



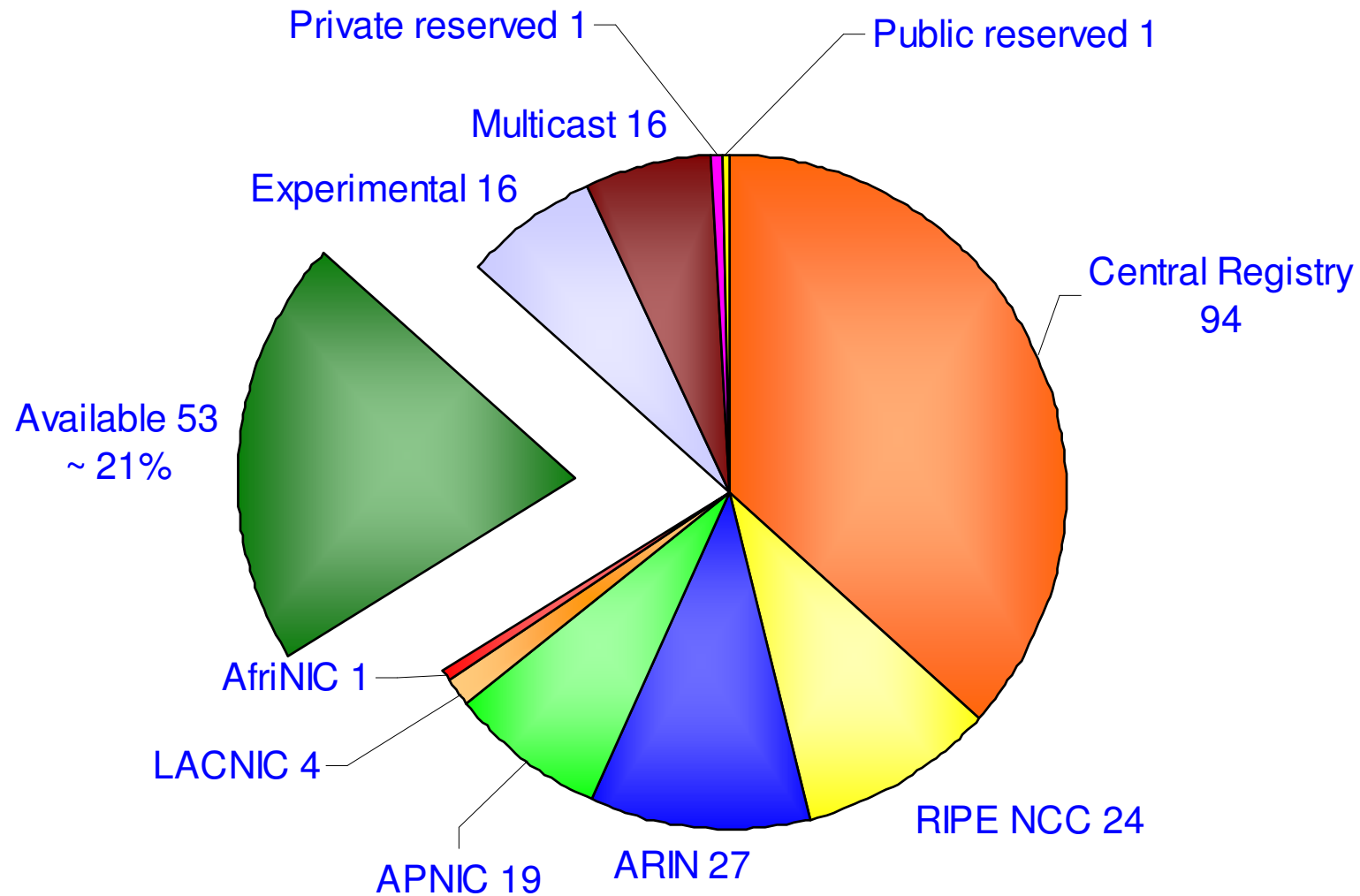
IP Address Distribution Statistics/Policy Update

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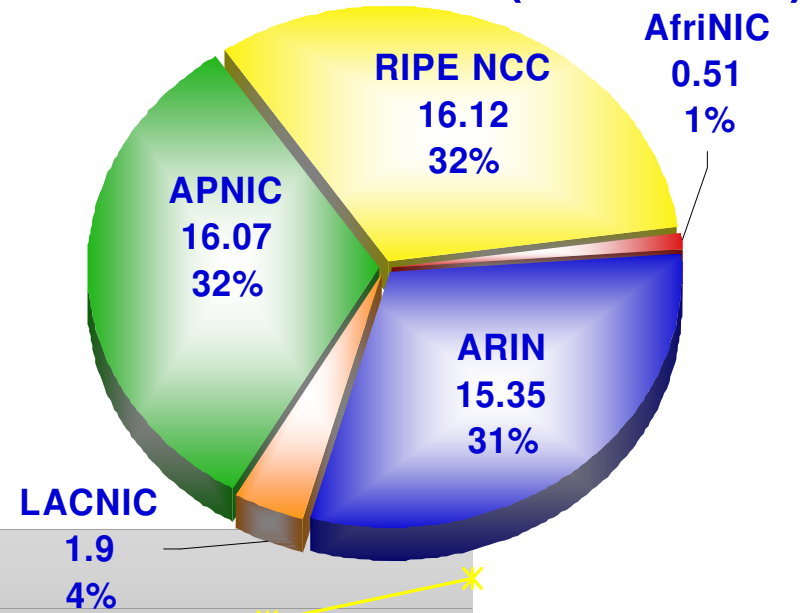
Global IPv4 Usage in /8s



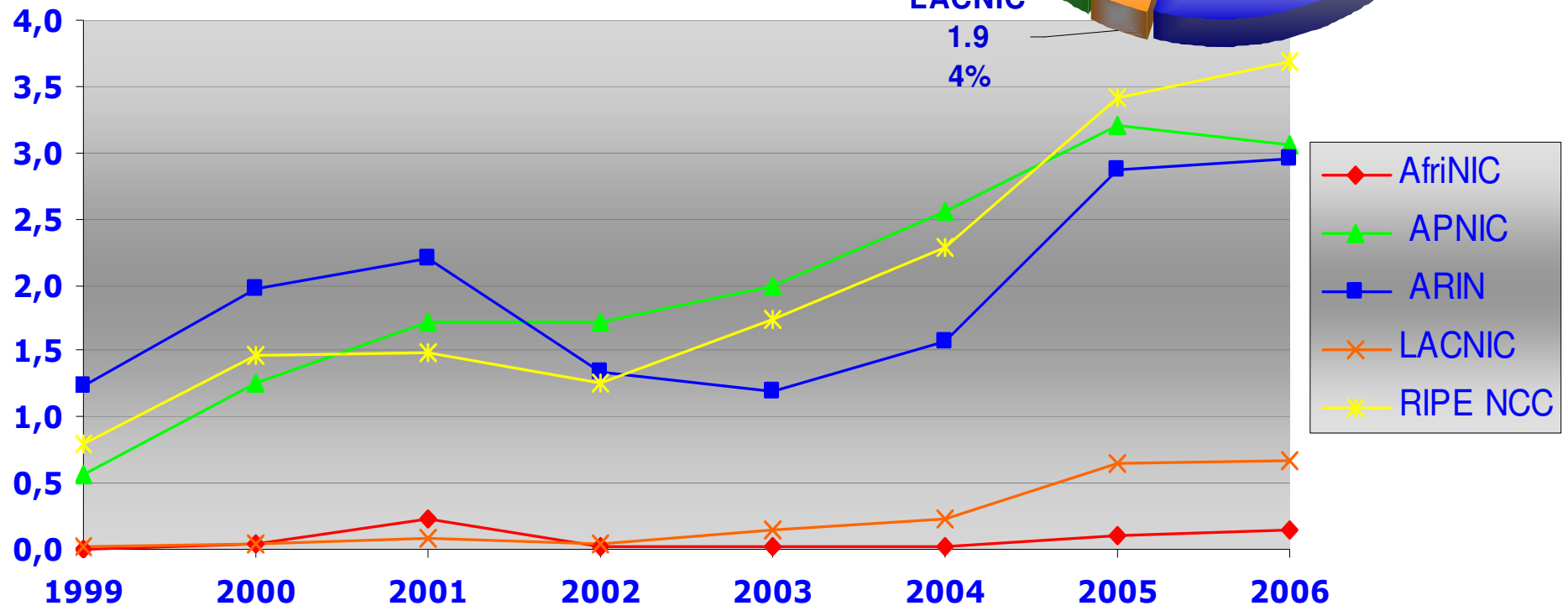


IPv4 Allocations RIRs to LIRs/ISPs

Cumulative Total (1999–2006)



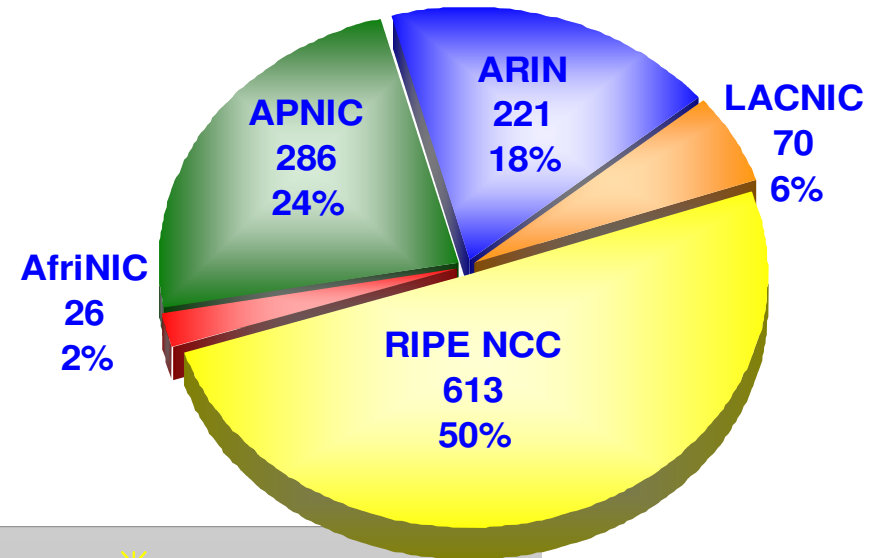
Yearly Comparison (/8s)



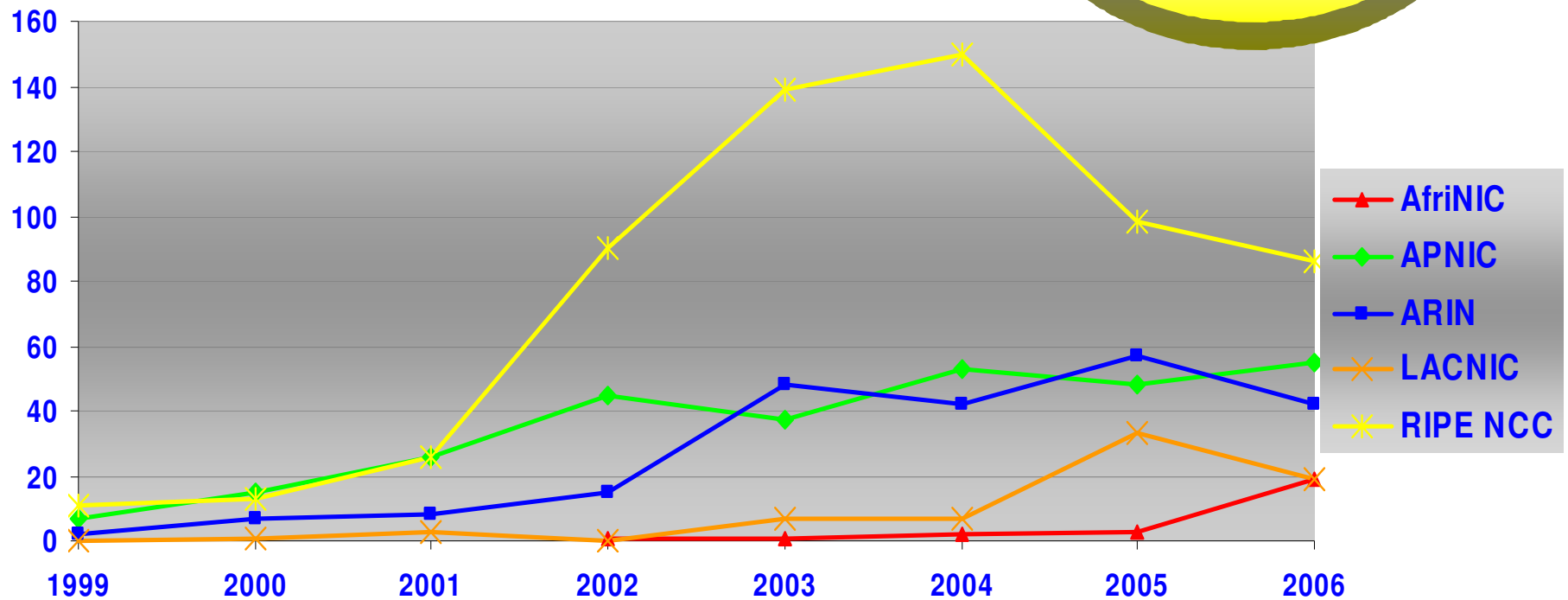


IPv6 Allocations RIRs to LIRs/ISPs

Cumulative Total (1999–2006)



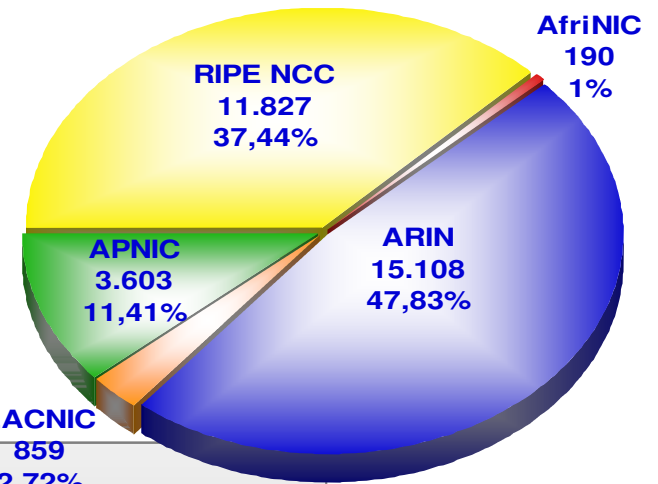
Yearly Comparison



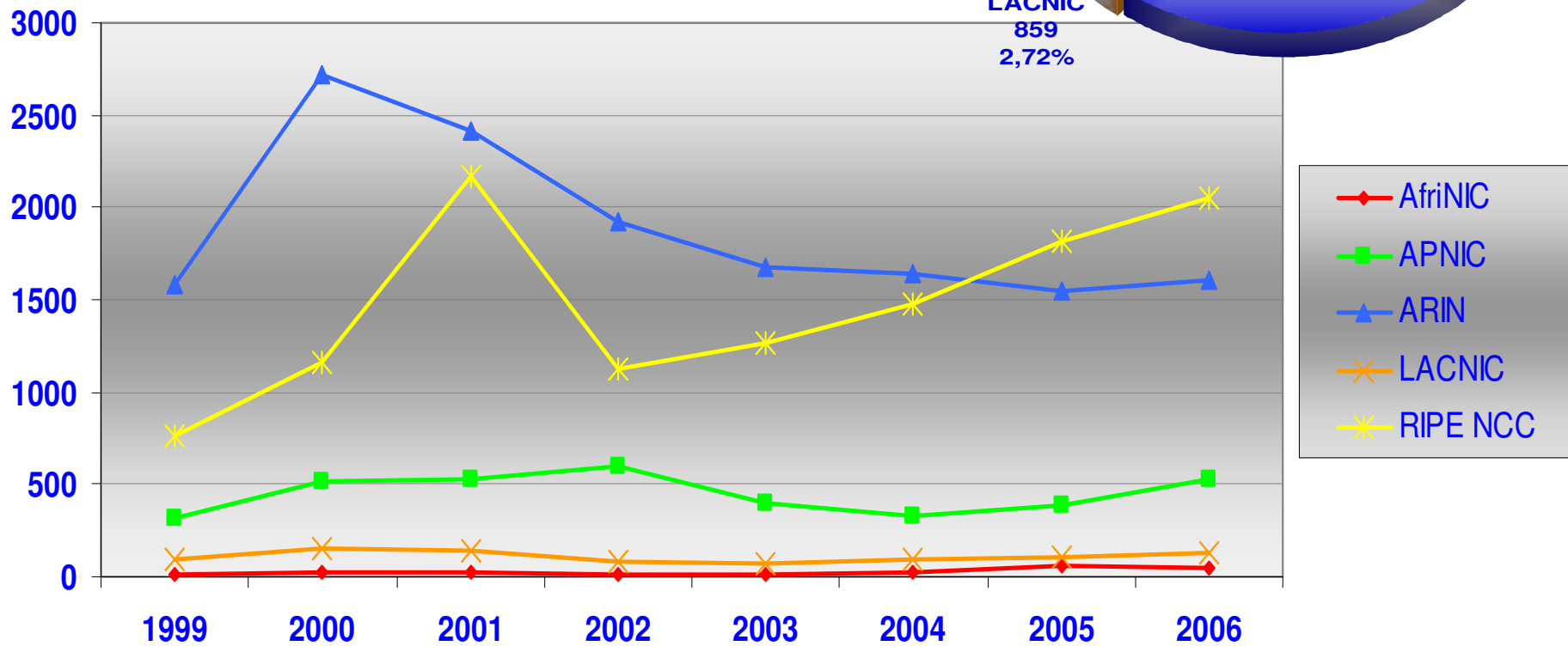


ASN Assignments

Cumulative Total (1999–2006)



Yearly Comparison





IPv6 Assignment and Utilisation Requirements (2005-08)

- Aims to increase the useful lifetime of IPv6
 - period in excess of 100 years
 - no further allocation policy changes are anticipated
- Changes:
 - allow assignment size to be chosen by LIR
 - “End Site” definition for HD ratio calculation to /56
 - HD ratio from 0.8 to 0.94
- /32 Allocation:
 - old: HD ratio 0.8, /48 assignments: 7132 /48s needed (11%)
 - new: HD ratio 0.94, /56 assignments: 6,183,533 /56s needed (37%)
 - (24,154 /48s)



Provider Independent (PI) IPv6 Assignments for End User Organisations (2006-01)

- Currently:
 - No PI in IPv6
 - Only possible to multihome with LIR allocation
 - Multihoming a requirement for some non-LIR organisations
- Temporary policy: until three years after technical alternative is available



IPv6 Address Allocation and Assignment Policy (2006-02)

- Changes to the policy:
 - organisations without external customers can also qualify
 - allow assignment size to be chosen by LIR
 - remove “plan for 200 assignments”



Provider Independent (PI) Assignment Size (2006-05)

- Minimum assignment size: /24
 - when routing is a major issue



First Raise in IPv4 Assignment Window Size (2006-07)

- Every LIR will have an AW of a /21
 - six months after receiving first allocation



Be aware: policy-announce mailing list

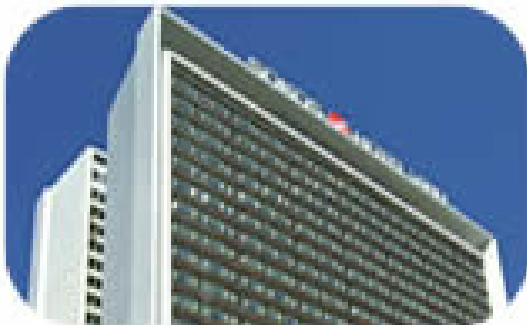
- Low traffic mailing list
 - 12 mails this year
- Proposals
- New policies

- <http://www.ripe.net/mailman/listinfo/policy-announce>



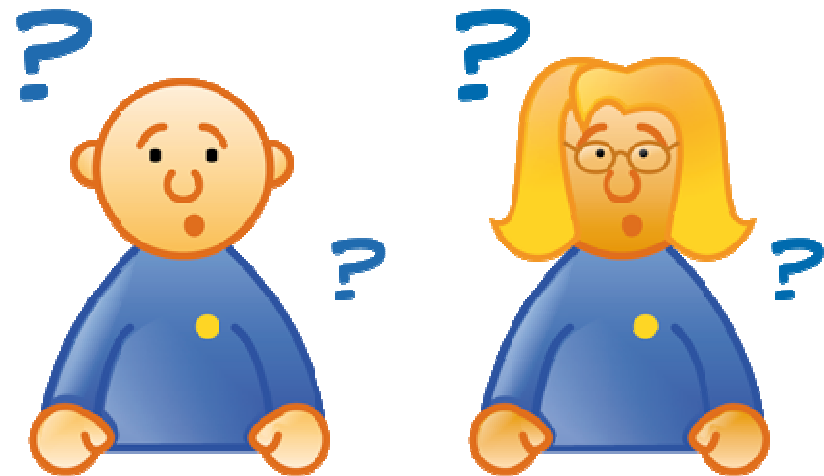
See you in Tallinn!

- RIPE 54: 7 – 11 May 2007
- Tallinn, Estonia





Thank you!



Questions?