

Update from the RIPE NCC



RIPE 58



RIPE 58, Amsterdam, 4-8 May 2009

- Record number of attendees -422
- 20 Years of RIPE

RIPE 59, Lisbon, Portugal, 5-9 October 2009

For 2010, preparing Prague and Rome 😊



General Meeting May

- Financial report 2008 approved
- Dmitry Burkov re-elected for another 3-year term
- Discussions:
 - Charging scheme 2010: 2007-01 (Direct Assignments to End Users) and its implications on the charging scheme
 - Voting Options: improving accessibility, simplifying the procedure, but no significant changes (like e-voting)



Ongoing Preparations for the Future

- Following Strategy Workshops with Executive Board
- Working on 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
- Developing and adjusting priorities accordingly
 - Deriving operational priorities from strategic outlook



What is keeping us busy...

- Certification
- Support for Policy Development
- Developing Information Services
- Outreach and PR



Certification in the RIPE Region

- Developing with Input from Community
 - RIPE Certification Task Force
- Have announced limited testrun at RIPE 57
 - Several dozen participants
- Next steps
 - Potential issues were presented at RIPE 58
 - Consensus to continue work
- Coordinating with other RIRs
 - Interoperability
 - Processes
 - Policies



Policy Development

- 2007-01 “Direct Internet Resource Assignments to End Users from the RIPE NCC”
 - Contracts with LIRs needed
 - Last resort with RIPE NCC directly
 - Implementation Phase 2 starts in May 2009
 - 2006-01 “Provider Independent (PI) IPv6 Assignments for End User Organisations”
 - Implemented May 2009
 - 2007-08 “Enabling Methods for Reallocation of IPv4 Resources” (a.k.a. Transfer proposal)
 - Implemented January 2009
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Some more Policy Development Ongoing

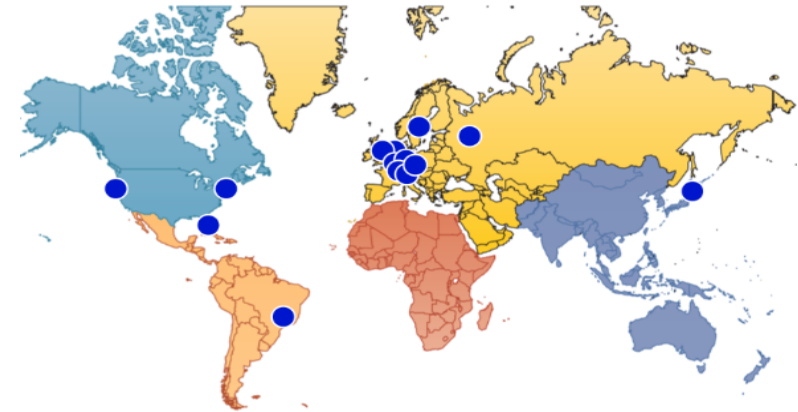
- 2008-05 “Anycasting Assignments for TLDs and Tier 0/1 ENUM”
- 2009-02 “Allocation/Assigning Resources to the RIPE NCC”
- 2008-08 “Initial Certification Policy for Provider Aggregatable Address Space Holders”
- 2009-05 “Multiple IPv6 /32 Allocations for LIRs”



Even More Policy Development: IPv4 Depletion Ongoing

- 2009-03 “Run Out Fairly”
- 2008-06 “Use of final /8”
- 2009-04 “IPv4 Allocation and Assignments to facilitate IPv6 Deployment”
- 2008-07 “Ensuring Efficient Use of Historical IPv4 Resources”
- 2009-01 “Global Policy for the Allocation of IPv4 Blocks to Regional Internet Registries”

Information services



- RIPE NCC Information services
 - <http://is-portal.ripe.net>
- Routing Information Service (RIS)
 - <http://www.ripe.net/ris>
- Test Traffic Measurements (TTM)
 - <http://www.ripe.net/ttm>
- DNSMON
 - <http://dnsmon.ripe.net/>
- Incident analysis
 - <http://www.ripe.net/projects/reports/2008cable-cut>
 - <http://www.ripe.net/news/study-youtube-hijacking.html>





Information Services

- Significant overhaul of the IS portal focusing on
 - Needs of different user groups
 - Integrated tools and applications
 - Intuitive and attractive user interface
- Interviews with representatives of user groups during RIPE58
- Increased cooperation with other RIRs
 - APNIC: extending active measurements in the AP
 - LACNIC and AfriNIC new measurement nodes in Montevideo and Johannesburg.



DNS Activities

- Reviewing DNS infrastructure
 - Hardware
 - Processes
 - DNSSEC provisioning system
- Replacing complete hardware of several K-root instances
- Cooperation with AfriNIC
 - AfriNIC's Anycast Project
 - New K-root instances in Africa
 - A “lite” version of the cluster



Membership & Regional Outreach

- Exceeded 6.064 members by the end of 2008
 - Noticing lower conversion rate (application -> member)
- RIPE NCC Regional Meetings 2008
 - Salmiya, Kuwait, 15-17 April
 - Moscow, Russia, 23-24 September
- Middle East Operators Group (MENOG)
 - MENOG 4 / RIPE 57 Meeting in Dubai
 - MENOG 5 / RIPE NCC Regional Meeting, Bahrain, 6-9 April
- Membership Survey
 - Results at: <http://www.ripe.net/news/2008-survey.html>



PR / Outreach

- Working with PR agency
 - Racepoint / London
 - Close cooperation with AfriNIC
- Campaigns on IPv6 uptake and ASN32
 - Press releases and sustained briefings
- Support for events
 - OECD, Seoul
 - ITU Telecom Africa, Cairo, with AfriNIC
 - ITU Telecom Asia, Bangkok, with APNIC



Governments & “Enhanced Cooperation”

- RIPE Cooperation Working Group
 - Resulting from Enhanced Cooperation Task Force
 - Focus on cooperation between private and public sector
- External Relations
 - Activities targeted towards and with governments
 - Continued Cooperation with the OECD
- RIPE NCC Roundtable for Governments and Regulators
 - 29 September 2008, Amsterdam
 - 16 February 2009, Amsterdam
- Workshop with Law Enforcement Agents
 - 17 February 2009, Amsterdam
 - Demand for better understanding and closer cooperation

Questions?





Oh, and one more thing...

- Challenge from APNIC:
 - “We are challenging the staff of the NCC to try to beat the APNIC staff in the Global Corporate Challenge!”
 - “APNIC would understand if you’d have to decline taking this up, competing against super fit Queenslanders would be daunting! At least the weather would be on your side, you’ll soon have a European summer! “
- RIPE NCC mustered 5 teams so far...
- 125 days, 10.000 steps / day
- So, the RIPE NCC staff is challenging AfriNIC staff!
- See www.gettheworldmoving.com