

# News from the Singel...



Photo with permission: Ben van Meerendonk /AHF, Collection IISG, Amsterdam, <http://www.iisg.nl/collections/ahf/>



# Disaster Preparedness - Deploying BCP

- Emergency Plan
- Developed into Full Business Continuation Plan
  - Self-developed
  - Sanity checked by Consultants
  - Scenario Workshop last week
- Member Benefit
  - Hopefully theoretical... :-)
- Next Step: Cooperation among RIRs



# Exciting Changes at the RIPE NCC

- Have re-organised late 2006 / early 2007
- New key staff
  - Andrew de la Haye, COO
  - Gregg Stephenson, Customer Services
  - Flor Paredes, Registration Services
  - Mark Dranse, Information Services
  - Ischa Ropert, External Relations Officer
  - Trudy Prins, Business Applications
- Internal focus has shifted outwards again
  - Certification
  - RIPE Database
  - TTM, RIS, Hostcount++
  - CMS





# Vision & Strategy

- Management Team Retreats
  - Lining up vision for the coming years
  - Deriving strategies
  - Ensuring day-to-day operations are aligned
- Executive Board (+ Management) Retreats
  - Confirming Vision & Strategy
  - Focus IPv4 exhaustion
    - Encourage Community Statement
- Ongoing Process...
  - RIPE Network Coordination Centre
    - TTM, RIS, Hostcount++, ENUM, k rootserver, ...
  - Preparation for Resource Trading is essential



# Strategic Positions

- IPv4 Exhaustion & IPv6 Deployment
  - Will happen & should have happened already
  - Operators should have deployed IPv6 services years ago
  
- Transfer of address blocks
  - Unavoidable
  - Better be prepared
  - Essential to retain excellent allocation records
  - Strategic importance for RIRs to facilitate transfers
    - Based on community developed policies!



# Membership & Regional Outreach

- Surpassed 5.000 members
  - Strongest growth in Russia
- RIPE NCC Regional Meeting
  - Moscow, Russia, 2/3 October 2007
  - Doha, Qatar, 19/20 November 2007
- Membership Survey
  - Preparing for early 2008
- MENOG 1
  - 3-5 April 2007, Bahrain
  - Organisationally supported by RIPE NCC
  - 83 attendees from 15 countries
  - MENOG 2 adjacent to RIPE NCC Regional Meeting, Qatar



# Governments & “Enhanced Cooperation”

- Roundtable for Governments & Regulators
  - February meeting success
  - Another Roundtable 17 September
    - Focus on PDP in the light of IPv4 Exhaustion
  - Taskforce on “Enhanced Cooperation”
- External Relations Group staffed
  - Developing Roundtable Format
  - PR activities targeted towards governments
  - Coordinating Contacts
- IGF Rio
  - Smartly prepare for “Fifth Topic” discussions within NRO



# Customer Services

- Taken administrative and first line tasks for:
  - Member Services (New LIR, Billing, LIR Help / LIR Portal)
  - Coordination Services
    - RIPE Database, DNS User Support
    - IS Administrative support (to be completed 2008)
- Processes are documented / consolidated
- Response times continue to improve
- New: new-LIR application wizard, support documentation and management interface
- Creation of “Database How To” documentation
  - to be published on the website





# RIPE NCC Reclamation Project

- Registration Services is currently reclaiming, allocated **but unused** space from Local Internet Registries within the RIPE NCC region
- First phase: Contact 341 LIRs listed as “pending closure” of membership for various reasons
- 134 LIR’s have been contacted already following a documented flowchart process including time lines for LIR’s to respond
- Until October 2007, RS reclaimed 798,720 IPs (/13, /14, /19, /20) from 41 LIR’s
- Allocations from 90 LIR’s put on hold or frozen awaiting response
- 3 LIR’s have responded confirming that the allocated space is in use



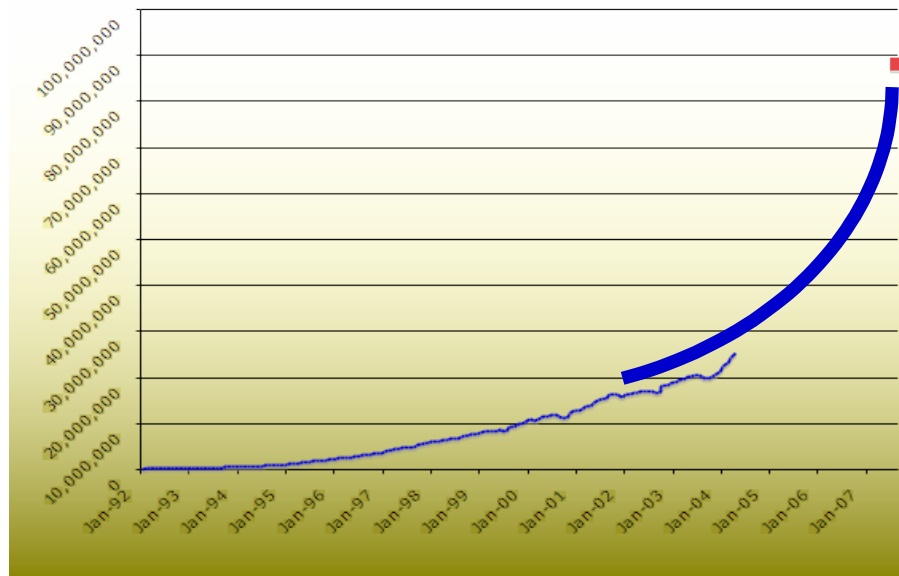
# Info Services

- Test Traffic Measurements (TTM)
  - Service Enhancements, ongoing discussion with TT Task Force
  - Status update will be presented at TT-WG at RIPE
  - Improved presentation - plots on demand, and Google maps  
<http://www.ttm.ripe.net/locations/new/>
- Hostcount++
  - DIY kit for ccTLD operators is being tested
  - Deployed in NCC, dual running with legacy HC for 12 months
  - Preliminary results - <http://www.ripe.net/hostcount>
- DNSMON
  - Now with IPv6 support
  - Asynchronous plot generation
  - New private server for subscribers



# Hostcount++

- NCC region internet hosts, monthly since 1992
- Replaced in 2007, dual running since June
  - IPv6, in-addr, and BGP visibility data
- DIY kit for ccTLDs

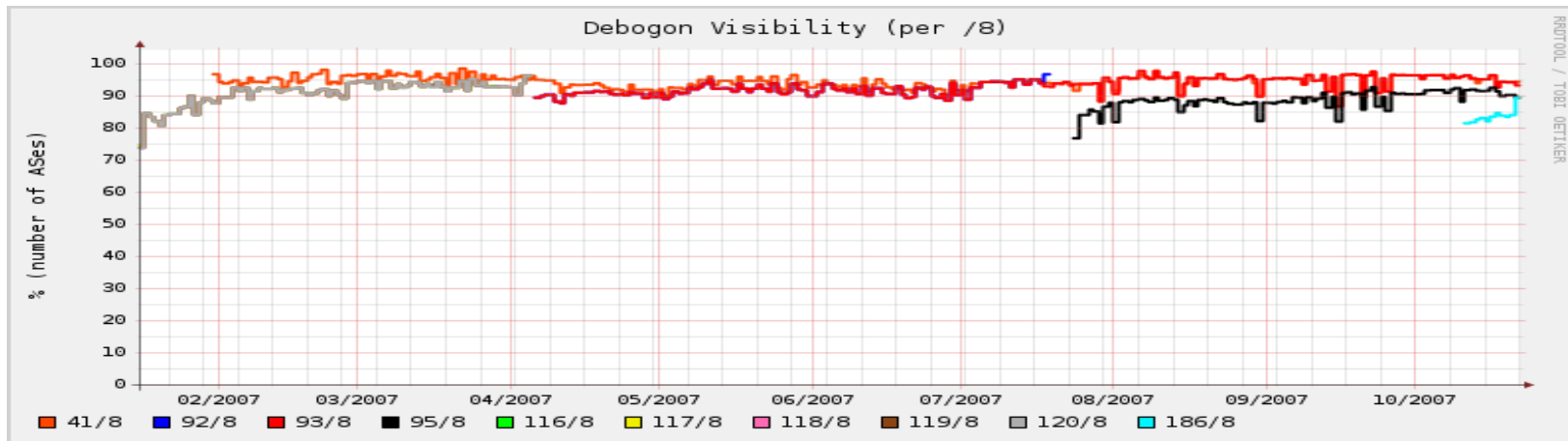


<http://hostcount.ripe.net>



# Debogonising

- NCC receives 94/8, 95/8 from IANA - July 2007
- Conducted visibility experiment - see more in routing-wg
- LACNIC receives 186/8, 187/8 October 2007
  - Also debogonising these ranges



<http://www.ris.ripe.net/debogon/>



# Database

- Improving server infrastructure for increased resilience
- Native IPv6 support
- Implemented IRT (Incident Response Team) improvements
  - “-c” and “-C” flag
- Preparing to implement proposed improvements
  - Some related to data protection issues
- Strengthening software development process.



# DNS

- K-root: Operations are stable
  - No further anycast deployment planned at this time
- Prepared for the deployment of AAAA resource records (IPv6)
  - In the root server system (root zone, hints and root-servers.net zone).
- Announced deployment of DNSSEC in e164.arpa zone (ENUM)
  - Start signing the zone in two months
  - Support secure delegations in 6 months
  - Done in close coordination with IAB
- Phased out the DNS secondary service for five big ccTLDs (NL, IT, AT, DE and AU).
  - In consultation with the operators of these zones
  - Thanks for understanding and cooperation!
- Starting: periodic lameness checks for reverse delegations



# Training Services - Activities

- LIR course
  - How to get the resources you need
- Routing Registry course
  - How to use the RIPE database as a routing tool
- DNS for LIRs
  - DNSSEC and RIPE NCC DNS services
- Outreach activities
  - Reaching out to other audiences
  - Presenting at conferences and IX meetings
  - RIR coordination



# RIPE NCC E-Learning Centre

- Learn at your own pace in your own space
- Available now
  - Using the Whois Database
  - The RIPE Policy Development Process
  - Using PGP Keys & X509 Certificates in mntner Objects
- Available soon
  - Abuse/anti spam (any moment now!)
  - IPV6 for LIRs (Q4 2007)
  - DNS for LIRs (Q1 2008)



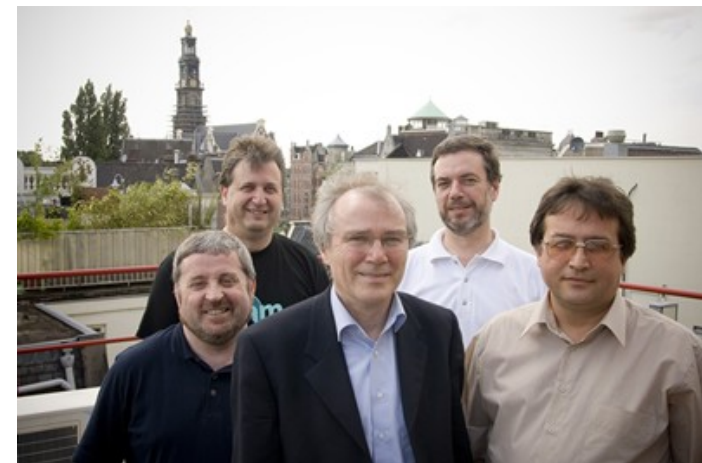
<https://e-learning.ripe.net/>





# Planning for 2008

- RIPE NCC General Meeting
  - Today, 1745, St Johns II
- Planning for 2008
- Activities / Budget
  - Discussed and later to be approved by Executive Board
  - Budget Increase 9% to EUR 12.7 M
    - Due to External Relations, Certification, RIPE Meetings
- Charging Scheme
  - To be discussed and approved by membership
  - Projected membership growth 12% (2007), 10 % (2008)
  - Fees remaining stable
- <http://www.ripe.net/ripe/draft-documents/gm-october2007/>



# Questions & Answers

