) in Geneva, Switzerland, 19 - 30 September
  - Second phase of the WSIS, to be held in Tunisia in November 2005
- Continued roundtable meetings

<http://www.ripe.net/info/internet-management>

# Summary

- Service focus: Improved to max on current systems
- Engineering focus: Internal
- Communications and Coordination focus:  
Internet Management

# Questions

