



RIPE NCC Activities, Expenditure and Charging Scheme 2002

(ripe-226)

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RIPE NCC General Meeting, 30 October 2001, Amsterdam

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Outline

- Membership Services
- Co-ordination Activities
- New Activities
- Growth Plan, Budget & Proposed Fees 2002





Regional Internet Registry

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

Co-ordination & Liaison:

- RIRs Co-ordination & Co-operation
- ICANN / IANA / ASO

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Initial Support for LIRs

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

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Test Traffic Measurements

- Main development areas for 2002:
 - Scalability: tackling the n^2 - problem
 - Expand the network
 - Develop services and products using the data
 - Offer user training
 - Develop additional measurements
 - User input and feedback
- Goal: Self Sufficiency

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NCC Interaction Facilities

- Ease of Interaction
- Privacy
- Security / Authentication
- 2002: Prototypes

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- Membership Services
- **Co-ordination Activities**
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RIPE Database

- Software Maintenance & Development
- User Support
 - Mailbox, Documentation
- Consistency & Accuracy
- Data Availability & Exchange
- Security Mechanisms
- New Database Features

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Info. Services & Communications

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

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DNS Co-ordination

- Operation of Root NS (k.root-server.net)
- Secondary DNS Service for TLDs
- DNS Hostcount





RIPE Meetings

- Administrative & Technical Support
- Organisation of meetings
- Mailing List / Website Management
- Support for WG chairs





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Routing Information Service

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





Deployment of Internet Security Infrastructure

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





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- Membership Services
- Test Traffic Measurements
- Co-ordination Activities
- New Activities
- **Growth Plan, Budget & Proposed Fees 2002**





Growth Plan and Budget 2002

Activity Area	2001	%	2002	%	change	%
Registration Activities	3,539	44.7%	4,367	45.5%	829	23.4%
Co-ordination	2,225	28.1%	2,419	25.2%	194	8.7%
Test-Traffic Measurements	459	5.8%	868	9.1%	409	89.2%
New Activities	637	8.0%	976	10.2%	339	53.3%
Administration	1,064	13.4%	963	10.0%	-101	-9.5%
Total (kEUR)	7,924	100%	9,593	100%	1,669	21.1%

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Projected and Observed Growth in LIRs

LIR's	Actual			Projected	
	1998	1999	2000	2001	2002
Small	935	1,257	1,978	2,620	3,160
Medium	253	346	459	598	598
Large	75	93	130	159	159
Total	1,263	1,696	2,567	3,377	3,917





Proposed Charges for 2002

Annual Charge	2002	2001	2000	1999	1998	1997
SMALL	1,800	2,100	2,400	2,650	2,450	2,200
MEDIUM	2,500	2,950	3,350	3,700	3,400	3,000
LARGE	3,400	3,900	4,400	4,900	4,500	4,000
Sign Up	2,100	2,100	2,100	2,100	2,000	1,300





Questions and Answers



<http://www.ripe.net/ripencc/about/agm/agm2001/>



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