

Update on RIPE NCC Measurements Activities

MAT Working Group
RIPE63, Vienna, November 2011

Vesna Manojlovic, MCB

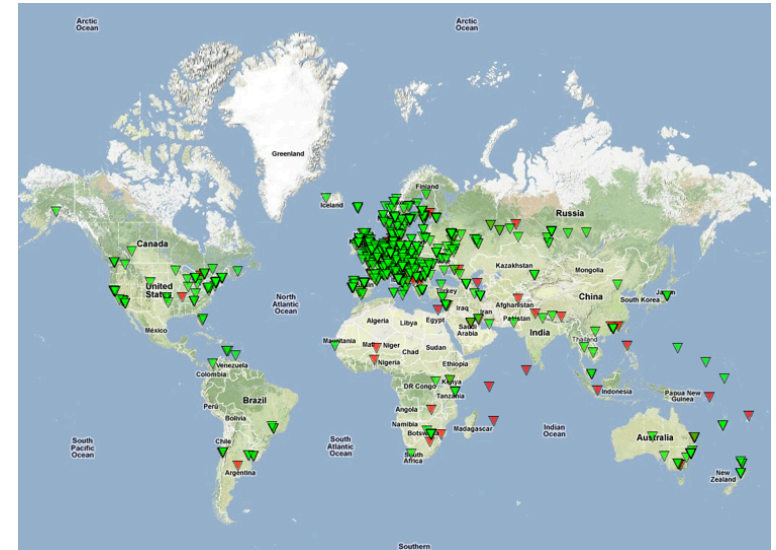


Status report

- Science Division update to NCC-services-WG
 - http://ripe63.ripe.net/presentations/135-RIPENCC_SM_FINAL.pdf
- RIPEstat
 - Continuous development, monthly demos
 - Performance improvements
 - Mobile app for IOS available
- DNSMON
 - Time lag reduced
 - Performance enhanced for everyone
- Back End
 - INRDB
 - Data Store

Status report continued

- RIPE Atlas
 - 850+ active probes
 - New firmware deployed
 - O(100) improvement in capacity
 - More measurement types
 - In process of deploying more maps
- Outlook
 - User defined measurements
 - Better website
 - New host and sponsor documentation



Strategic outlook for 2012

- Consolidating measurement services
 - "Active": TTM, DNSMON, RIPE Atlas
 - "Routing": RIS
- Full benefits of RIPE Atlas
- Unified data storage and analysis
- In the process on agreeing on the goals
- Developing road-map
 - in close co-operation with MAT-WG

Planning “The Future of TTM”

- Contacted all the hosts (active & inactive)
- Got answers in a survey: 39 responses!
- Published results in the RIPE Labs article
 - <https://labs.ripe.net/Members/dfk/ripe-ttm-user-survey-results>
- Met with 20+ hosts on Tuesday
 - received lots of useful feedback
- We will organise a “remote participation” meeting
- Working on evolution plan
 - consolidating with other active measurement services
 - to be finalized by end of 2011

Measurements Community Building



Goal: engaging users in our measurements

- Promoting tools for network operators
 - writing articles and documentation
 - presenting at conferences
- Building the community around tools
 - asking for operators' needs and feedback
 - connecting users & developers
- Bringing feedback back to developers
 - listening on: mailing lists, operators fora, Social Media
 - being user advocates
- Making business case for new tools & services

Who are the “community builders”

- Vesna Manojlovic
 - was a trainer in RIPE NCC for 12+ years
 - presenter / lecturer for 15+
- Ann Barcomb
 - new to RIPE NCC
 - 10 year career in Perl programming
 - MSc International Business
- We are here **in addition** to your regular channels of contacting developers directly

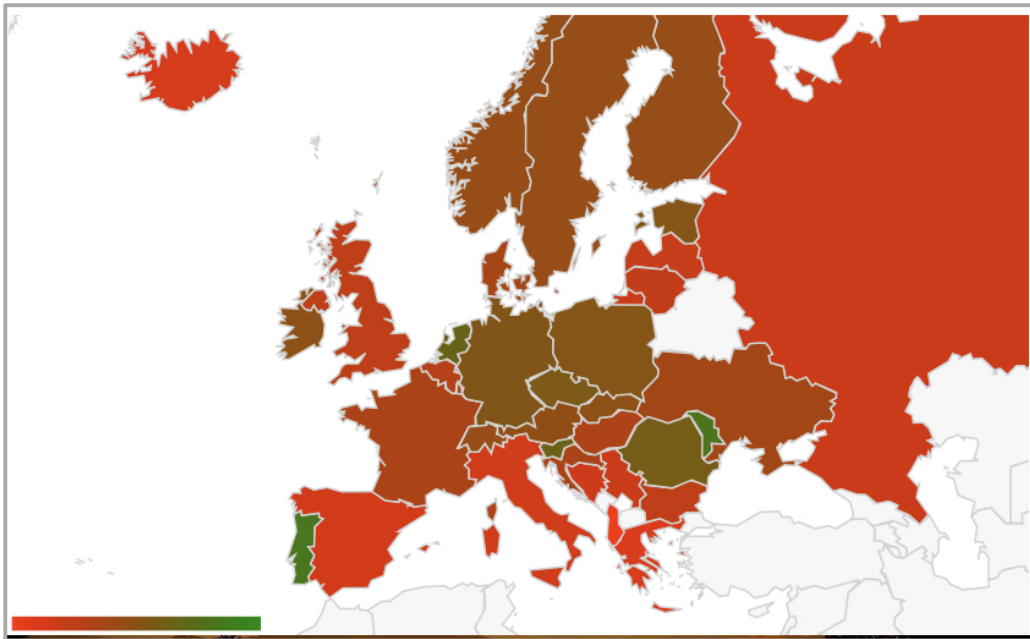
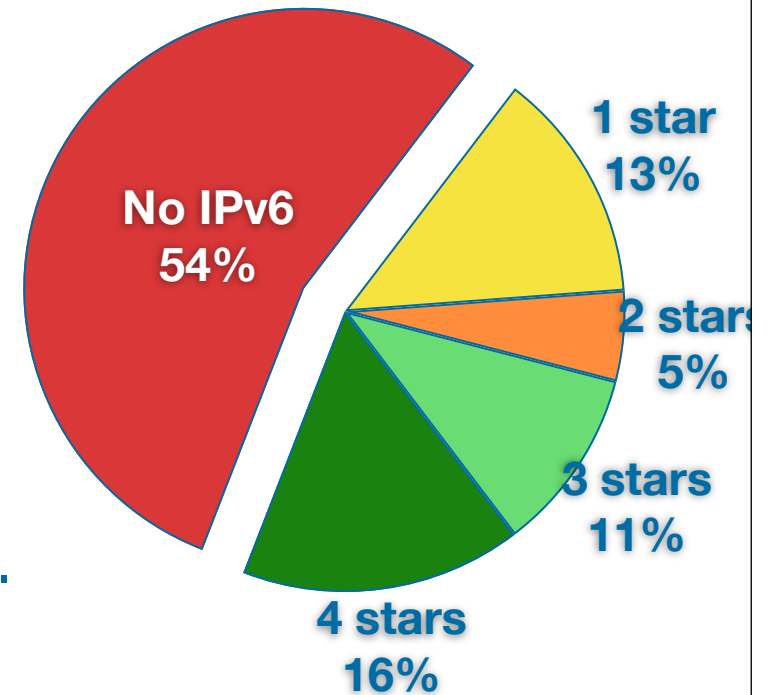


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- Socialising and collecting feedback
- Taking part in Info Booth
- Meetings with: TTM hosts, Atlas hosts & sponsors, IPv6 RIPEness enthusiasts
- Taking part in RIPEstat Live Demo (Monday)
- Presenting at MAT-WG
- Lighting talk on IPv6 RIPEness

IPv6 RIPEness

- Making it a production service
- Future features:
 - co-operation with other RIRs
 - new “stars”
 - more analysis, maps, articles, etc.



We need your participation

- Atlas UDM beta-tester volunteers
- TTM evolution feedback
 - how do you see it integrated with Atlas?
- RIPEstat “use cases”
 - & more visitors at public demo's
- Members on “RIPE Atlas for every LIR” proposal
- Discussion of the roadmap
- mat-wg@ripe.net // RIPE Labs articles comments

Links & additional info

RIPEstat Use Cases video on YouTube

http://www.youtube.com/watch?v=pNUj2EkU_kU

RIPEstat mobile app video on YouTube

<http://www.youtube.com/watch?v=UXq5-W1hBUQ>

Science Division update to NCC-services-WG

http://ripe63.ripe.net/presentations/135-RIPENCC_SM_FINAL.pdf

Atlas evolution plans

<http://ripe63.ripe.net/presentations/126-20111102-atlas-20k.ppt.pdf>

DNS update

http://ripe63.ripe.net/presentations/124-RIPE63_WolfgangNagele_DNS_update.pdf

IPv6 RIPEness Update

<https://labs.ripe.net/Members/becha/ipv6-ripeness-production-updates>

Questions?

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