Technical Community - Working Together
About the RIPE NCC

• Not-for-profit membership organisation operating since 1992 as one of the five Regional Internet Registries
  - Managing the distribution and registration of Internet number resources
  - Nearly 15,000 members across Europe, the Middle East and Central Asia

• Serving the open RIPE community and supporting the coordination of Internet operations
  - Facilitating open, inclusive community dialogue
The Internet back then...

Internet Monthly Report  December 1994

IETF Connectivity Working Group Session - Milan Sterba

Czech Republic – Jan reported that the link that was established for the INET Conference in Prague last June is still in place. There is also a 128kps line in Vienna–Prague on the EBONE. The Czech Republic connection has significantly improved since the last RIPE meeting.

Slovakia – Last April/May two lines were upgraded to 64kps from Prague.
RIPE NCC and the Czech Republic

- First Czech member joined September 1995
- Three RIPE Meetings have been held in Prague (RIPE 14, 40, 60)
- Now 394 Czech LIRs
  - 56 of those are present at NIX.CZ
  - CZ the 10th largest country in terms of RIPE NCC membership
Who are our Czech members?

• Not just ISPs!

- Half of CZ LIRs are enterprises, industries, government or other specific (non-ISP/telco) sectors
What does this mean?

• Our “traditional” membership is changing
  - Nearly half CZ LIRs activated after we hit the last /8 of IPv4
  - Community policy development has changed, and the kinds of organisations joining has changed

• How do we address needs of new kinds of members?
  - And how will those new members affect the direction of the RIPE NCC or RIPE community?
  - How will they affect your local technical community?
Key moment in Internet history

• The IANA stewardship transition is done!
  - We, the global Internet community, are now responsible for these core functions
  - We no longer have US stewardship as an excuse!

• Accountability of all Internet organisations is a hot topic

• Is our work in ICANN done? No
Post transition ICANN

- The ICANN CCWG-Accountability (Work Stream 2)
- SOAC subgroup - looking into decision making of Supporting Organisations(SO) and Advisory Committees(AC)
- We made clear that the review is limited to the ASO role in ICANN - not the numbers community
- RIPE and the larger technical community need to be in control of their accountability and what that means for us
- Governments/LEAS - looking into the accountability of IP WHOIS (RIPE Database)
- RIPE Accountability Task Force - formed at RIPE 73
Key moment in Internet history

• A changing RIPE NCC membership means a changing Internet

• The Internet governance landscape is changing too!
  - Security issues are in the spotlight like never before
  - A shift in focus on local regulation and legislation
  - The IoT is presenting new challenges to operators, regulators, law enforcement, users
IoT - business as usual?

• “Nothing New”… well kind of
  - Centred around communications between machines and things - not so much humans

• A chance for progress and innovation

• A risk to infrastructure and society in general
  - We need to get this right the first time around - no easy way back
  - Time critical services set high demand for round trip times - infrastructure must be smooth and uninterrupted (IXPs)
  - We are moving closer to regulation - we need to meet the demands as a community to sustain bottom-up model
Working with all stakeholders

• Building working relationships with all stakeholders is vital

- Enterprise, media operators, financial institutions, infrastructure providers, government: all are now players in the Internet!

- The RIPE NCC counts the Czech government as an important player in venues such as the ITU, the EU and UN forums

- Technical Community needs to own the debate on issues central to their business
Strong community

• Building local communities is key

- The Czech technical community (and pioneers like Jan Gruntorád, Tomáš Maršálek, Milan Sterba…) have been great contributors to the Internet Technical Community - putting Czech Republic on the map

- Seeing a welcome push to coordinate the Slovak technical community: NOGs, Internet governance events, etc. all bring community together

*Need to learn from each other!*
Strong community

• This is a moment for the Internet community (communities!) to work together
  - Influence our governments’ policies
  - defend the bottom-up, open and inclusive self-regulatory structure
  - Autonomy and self governance comes with a price tag!

Happy Birthday NIX.CZ
Questions
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