RIPE NCC Activities, Expenditure and Charging Scheme 2003

(ripe-255)

presented by:

Axel Pawlik

Managing Director

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Outline

- **Membership Services**

- Co-ordination Activities

- New Activities

- Growth Plan, Budget & Proposed Fees 2003

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Regional Internet Registry

- IP Address Allocation & Assignment
- AS Number Assignment
- Reverse Delegation
- Consistency & Auditing
- Internal Quality

Co-ordination & Liaison:
- RIRs Co-ordination & Co-operation
- IETF / IAB / IANA / ICANN / ASO

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Support for LIRs

- LIR Set-up
- LIR Training Courses
    - Continue to develop course material
- More courses: DNSsec

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Test Traffic Measurements

- Main development areas for 2003:
  - IPv6 version
  - Throughput metrics
  - Packet re-ordering metrics
  - Delay Measurements
  - User input and feedback
- New Business Model by RIPE 45
  - TTM not self sufficient

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RIPE NCC Interaction Facilities

- Ease of Interaction
- Privacy
- Security / Authentication
- 2003: Launch of Production Service
  - Secure Web Portal
  - Continued Development

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Outline

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RIPE Database

- Software Maintenance & Development
- User Support
  - Mailbox, Documentation
- Consistency & Accuracy
- Data Availability & Exchange
- Security Mechanisms
- New Database Features
- RPSLng: Extending RPSL
  - IPv6, Multicasting Support
- Routing Registry
  - Tools, Training, Consistency

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Info. Services & Communications

- **Public Relations & Outreach**
  - Maintain RIPE NCC & RIPE awareness
    - role in Internet Administration
  - New players, new technologies, and governments
  - Co-operation / relations with other org. in industry
- **Focus on Membership needs**
- **Reporting**
  - Active in industry related events & forums
  - Publication of material in press & industry journals
  - Annual Report
- **Information Dissemination**
  - Web / Mailing List maintenance / RIPE meetings

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DNS Co-ordination

- Operation of Root NS (k.root-server.net)

- Secondary DNS Service for ccTLDs

- DNS Hostcount

- ENUM DNS services

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RIPE Meetings

- Administrative & Technical Support
- Organisation of Meetings
- Mailing List / Website Management
- Support for WG Chairs

- This is the RIPE NCC's Foundation

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Outline

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Deployment of Internet Security Infrastructure

- A.k.a DISI
- DNSsec courses
- Documentation (BCPs)
- IETF participation
- Deploy DNSsec on in-addr.arpa tree for RIPE NCC allocated address blocks

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Routing Information Service

- Study data from different Route Collectors
- Increase functionality
- BGP beacons
- Provide input for the Routing Registry Consistency Check (RRCC)
- Statistical and trend analyses
- Maintain IRRToolset

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nsd

- Support for maintenance and development
  - nsd
  - Testbed
- Testing of various DNS implementation
  - Performance
  - Differences

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Outline

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Growth Plan and Budget 2003

Activity Area	Budget 2002	%	Budget 2003	%	Change vs. 2002	%
Registration Activities	4,367	46%	4,422	44%	55	1%
Co-ordination	2,419	25%	2,961	30%	542	22%
Test-Traffic Measurements	868	9%	526	5%	- 342	- 39%
New Activities	976	10%	853	9%	- 123	- 13%
Administration	963	10%	1,242	12%	279	29%
	9,593		10,004		411	4%

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Projected and Observed Growth in LIRs

LIRs	Actual			Projected	
	1999	2000	2001	2002	2003
Small	1,257	1,978	2,536	2,677	2,470
Medium	346	459	441	433	650
Large	93	130	145	140	130
Total	1,696	2,567	3,122	3,250	3,250

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Proposed Charges for 2003

Annual Charge	1999	2000	2001	2002	2003
Small	2,650	2,400	2,100	1,800	2,750
Medium	3,700	3,350	2,950	2,500	3,750
Large	4,900	4,400	3,900	3,400	5,250
Sign Up Fee	2,100	2,100	2,100	2,100	2,500

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Questions and Answers

http://www.ripe.net/ripencc/about/agm/agm2003/

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