



RIPE NCC Status

RIPE NCC Staff

presented by:

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Managing Director



Outline

- **RIPE NCC Organisational Overview**
- RIPE NCC Membership Developments
- Activities 2002/3003
 - Membership Services
 - Coordination Services
 - New Projects
- RIPE NCC Next Steps & Priorities

Who Is Who

An Organisational Update



Executive Board



Chief Scientist

Managing Director



CFO



CTO



Head Member Services



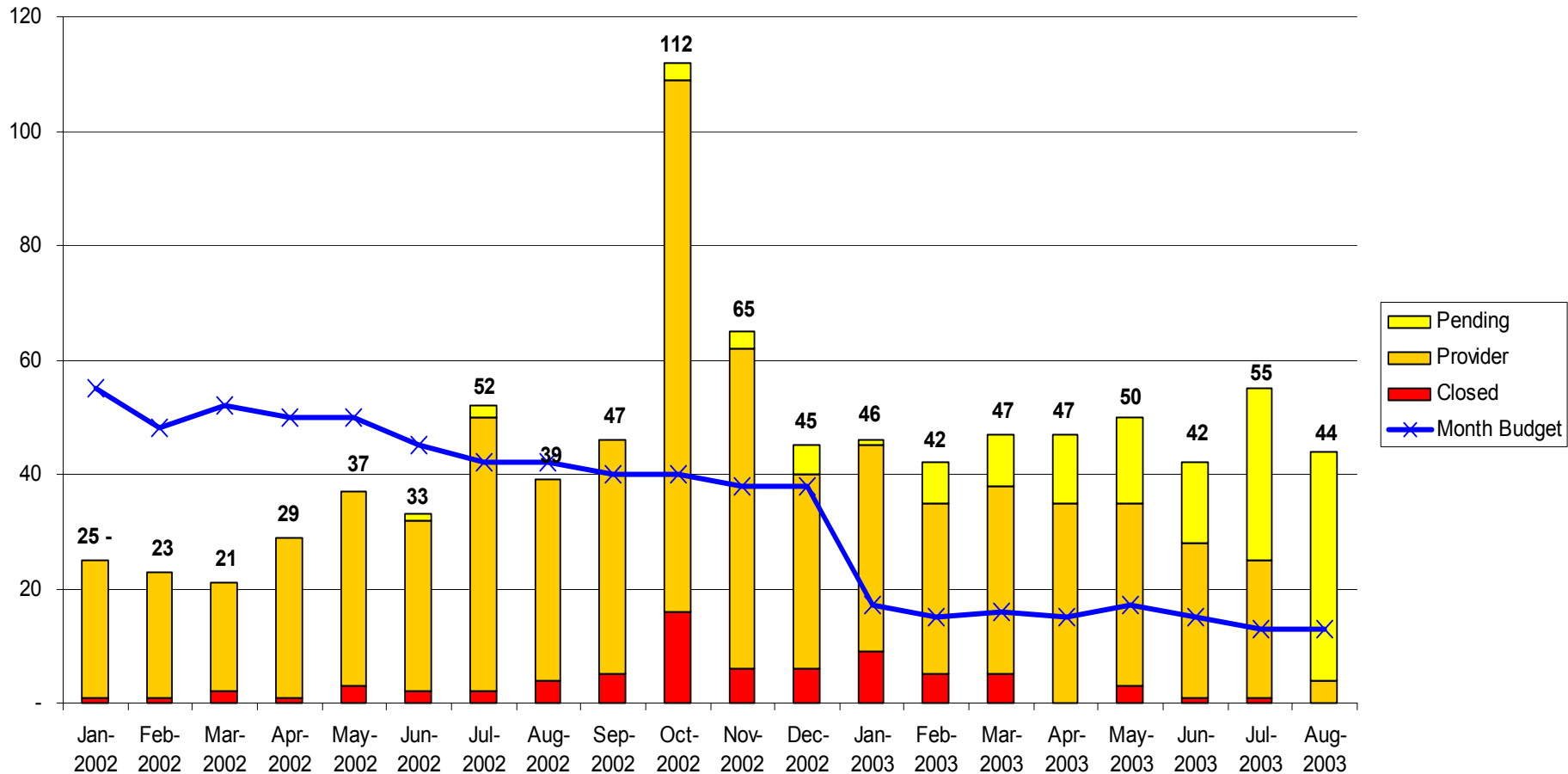


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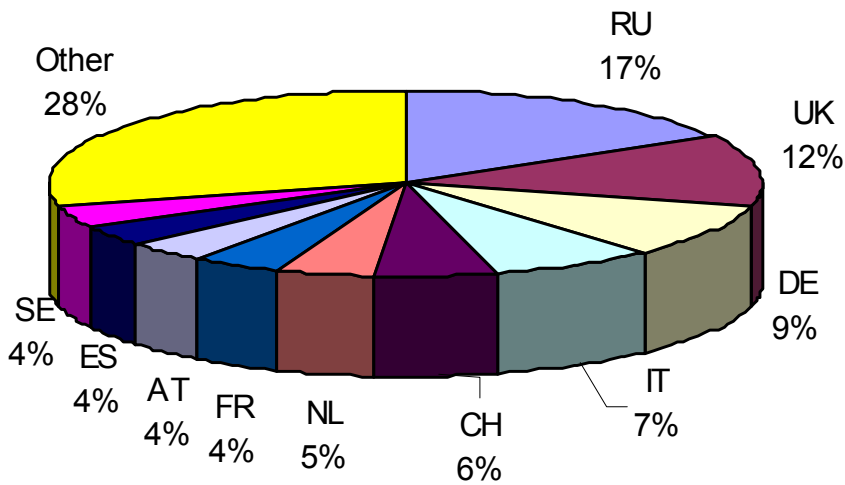


New members 2002 & 2003

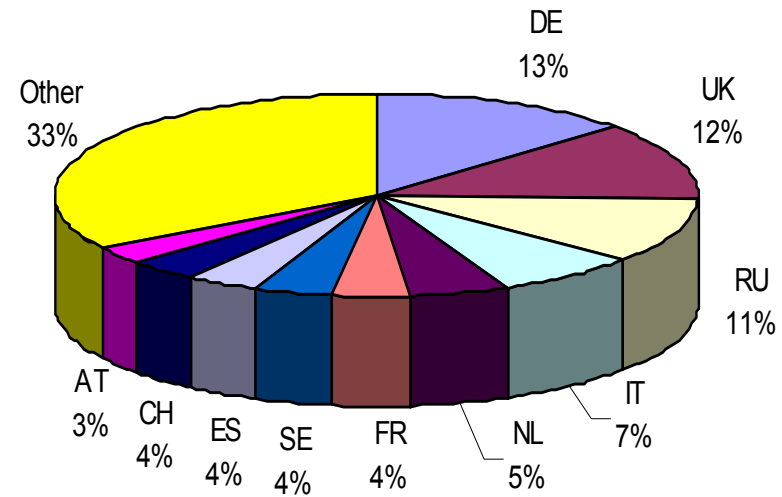


TOP 10 Countries

New LIRs (Last 12 months)



Total Membership



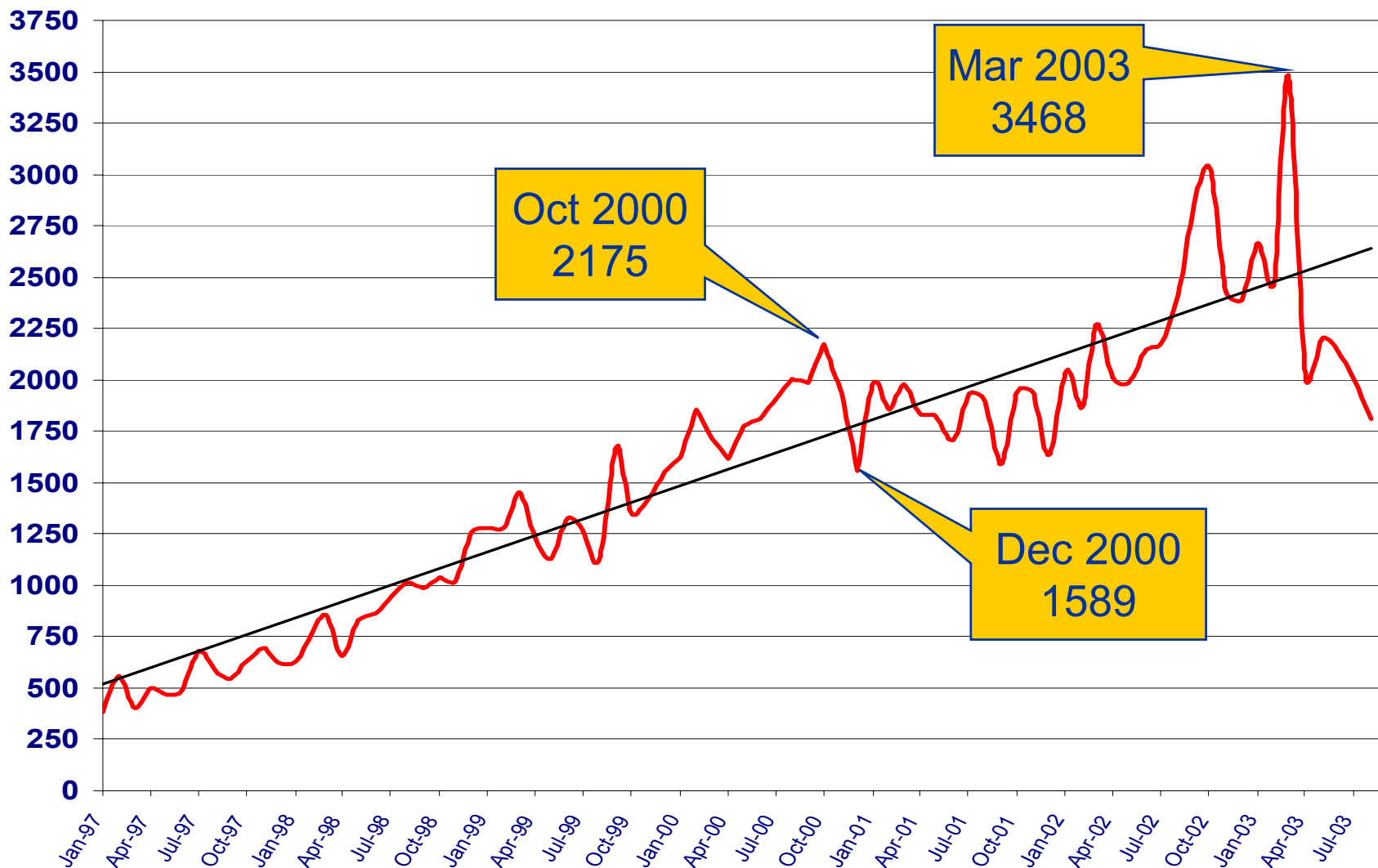


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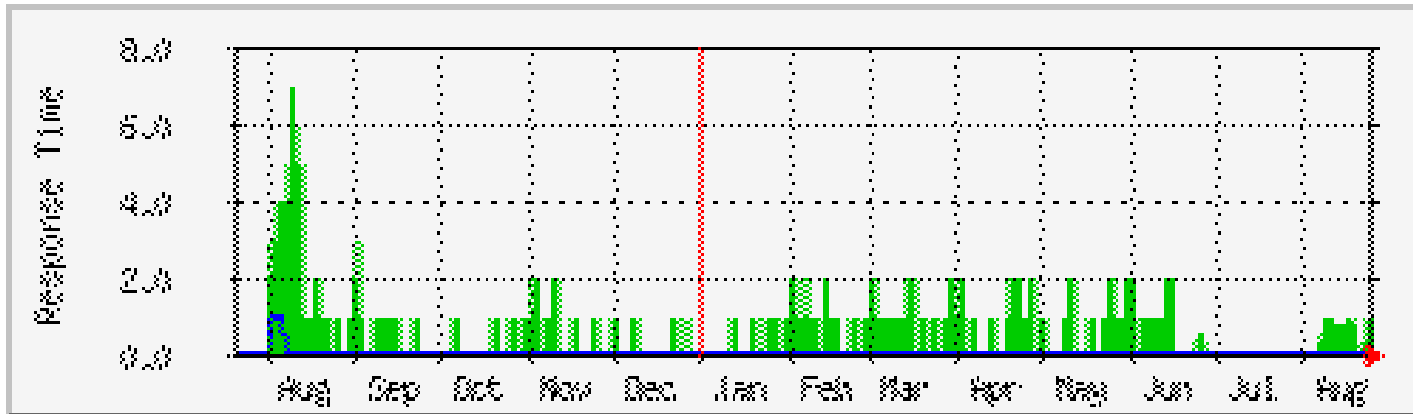


Requests Received



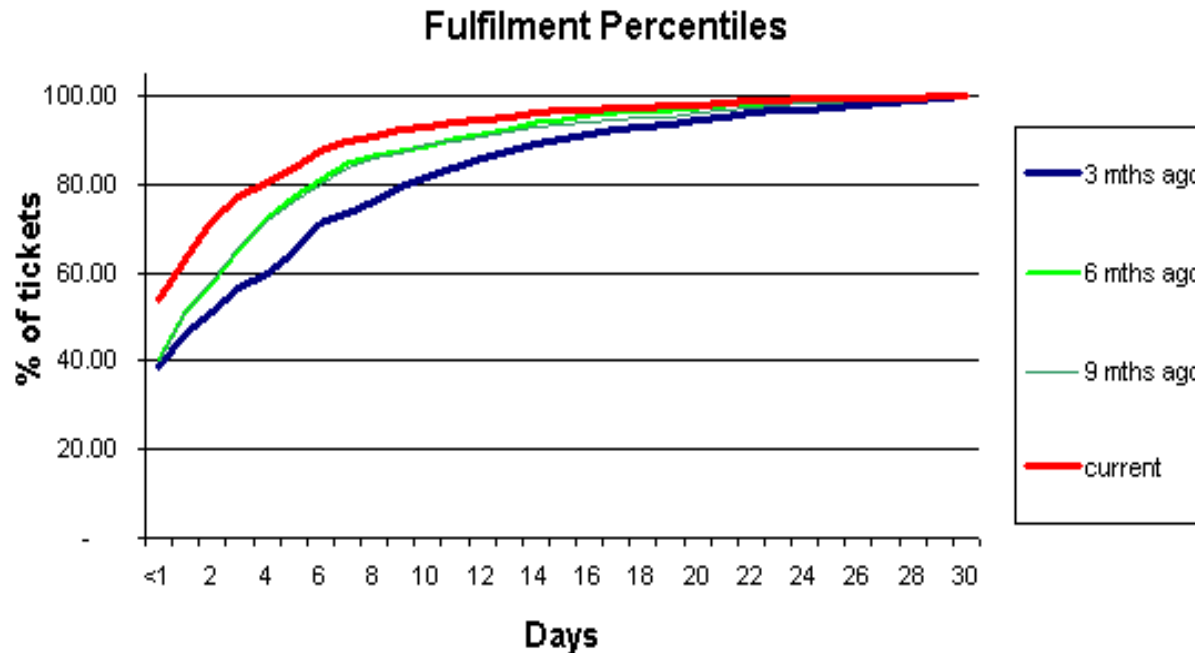
Registration Services

- Consistently short response times
 - Average response time is one working day



- Improving time to initial completion
 - <http://www.ripe.net/rs/response-times.html>

Fulfilment Percentiles



Training

- LIR Courses
- Routing Registry Courses
- DNSSec courses
- ~110 attendees per month
- 71 courses in 2003
- 22 courses for Sep – Dec 2003
- ~80 courses planned for 2004

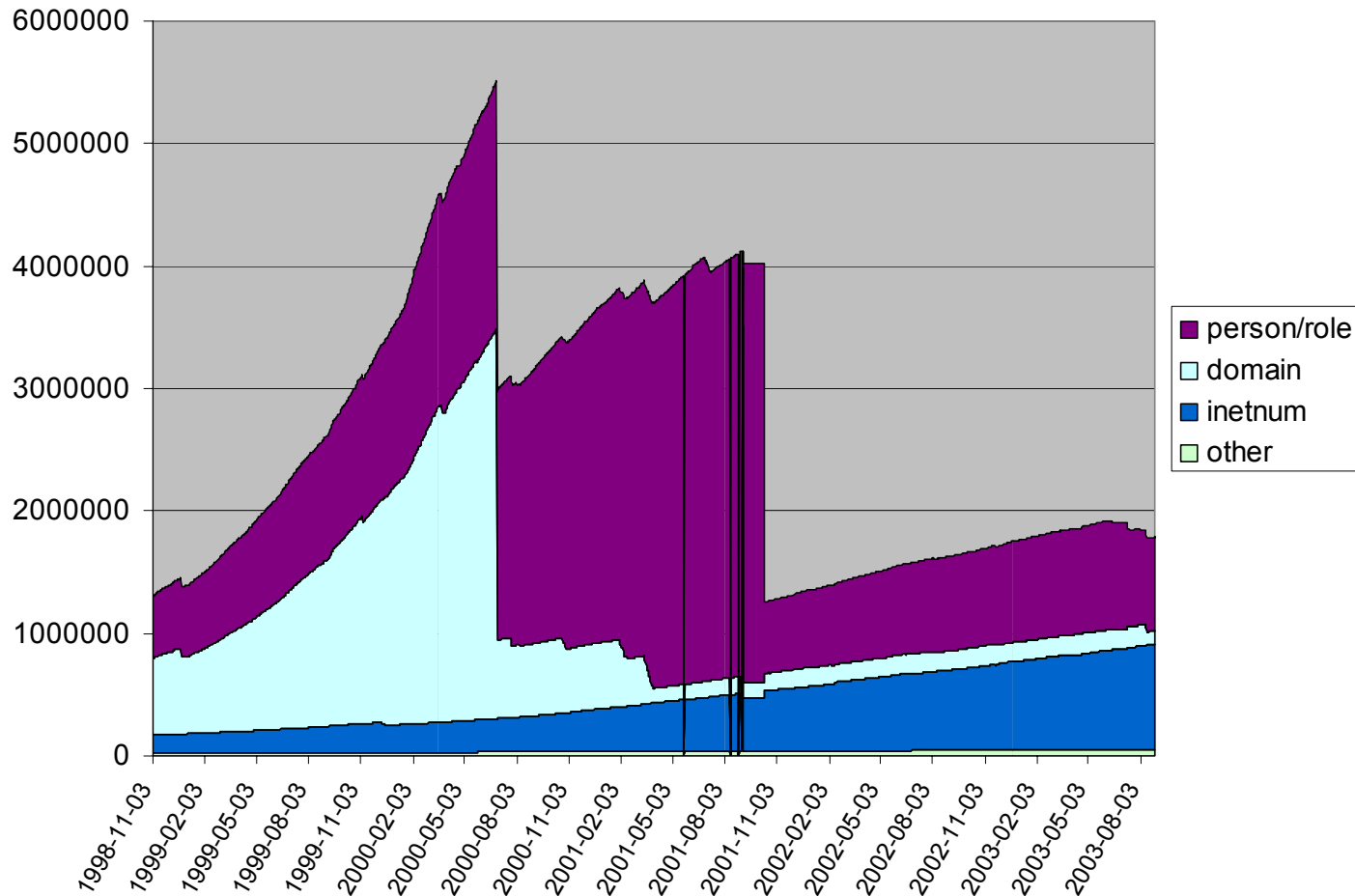


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Database Contents

Historical



Database

- Whois server improvements
- Synchronous/Web updates
- IPv6 access to the Whois service
- RPSLng
- Cleanups
 - Unreferenced person object cleanup service in place
- Routing Registry Consistency Check
 - Project moved to maintenance phase
 - Source code released
- ERX
 - 13 /8's completed



k rootserver operations

- Transition to nsd DNS software
 - Developed and tested together with Nlnet labs
- First anycast instance deployed
- More anycast servers planned

- Stable operations according to dnsmon.ripe.net

RIR Co-ordination

- Joint statistics and other publications
- Support for emerging RIR
 - AfriNIC workshop in Montevideo
 - AfriNIC training @ RIPE NCC
 - Make transition plan work
- ICANN:
 - Strong co-ordination on board level throughout the year
 - Progress at last on procedures and IANA IPv4 Allocation documents

ICANN / ASO

- Attended ICANN Meetings
 - March 2003, Rio de Janeiro, Brazil
 - June 2003, Montreal, Canada
 - Sabine Jaume-Rajaonia re-elected for ASO AC



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DISI and DNSSEC

- **Deployment of Internet Security Infrastructure**
 - Start with DNSSEC
- **DNSSEC is not ready for deployment (yet)**
 - Contribute towards protocol development
 - Testing first implementations
 - Develop tools: NET::DNS::SEC Perl module
 - Expect to be ready for deployment early 2004
 - Training course for interested LIR's.
 - Preparing them for deploying DNSSEC
 - Regular services as of 1/1/2003



Routing Information Service

- Goal: Collect BGP information as time-series data and make this available for operational, planning and research purposes
- RIS usage grew by a factor of 3 over the last year
- Infrastructure improvements:
 - Data available earlier
 - Faster response to user queries
- Continuous improvements of service based on user feedback
- Beacon prefixes set up October 2002
 - Flapping and dampening studies
 - First report at RIPE44, full report
- Started myASn development

Test Traffic Measurement Service

- Active measurement service
 - Neutral, independent of any provider
 - High quality data
- Membership service, not for free
 - Interested parties buy a box (€2500) and...
 - ...pay a service fee (€3000/year)
- Network continues to grow, ~2 boxes/month
- Service constantly being improved based on user feedback:
 - Website layout, fine tuning measurements, ...



TTM main new features

- Incident reporting:
 - TTM data shows effects of incidents on the Internet that others cannot see
 - Publish reports in those cases
- Full support for IPv6:
 - Only service existing to do so
- <http://dnsmon.ripe.net>
 - monitoring of root and ccTLD servers



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RIPE NCC Next Steps

- Improve Efficiency & Fulfilment Time
- Develop LIR Portal
- Launch Information Services
- Intensify Member Communication
- ICANN...



RIPE NCC Priorities

- Ensure and further improve stable, reliable and high quality services
- Respond to members needs and propose and develop services as needed
- Maintain RIPE NCC and RIPE awareness

Questions and Answers



<http://www.ripe.net/ripenncc/about/agm/agm2003/>