20 Years of the RIPE NCC: Where Are We Today?

Nigel Titley, Chairman of the RIPE NCC Executive Board
20 Years Serving the RIPE NCC Membership

- Began operations in April 1992
- 100 members in 1994 to over 8,000 in 2012
- Initially set up as:
  - Network Coordination Centre for RIPE
  - The first Regional Internet Registry (RIR)

- Still performing these functions, and many others, today…
Strong Registry

- Allocation of Internet number resources (IPv4, IPv6, ASNs)
- Accurate registration of Internet number resource data in the service region
- Maintain the RIPE Database
- Extremely important functions

- But, more than just a registry…
Coordination Activities

- K-root
- ENUM
- Supporting the RIPE PDP
- Training Courses
- RIPE Meetings
- Regional support
- Defending the bottom-up, self-regulation model with governments, regulators, law enforcement
Representing the Members’ Interests

- Defending the bottom-up, self-regulation model with governments, regulators, law enforcement
  - WSIS (2003-2005)
  - IGF (2006-present)
  - OECD (2007-present)
  - WCIT (2012)

- Coordinate with other industry bodies

- RIRs, ICANN, IANA, IETF, IAB, ISOC, etc.
What Are the Important Issues Today?

• Many of the same issues there have always been:
  - Strong registry
  - Accurate data
  - Legacy address space
  - Coordinating technical community for the good of the Internet
What Are the Important Issues Today?

- But we live in a changing world…
- IPv4 run-out and IPv6 adoption
- Increased interest in the Internet
- Certification
- Providing statistical information about the Internet that is operationally useful for our members
How Are We Meeting These Challenges?

- Increased audit activity
- Establishing contractual relationships
- Increased regional support
- Outreach (Roundtable Meetings for governments and LEAs)
How Are We Meeting These Challenges?

- Increased monitoring and reporting on remaining pool of IPv4 address space
- Closely aligning Activity Plan and Budget, setting up Charging Scheme Task Force
- IPv6 stuff *ad nauseum*
How Are We Meeting These Challenges?

• Developing RIPE NCC information services:
  - RIPEstat – Providing information on specific Internet number resources
  - RIPE Atlas – Measuring the state of the Internet and allowing user-defined measurements
  - RIPE Labs – Presenting innovative Internet tools and ideas
  - LIR Portal – Letting you manage your registry data and make queries and updates
By the Members, For the Members

• The RIPE NCC membership has made the organisation what it is today

• The RIPE NCC needs to hear from its members:
  - RIPE NCC Membership and Stakeholder Survey
  - General Meetings
  - Contributing to events (just like this one!)
By the Members, For the Members

- The knobs you can twiddle
  - Board Elections
  - RIPE NCC Activity Plan
  - Budget
  - Charging Scheme
By the Members, For the Members

• What we have to avoid
  - Activities that serve no purpose
  - Activities that the members don't want

• What we must guard against
  - Creeping features
  - Self preservation
  - Empire building
The Executive Board

- Elected by the Members
- Neutral, impartial, know the Internet
- Balancing Act
  - Financial Viability
  - Good for the Internet
  - Good for the members
  - Good for the staff
The Executive Board

• Need your input
• Collar us in the corridors, by the coffee point, at lunch, in the bar
• We *listen*
  – To members
  – To the community
  – To the staff
Meet the Executive Board BoF

- Join us for an informal breakfast to discuss the RIPE NCC and its services

- Tuesday 17 April, 08:00 – 09:00, The Blue Room
And Finally…