



RIPE NCC
RIPE NETWORK COORDINATION CENTRE

Technical Community - Working Together

Paul Rendek | 24 November 2016 | NIX.CZ Meeting

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

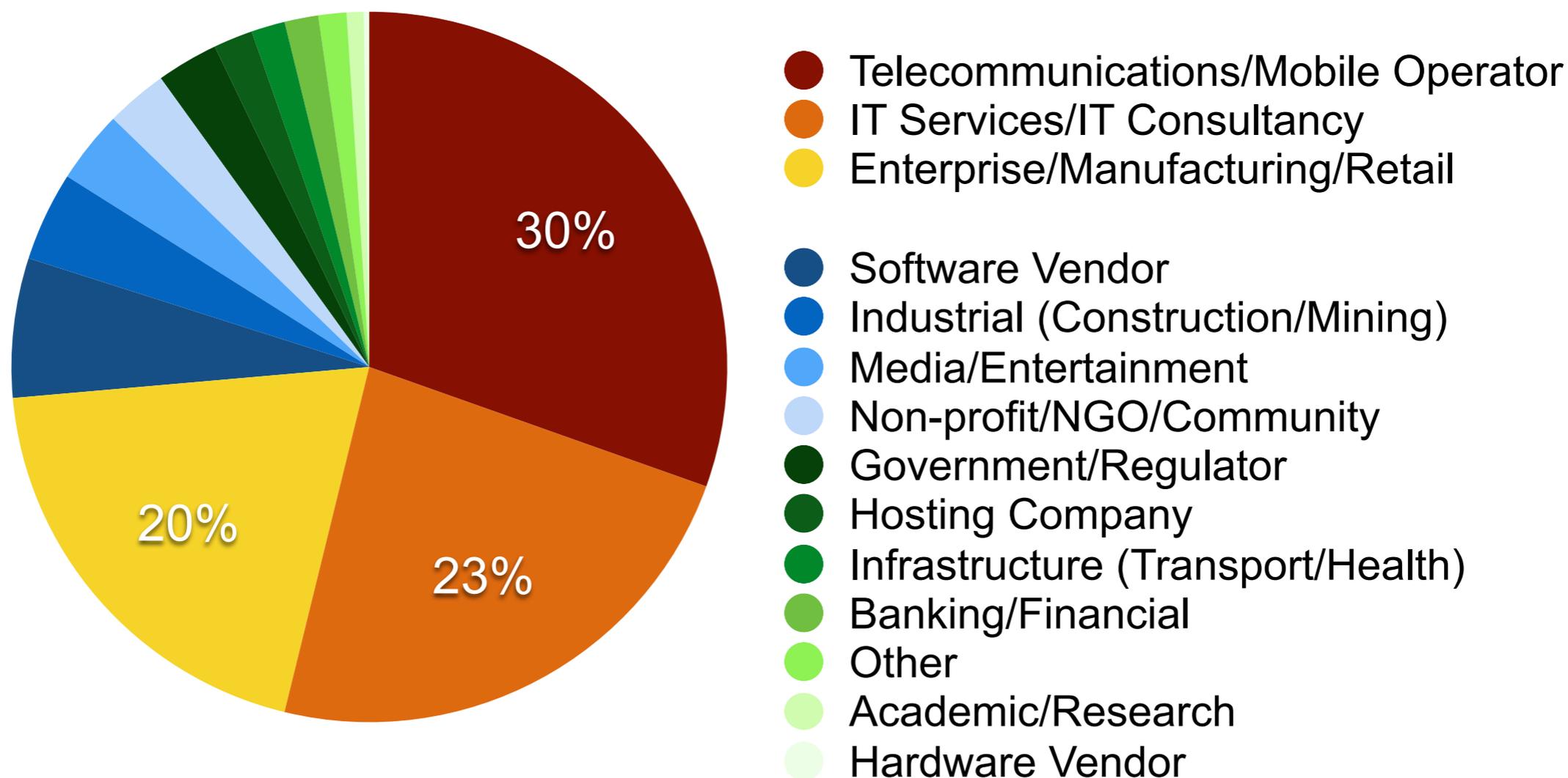
- CZ the 10th largest country in terms of RIPE NCC membership



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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