

RIPE NCC Update

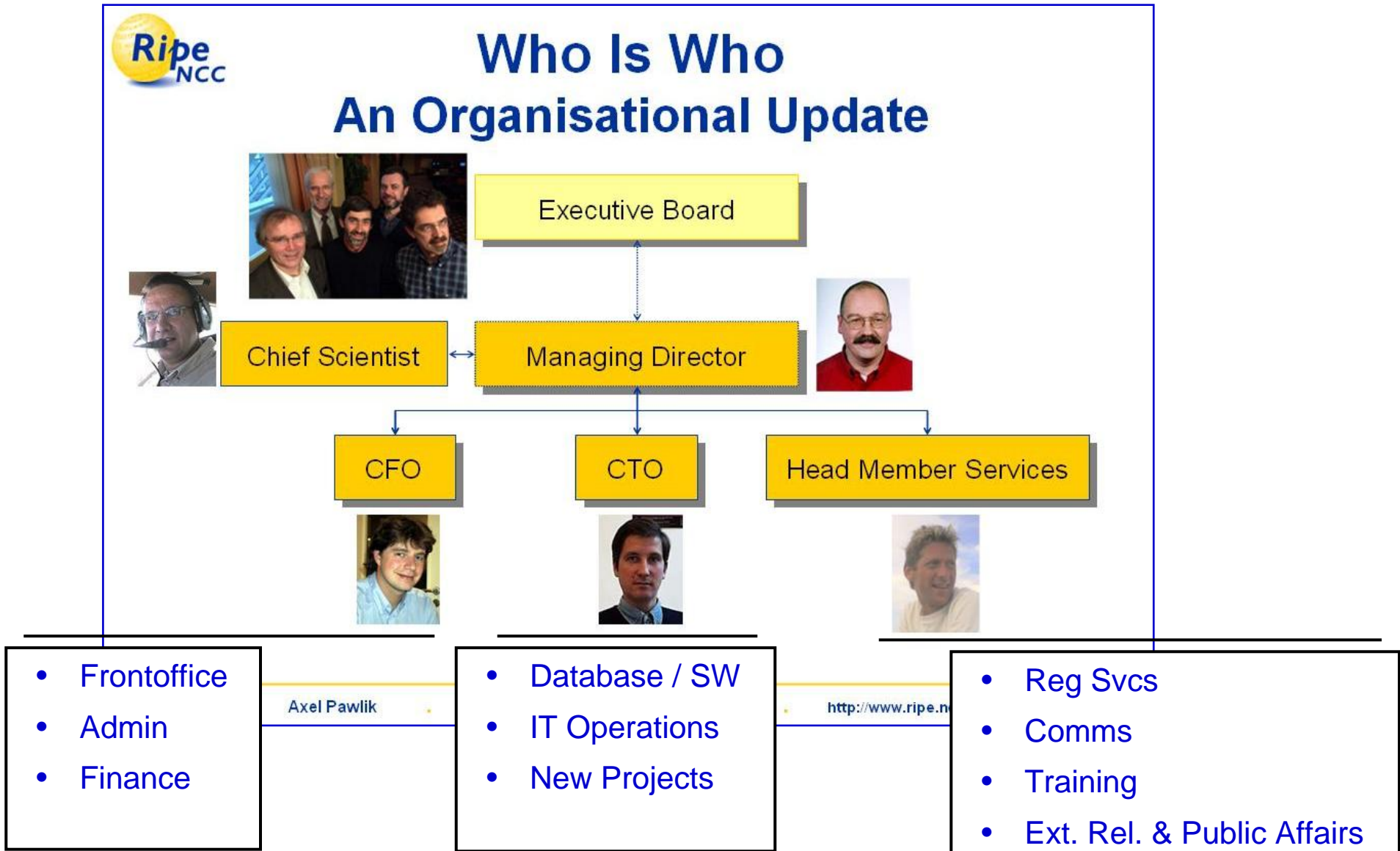


Wilfried's Who is Who, ehm, Where...

- Shane Kerr, SW Manager, gone
- Ruud de Kooter, Ops Manager, gone
- Brian Riddle, Ops Manager, joined
- Roland Perry, Public Affairs Officer, joined
- www.ripe.net/info/ncc/staff/index.html



Stewards of Stability and Continuity

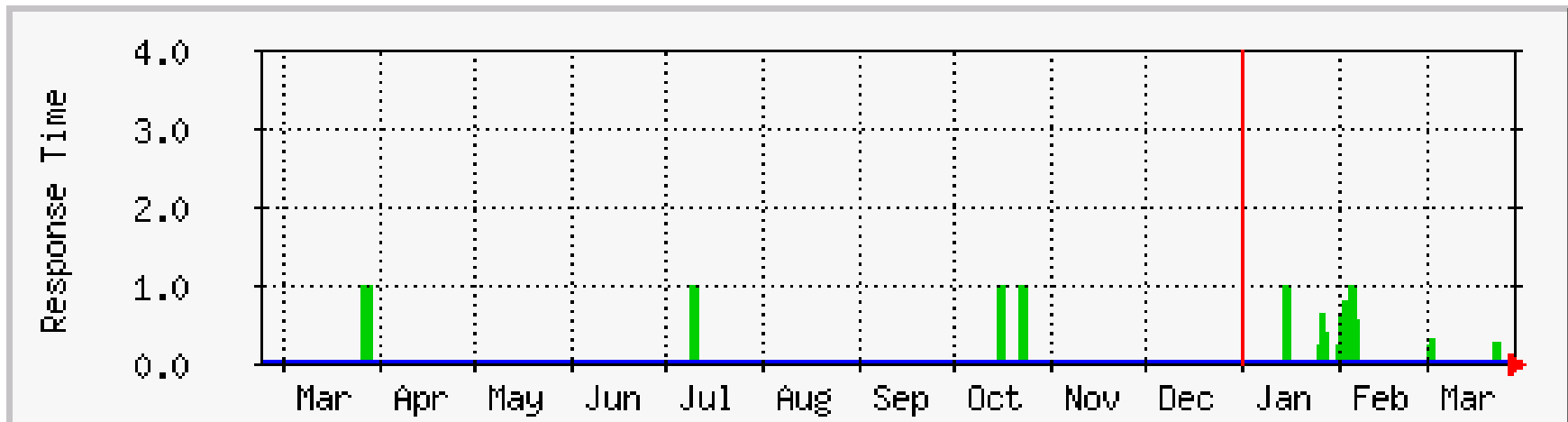


Documentation Updates

- IPv4 Policy Document
 - Updated following policy changes
- Request forms
 - Clearer layout
 - Clearer supporting notes
 - Text (e-mail) and web (LIR Portal) versions
- Completed updates
 - AS Number Assignment
 - IPv4 PI Assignment
 - IPv4 1st Allocation
 - IPv4 Additional Allocation
- Scheduled Updates
 - IPv6 1st Allocation
 - IPv6 IXP Assignment
 - IPv6 End User Assignment
 - ENUM

Registration Service

- Stable service throughout 2005
- Audit process updated for 2006
 - Lightweight process
 - More LIRs to be audited



Policy Development Officer

- Increased support for RIPE's open Policy Development Process
 - Support to proposers
 - Assistance with drafting text
 - Coordination with WG chairs





Training

- Training course material totally revised
 - Rewritten LIR and RR courses
 - New: DNS for LIRs

- Outreach activities
 - Reaching out to other audiences
 - Piggy-backing onto third party events
 - RIR coordination



RIPE NCC E-Learning Centre

- “Learning in your own space and at your own pace!”
- Available now
 - “Using the Whois Database”
- Under development
 - “Policy Development Process” (April 2006)
 - “Advanced Database” (Q3 2006)
 - “DNS for LIRs” (Q3 2006)



<http://e-learning.ripe.net>

Systems Upgrades

- PABX replaced by VoIP solution
 - One-to-one replacement completed
 - Preparing SIP server integration
- Network Upgrades
 - Layer 2 equipment exchanged
- Ticketing system replacement
 - Prototyping phase
 - Integration planning
 - Re-evaluating requirements



Old and New...

- DNSSEC
 - Project has been wrapped up
- Membership Contract Re-Signing
 - Finished with very few losses
- Hostcount++
 - Beta deployed based on RIPE 51 discussions
 - See Andrei's presentation in a few minutes
- Whois & Data Protection
 - See Andrei's "DB Update" in DB WG
- K root anycasting
 - See effects study presented by Lorenzo

Communications

- Publications

- Annual Report 2005

<http://www.ripe.net/ripe/draft-documents/gm-april2006/annual-report-2005.pdf>

- Financial Report 2005

<http://www.ripe.net/ripe/draft-documents/gm-april2006/financial-report-2005.pdf>

- Member Update #9

<http://www.ripe.net/membership/newsletter.pdf>

- 2005 RIPE NCC Membership Survey

- Feedback incorporated in Activity Plans 2006/2007

- ripe-365, www.ripe.net/ripe/docs/ap.html

- WSIS

- Coordination of Internet Pavilion at WSIS

And what became of... WSIS?

- Tumultuous Tunis
- Present in full force
- Outcome of Summit
 - No immediate operational impact on Internet organisations.
 - Recognition of (also) our Governance mechanisms.
- But...
 - Everybody is happy with the outcome...
 - Some issues never die...
 - Very hard to get equal standing for “Internet Community” equal to other stakeholders.
 - Enhanced Cooperation?



On the Way to Greece - WGIG Redux?

- WSIS called for Internet Governance Forum (IGF) to
 - Affect international public policy
 - Advance development
 - Create discussion forum for all stakeholders on equal footing
 - Not to affect operations, or take over issues from other fora
- To meet 28 October - 2 November, Athens
 - Chaired by Nitin Desai (chair WGIG)
 - Geneva Secretariat (lead by Markus Kummer)
- Program Committee -> Advisory Group
 - 20/10/10 composition from governments, private sector, civil society
 - To be appointed by UNSG
- Not to be governed by UN procedures

Membership Liaison & “Enhanced Cooperation”

- RIPE NCC Regional Meetings
 - Qatar, 17/18 January 2006
 - Russia (Sep) & Bahrain (Nov) being planned

- Roundtable for Governments & Regulators
 - Third Roundtable meeting
 - Amsterdam, 7 February 2006
 - Governments @ RIPE 52
 - Plans for meetings in Russia & Gulf Region

Summary

- Service focus:
Make use of improved systems as they become available
- Engineering focus: Mostly Internal
- Communications and Coordination focus:
“Enhanced Cooperation”: Outreach, IGF



Questions so far?

RIPE NCC and Resource Certification





What

- Easily verifiable assertions
 - Identity: “RIPE NCC knows this party.”
 - Resource Allocation: “RIPE NCC has allocated this resource to this party.”
 - Based on PKI
 - for technicalities see other presentations



Why

- Improve stability of the Internet
- Assertion validation procedure
 - Identity
 - Resource allocation
- Strengthen relationship between RIPE NCC & its members
- High(er) quality of allocation data
- Helpful to ensure routing security
 - Check route injection authority
 - Automate trust relationship



How / Open Issues

- Is resource certification mandatory?
- Identity certification
 - Acceptance of third party certificates
- Cost of certification
 - Members
 - Non-members
- Will certificates be used by third parties?
 - I don't know...
- Expiration handling
- Revocation
- Inter-RIR coordination
 - There Must Be Compatibility!



Next Steps

- Start discussion on RIPE NCC Services WG mailing list
 - General objectives
 - Open issues
- RIR coordination
- RIPE 53
 - Present implementation plans / reports based on discussions
 - Technical Implementation
 - Prototype / Pilot
 - Membership relations
 - Third party relations

Certiably Crazy... ?

