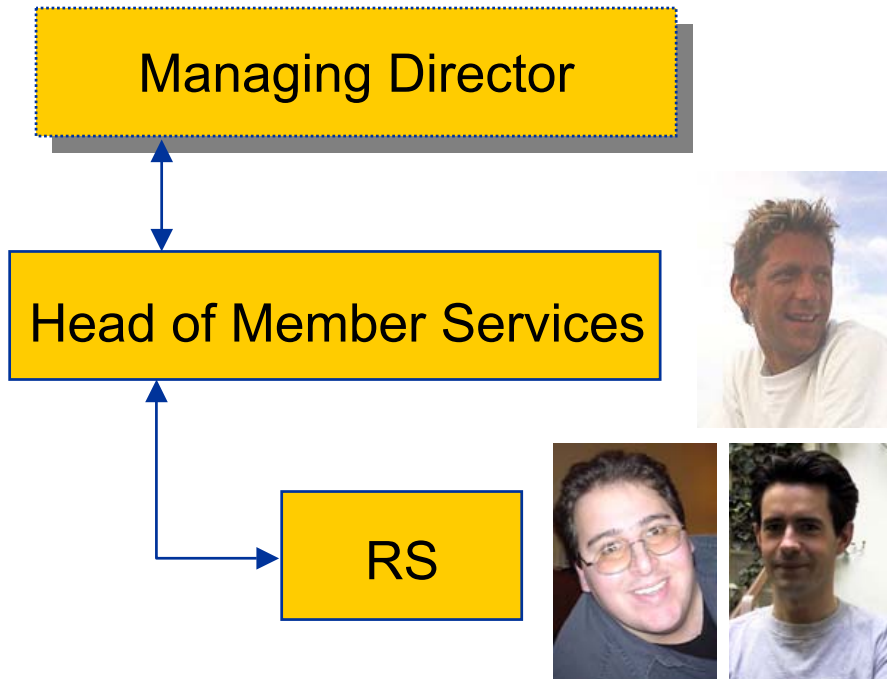# Update from the RIPE NCC

…and Comments on Next Year's Activity Plan

Overview

- **Updates from the Groups**
  - **Membership Services**
  - **Coordination Services**
  - **Information Services**
- **Our Early Thoughts on AP 2005**
  - **Further Developments**
  - **New Services**
  - **Prototypes**
  - **Outreach / Interaction**

Registration Services

Managing Director

**Head of Member Services**

RS

- Service Interface Improvements
  - Documentation
  - LIR-Portal
    - Wizards & Forms
  - Reverse Delegation streamlined
- Coordination between RIRs
  - Hijacking
    - Co-operate with all 4 RIRs
    - Co-ordinate Activities
- IANA Issue
  - Large IPv6 Allocations stalled
  - Resolving Issue with IAB
  - Unnecessary Delay

Training

Managing Director

Head of Member Services
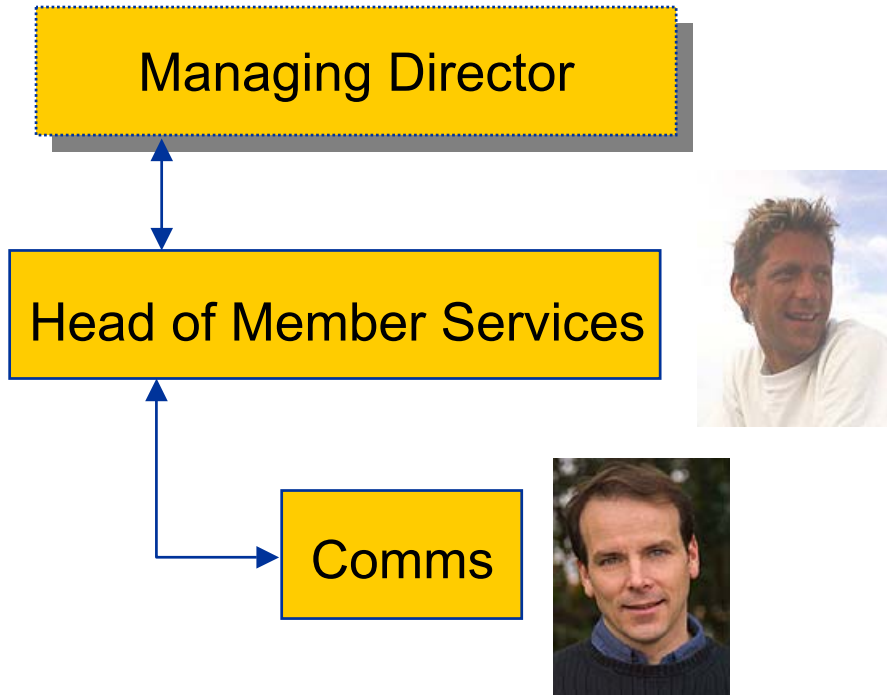
RS
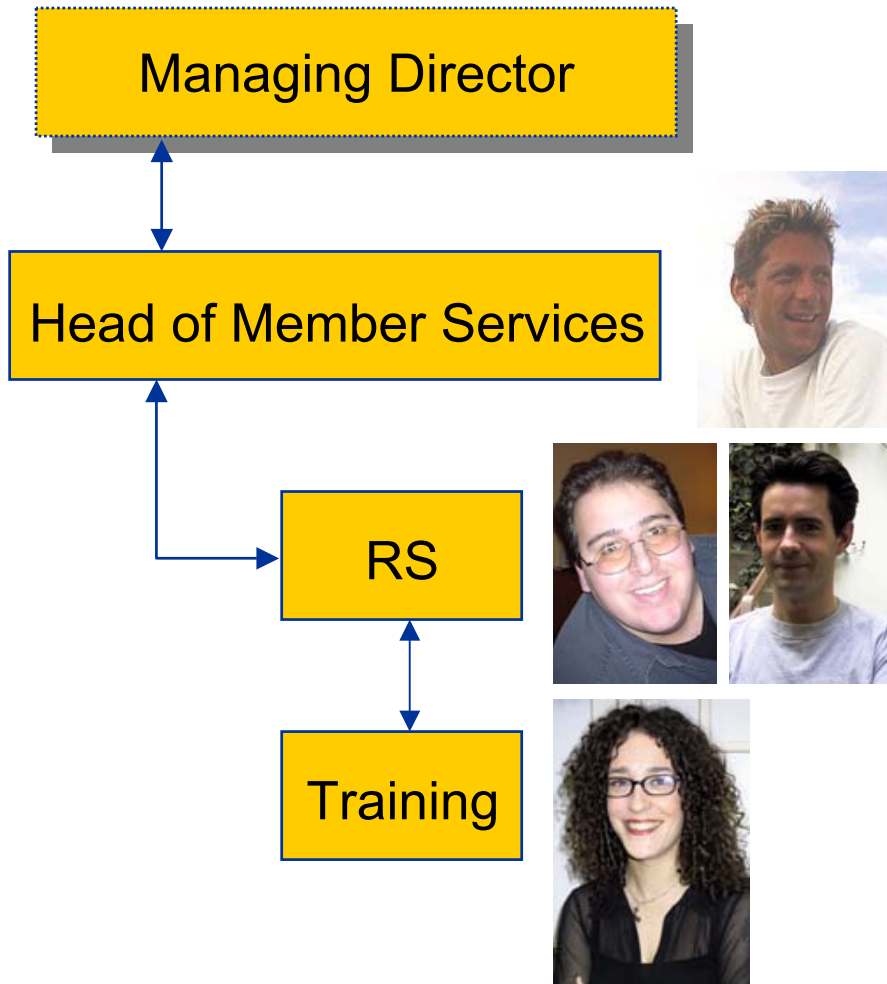
Training

- ~ 72 courses planned
    - 56 LIR courses, 11 RR courses, 5 DNSSec courses

- Q2 – Q3 Destinations
    - Slovakia, Senegal, Egypt, France, Bulgaria, Ukraine, Netherlands, Sweden, Prague, United Kingdom, Romania, Kenya, Iran, Denmark, Russia, Belgium, Hungary

- Defining long term training strategy
- Investigating new methods and formats (with APNIC)
- Investigating hosting options (increased coverage)

Membership Liaison

Managing Director

Head of Member Services

MLO
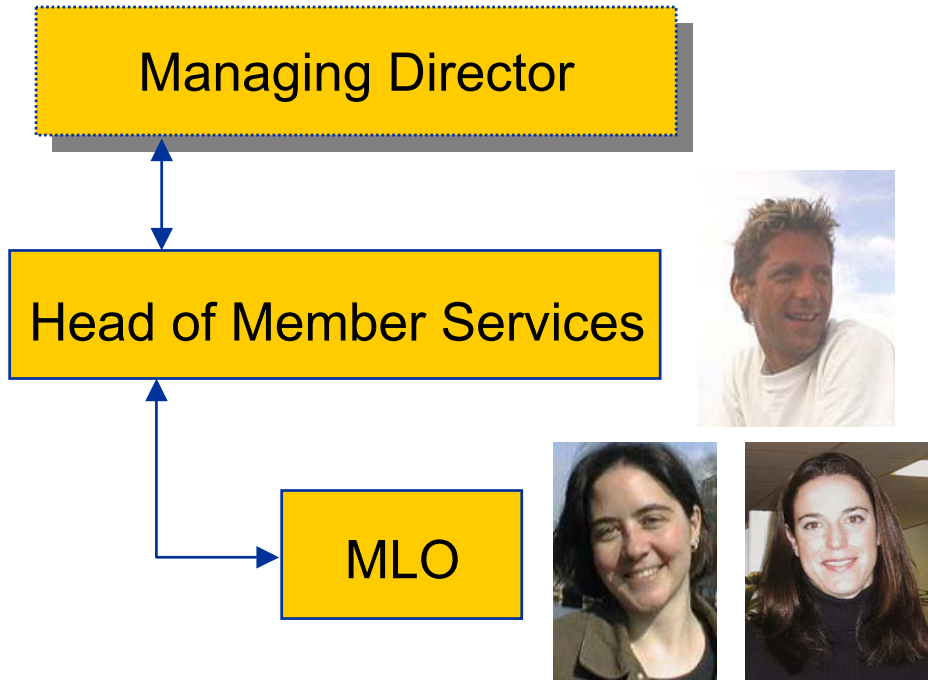
- Responsibilities:
  - Liaison activities and regional support
  - Developing communication channels
  - Improving interaction between RIPE NCC and members

- RIPE NCC regional meetings
  - Moscow Meeting announced
  - Nairobi Meeting preparations

- Support for RIPE NCC Services WG & RIPE Meetings

- Collaborate with RIRs on membership issues

Communications

```
┌─────────────────────────┐
│   Managing Director      │
└─────────────────────────┘
            ↕
┌─────────────────────────┐
│ Head of Member Services │
└─────────────────────────┘
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       │  Comms   │
       └──────────┘
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- Annual Report 2003 published

- RIPE NCC Member Update

- RIPE and General meeting support

- Website Overhaul on track

- Gearing up for Information Services

- Membership Growth Survey

- General Documentation Support for all Groups

- ASO / NRO Secretariat Support

RIR Co-ordination

- Welcome to AfriNIC, APNIC, ARIN & LACNIC staff

- AfriNIC

  – African allocations from 196.200/13

  – Hosted 2 Hostmasters

  – Will attend AfriNIC I meeting in May

- RIR Staff Exchange

- Joint presentations at industry events

Other Co-ordination

- **World Summit on the Information Society**

  – RIRs, ISOC, IETF, CENTR, …

- **IPv6 Task Force**

  – Difficult History

  – Agreement on the way about IPv6 Worldview

- **ICANN**

  – Signed Letter of Intent between NRO and ICANN

  – To perform ICANN ASO function

- **NRO**

  – Engineering Co-ordination Group

  – Communication Co-ordination Group

New Projects

**Managing Director**

CTO

NP
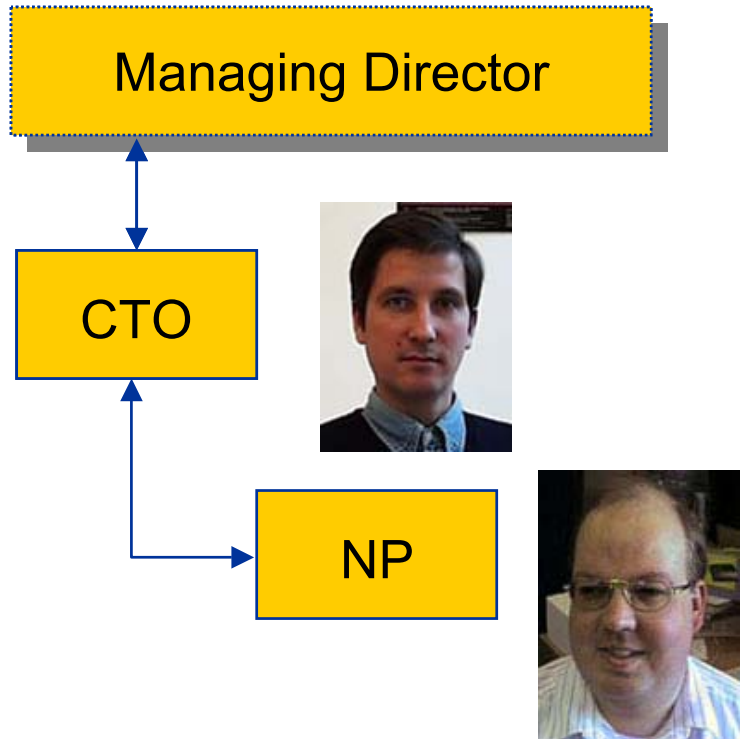
- DNSMON
  - To be moved into production service
  - Draft Service Level Agreement
    - For discussion at CENTR meeting June
- De-Bogonising new address space
  - Experiment with new 84/8 alloc done, testing 85/8 … 88/8
  - Identified large number of sites filtering
    - Could be fixed before causing problems
    - Positive feedback from operators with earlier problems
- Responsibility for Services goes to Operations and Software groups
- Re-focus of New Projects on Data Analysis & Prototyping New Services

Software Engineering

Managing Director

CTO

sed
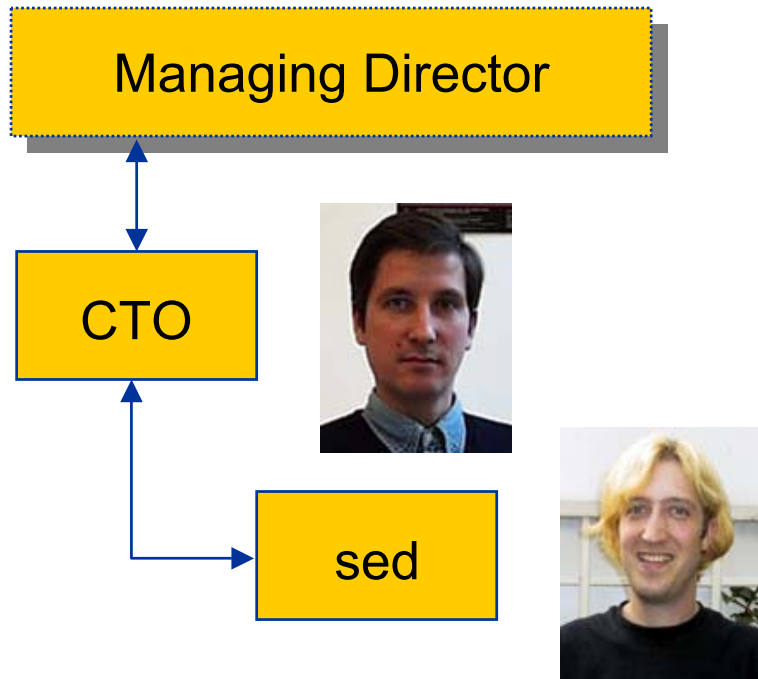
- Organisation Object Type
  - Easy way of mapping resources
  - May be linked to any object type
  - Initial organisations: IANA, RIR, LIR
- X.509 support
  - Update mechanisms updated
    - E-Mail supports S/MIME
    - Webupdates / Syncupdates support client SSL certificates
- NONE authentication deprecated
- Reverse DNS Overhaul
  - Domain Objects are sole source
  - DNS periodically rebuilt from DB
  - Data clean-up completed
- Integration of Services from New Projects

Operations

Managing Director

CTO

Ops
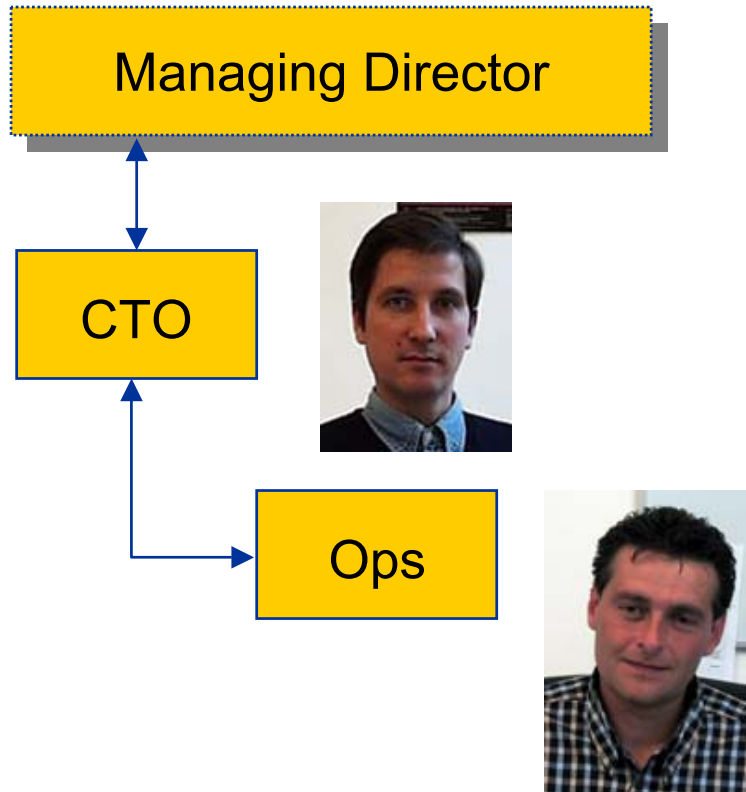
- k rootserver anycast
  - Fourth node deployed in Athens
  - Further deployment planned

- In progress:
  - Integration of Services from New Projects
  - Efficiency improvements (internally)

- Ongoing support for RIPE meetings and related improvements

New Activities

- Ability to react to…

  - Changing environment

  - New requirements of members and other stakeholders

- Will be started only

  - …after thorough needs analysis

  - …with clear project plan, deliverables, budget & timeline

AP2005

- **Membership Growth Survey Results**
  - **Survey findings**
  - **Growth history graph**
- **Items for Inclusion**

Membership Growth Survey

- **17 % of LIR Portal users participated**
  - **825 completed surveys**
  - **Thank You!**
- **High Level Summary**
  - **2004: Members predict similar levels to RIPE NCC, in the range of 3352 to 4309.**
  - **2005: More optimistic view**
    - **Growth 7-8%**
    - **Peaking in Russia and Middle East, about 12%**
  - **Cautious predictions from Eastern Europe**
- **Full Results at:**
  http://www.ripe.net/mem-services/growth-survey/

Historic Growth Trends

- **Long Term**

Top Ten Countries LIR History
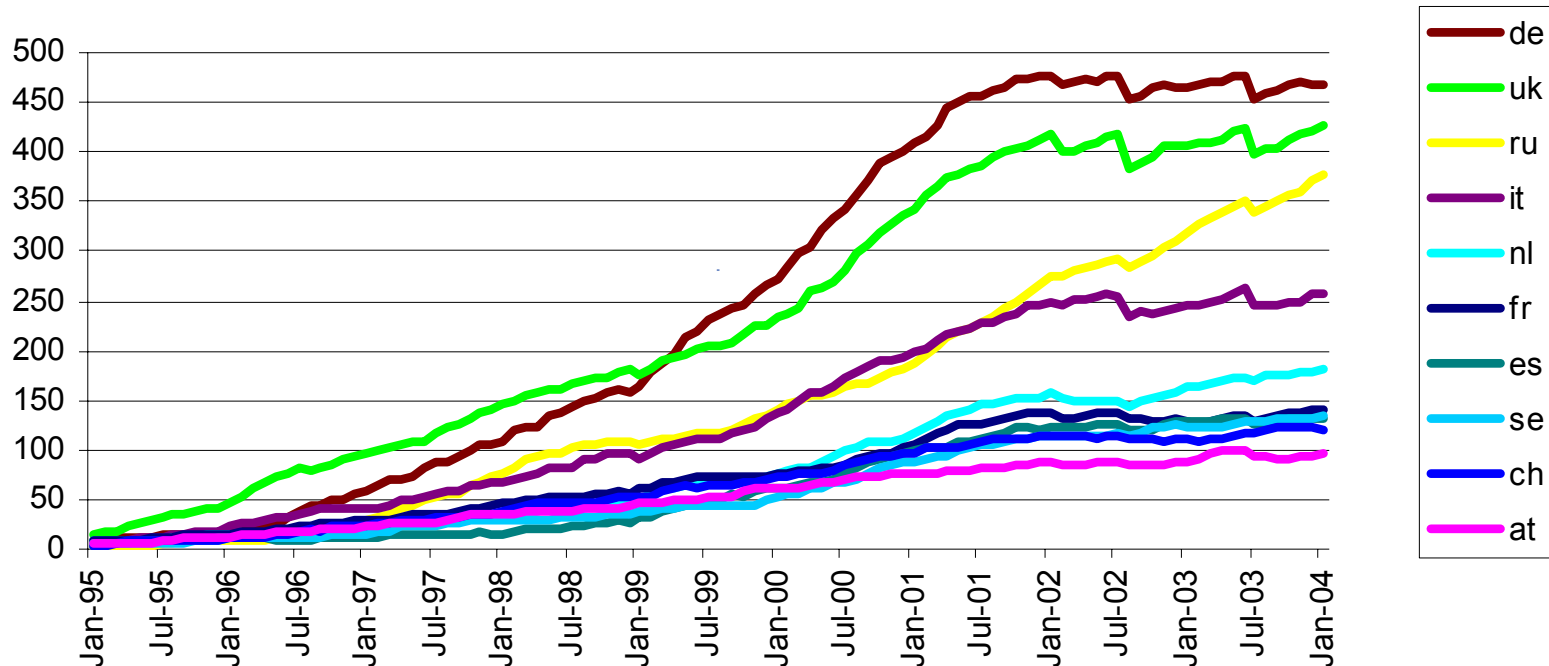
New(ish) Items for AP2005
(on top of current services development)

- **Help Desk**
  - **Regular Call In Support for all RIPE NCC Services**
- **Membership Survey**
  - **Follow-up to 2002 Membership Survey**
- **Training and Outreach**
  - **Broader audience, Link to Information Services**
- **DNSMON**
  - **Becoming a regular service**
- **CRISP**
  - **Significant Engineering Effort & IETF Activity**
- **K root anycast**
  - **Next Stage Global Nodes**
- **Secure Membership Communication**
  - **Next Stage**
- **…**

Questions and Answers