

# Statistical & Policy Update

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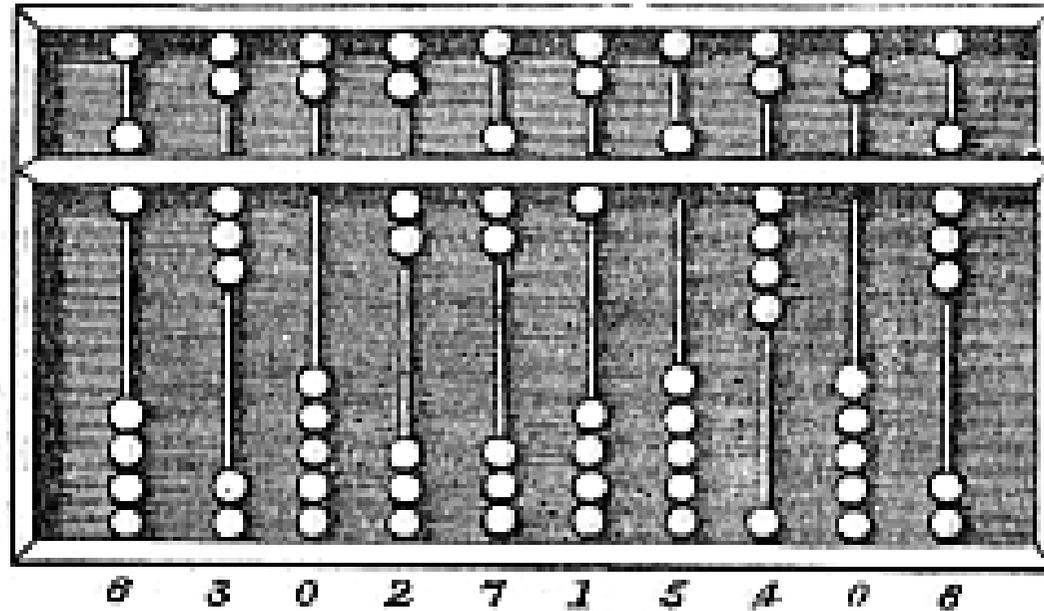
RIPE NCC Regional Meeting  
Moscow, September 2006



# Overview

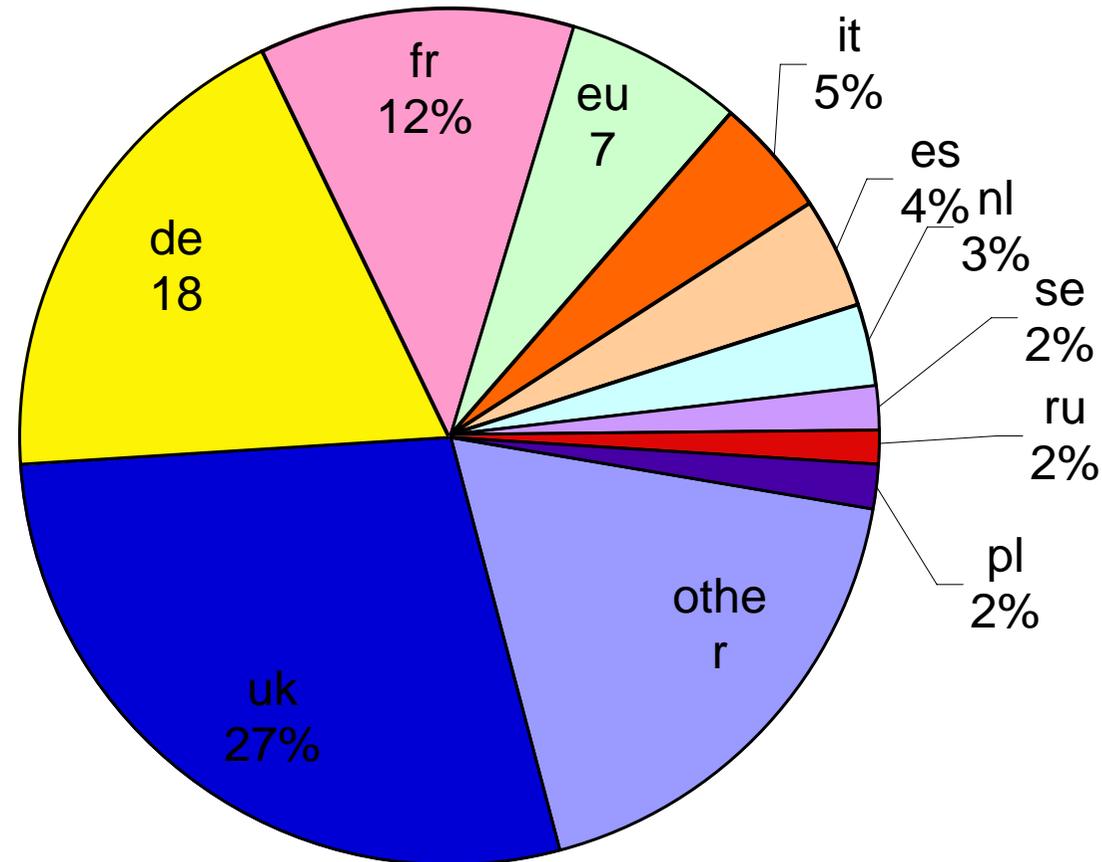
- Statistics
  - Paper Handout
  - Internet Number Resources
  - Service Usage
- Policy
  - RIPE Update
  - Worldwide Update

# Statistical Update

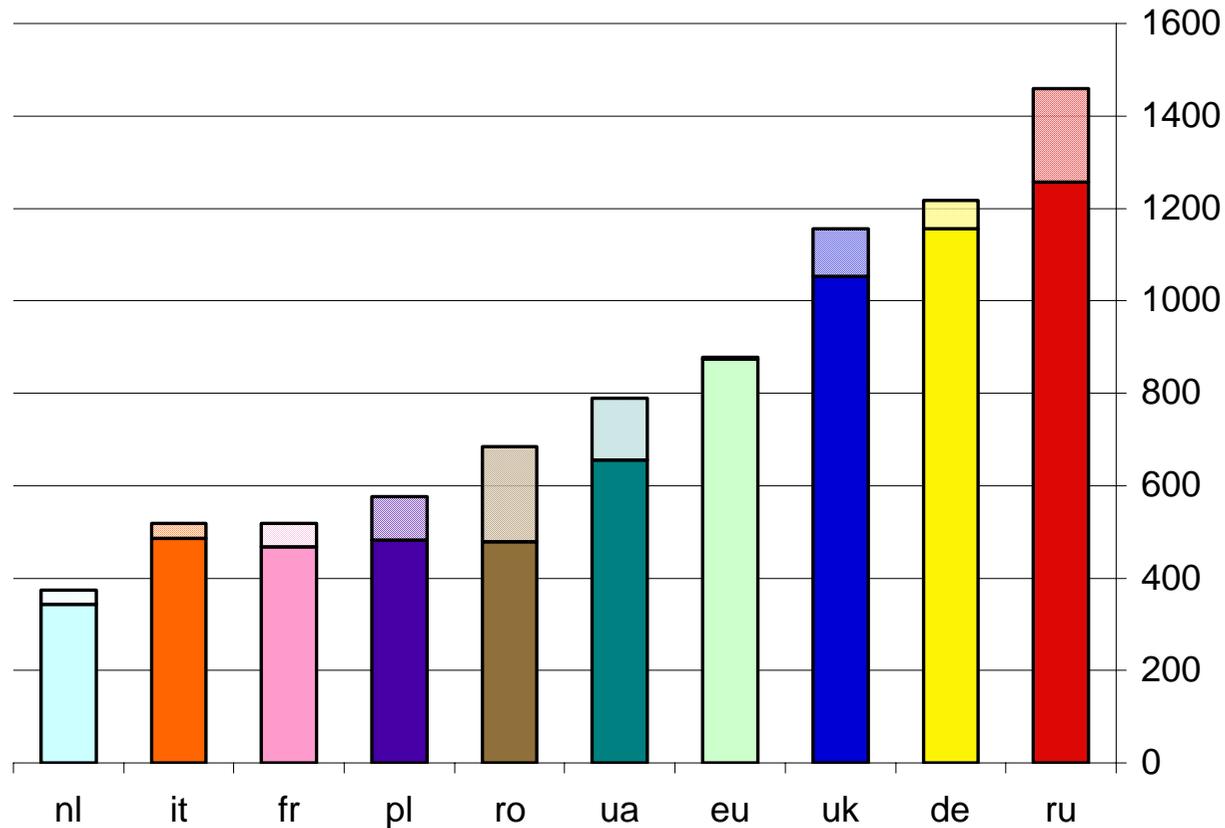


Paper handout in meeting packs

# IPv4 Distribution 2006



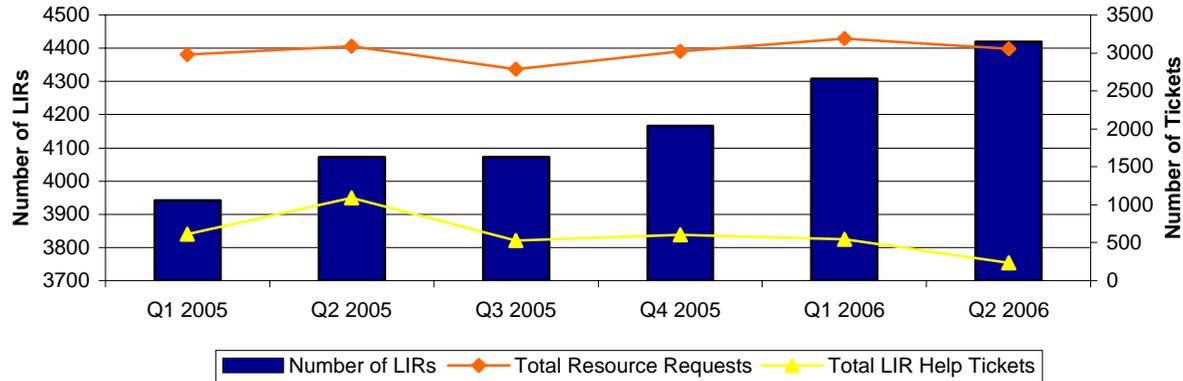
# AS Number Distribution by Country



Shaded areas show growth in 2006

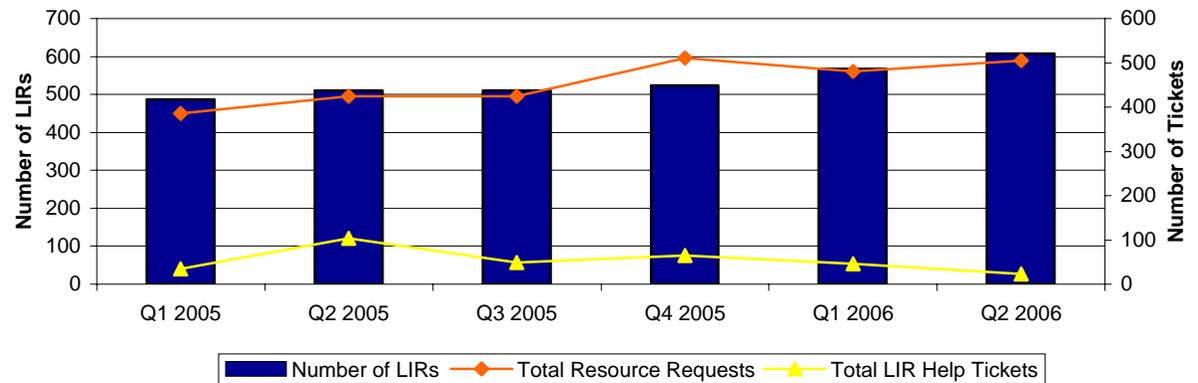
# LIR & Ticket Numbers

Number of LIRs and Tickets



All LIRs

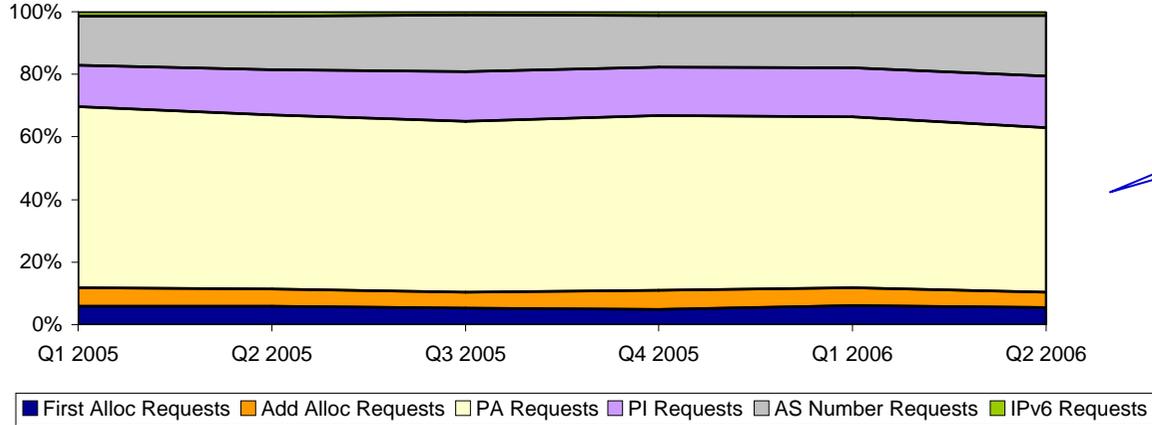
Number of LIRs and Tickets



Russian LIRs

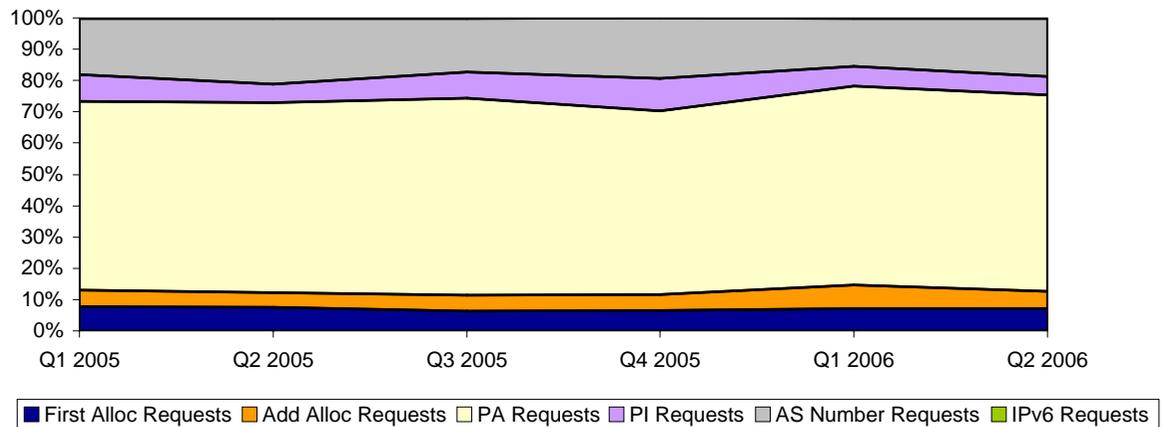
# Request Types

Distribution of % of Resource Request Types



All LIRs

Distribution of % of Resource Request Types



Russian LIRs

# RIPE Policy Update





# RIPE Policy Update (1)

- Discussion Phase
  - Provider Independent (PI) IPv6 Assignments for End User Organisations (2006-01)
  - IPv6 Address Allocation and Assignment Policy (2006-02)
  - Contact e-mail Address Requirements (2006-04)
  - PI Assignment Size (2006-05)
  - IPv4 Maximum Allocation Period (2006-06)
  - Minimum IPv4 Assignment Window (2006-07)



# RIPE Policy Update (2)

- Review Phase
  - Amend the IPv6 Assignment and Utilisation Requirement (2005-08)
    - Awaiting WG Decision
- Concluding Phase (Last Call)
  - IP Assignments for Anycasting DNS (2005-02)
  - 4-Byte AS Numbers (2005-12)



# RIPE Policy Update (3)

- Withdrawn
  - IPv6 Address Allocation and Assignment Policy - definition for "End-Site" (2005-04)
  - IPv6 Initial Allocation Criteria (2005-03)
  - HD-ratio for IPv4 (2005-01)
- Concluded
  - IPv6 Blocks from IANA to RIRs (2005-09)
    - Global policy
    - Published as ripe-376
    - Ratified by ICANN board last week

# Worldwide Policy Update





# Worldwide View - IPv4

- Maximum Allocation Period
  - Proposes 12 months
  - Consensus reached in LACNIC IX (May 2006)
  - Just proposed in RIPE



# Worldwide View - IPv6 (1)

- HD ratio (0.94)
  - APNIC, ARIN adopted
  - LACNIC reached consensus
  - RIPE is discussing
- Amend IPv6 Assignments and Utilisation Requirements
  - ARIN adopted
  - APNIC reached consensus
  - RIPE and LACNIC are discussing



# Worldwide View - IPv6 (2)

- Provider Independent IPv6 Assignments for End-Sites
  - ARIN adopted (size: min /48)
  - APNIC reached consensus (size: for a /48)
  - RIPE and LACNIC are discussing (size: /32)
- IPv6 Address Allocation and Assignment Policy
  - ARIN, LACNIC and AfriNIC adopted varying criteria
  - RIPE is discussing
  - No consensus in APNIC



# Worldwide View - AS Numbers

- 4-Byte AS Numbers
  - Adopted in ARIN, APNIC and LACNIC
  - RIPE awaiting decision from chairs to conclude
  - Last call ends on 22 September in AfriNIC



# Policy Development Officer

- Increased support for RIPE's open Policy Development Process
  - Support to proposers
  - Assistance with drafting text
  - Coordination with WG chairs
  - Reporting to the community
  - Supporting RIPE NCC analysis of policy changes
- Contact Filiz Yilmaz at [filiz@ripe.net](mailto:filiz@ripe.net)





# Stay Aware

- Subscribe to [policy-announce@ripe.net](mailto:policy-announce@ripe.net)
  - Announcements only mailing list
  - Updates only sent when the status of a proposal changes
  - <http://www.ripe.net/mailman/listinfo/policy-announce>

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- [\[policy-announce\] 2006-05 New Policy Proposal \(PI Assignment Size\)](#), Filiz Yilmaz (29 August 2006)
- [\[policy-announce\] 2006-04 New Policy Proposal \(Contact e-mail Address Requirements\)](#), Filiz Yilmaz (23 August 2006)
- [\[policy-announce\] 2005-02 Last Call for Comments \(IP Assignments for Anycasting DNS\)](#), Filiz Yilmaz (21 August 2006)
- [\[policy-announce\] 2006-01 Discussion Period extended until 2 October 2006 \(Provider Independent \(PI\) IPv6 Assignments for End User Organisations\)](#), Filiz Yilmaz (21 August 2006)



# Policy Proposal Archives

- **AfriNIC:**

<http://www.afrinic.net/policy.htm>

- **ARIN:**

[http://www.arin.net/policy/proposals/proposal\\_archive.html](http://www.arin.net/policy/proposals/proposal_archive.html)

- **APNIC:**

<http://www.apnic.net/docs/policy/proposals/archive.html>

- **LACNIC:**

<http://lacnic.net/en/politicas/propuesta-politicas.html>

- **RIPE:**

<http://www.ripe.net/ripe/policies/proposals/>

# Questions?