



RIPE NCC
RIPE NETWORK COORDINATION CENTRE

RIPE NCC Update

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25 Years of the RIPE NCC



- Established in April 1992
- RIPE NCC has grown to become a diverse organisation with almost 16,000 members
- The Internet has grown and interwoven with business and society in ways few could have predicted
- We are still evolving to meet new challenges and best serve our membership
- Thank you all for joining us on our incredible journey

From the Annual Report 2016



- **Main Operational Highlights (end of 2016):**
 - 2,178 additional members in 2016
 - 3,291 /22 IPv4 allocations and 1,878 IPv6 allocations
 - Almost 3,000 RIPE NCC-organised event attendees
 - Over 100 training courses for almost 2,000 participants
 - More than 2,500 ARCs completed in 2016
 - Over 9,200 active RIPE Atlas probes
 - 245 RIPE Atlas anchors (up from 164 in 2015)
 - 1.3 million RIPEstat requests per hour
 - Annual Report: <https://www.ripe.net/publications/docs/ripe-683>

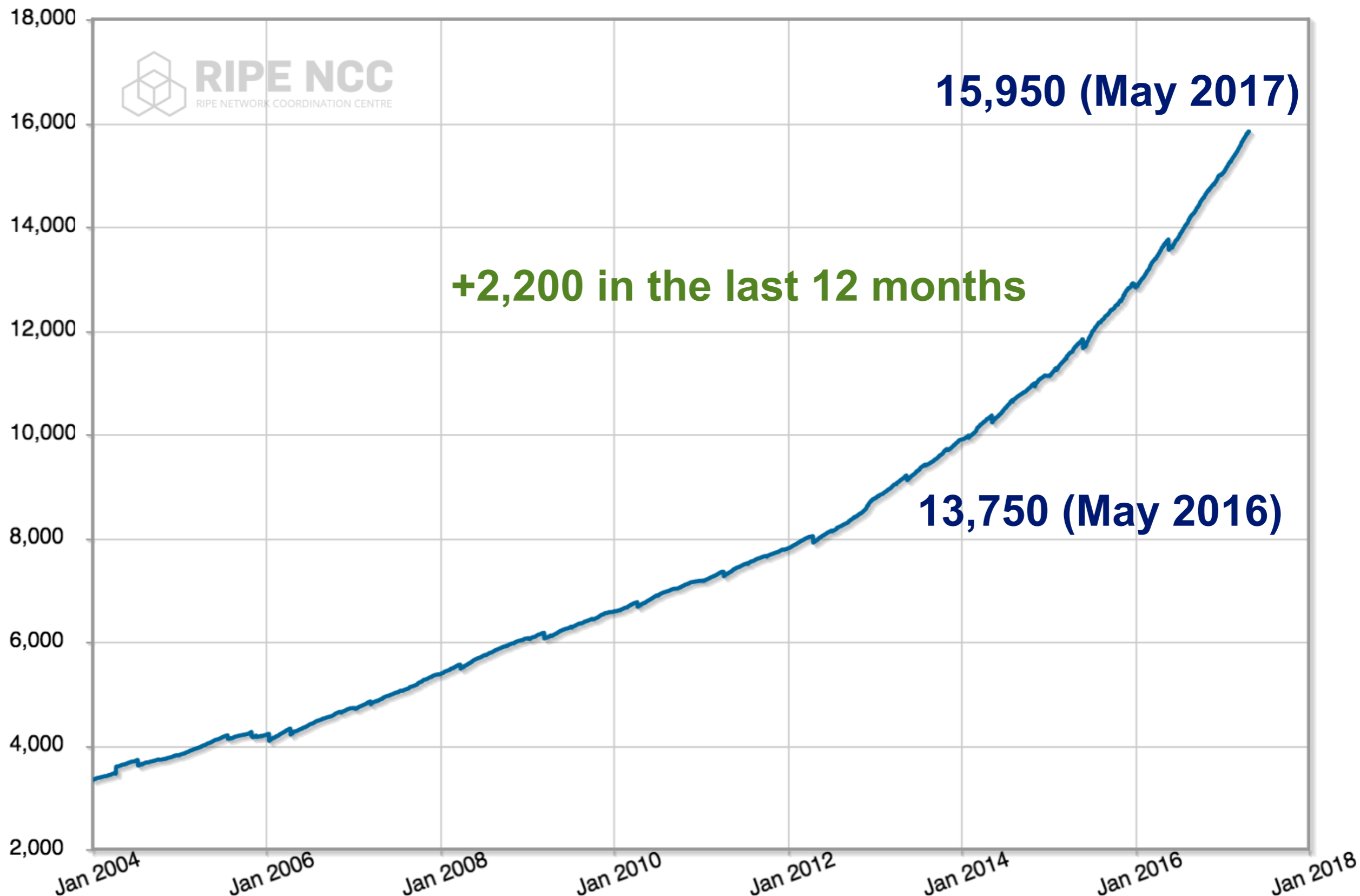
From the Financial Report 2016



- **Financial Overview:**

- Result: a surplus of EUR 325k
- Redistribution of EUR 4.08 million to members
- Reserves are EUR 25 million (108% of total expenses)
- Total expenses were 2% lower than budgeted
- Staff numbers were at 139 FTEs
- Cost per member decreased further (8% lower than 2015)
- The full Financial Report 2016 is available at:
<https://www.ripe.net/financial-report-2016/>

Membership Growth



Our Focus in 2017



- A strong, secure and accurate Registry
- Enhancing RIR stability through good governance and accountability
- Pursuing efficiency through streamlined internal processes and automation
- Engaging with members, the RIPE community, governments and regulators

Further Focus in 2017



- Results of RIPE NCC Survey 2016
 - We identified 40 key findings from the survey report
 - The findings covered services throughout the RIPE NCC
 - Our action plan was published in November 2016
 - Good progress on many of the actions so far
 - The survey results, our action plan and our progress can be found online:
<https://ripe.net/survey2016/>

External Engagement Update



- As a follow up to Maria Häll's presentation during RIPE 73 ...
- More member and government engagements in all parts of our service region
- Additional information gathering, analysis and strategic positioning
- Building stronger and more formal relationships with other stakeholder groups

Good of the Internet Initiatives



- The Rob Blokzijl Foundation
 - Separate entity and board has been established
- Long-term Sustainability of the IETF
 - Our first of ten 100 kEUR contributions has been made
- RIPE NCC Community Projects Fund
 - Groundwork has been completed and we plan to launch the first call for applicants before the end of the year
- Seed Alliance Initiative
 - We plan to revisit our participation in the future

Registration and Customer Services



- IPv6 Milestone
 - Very first subsequent IPv6 allocation issued
- Assisted Registry Check (ARC)
 - Targeting “less active” members
 - Has produced a high result in updated information
- Resource Transfers
 - Continues to constitute a high demand on resources
 - Complex tickets with increased levels of scrutiny

Registration and Customer Services

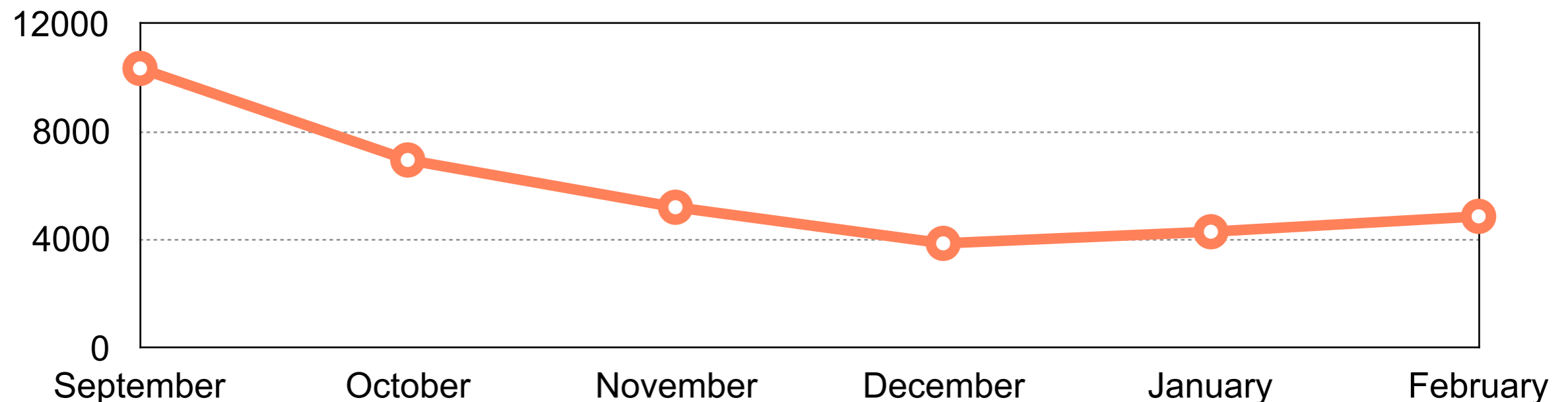


- Hijacks and Investigations
 - Due diligence checks have prevented several high volume unauthorised transfers
 - Following an EB decision, the RIPE NCC actively reports all cases of confirmed fraud to the police
- Continuously focusing on efficiency by improving self-service processes
 - However, a level of human interaction remains crucial
- Maintaining focus on accuracy of the Registry

Improvements: Last Six Months



- New rDNS wizard
 - Has resulted in a significant drop in Reverse DNS errors and associated support calls



- Simpler and more secure LIR User Accounts
 - 35,617 LIR Contacts successfully migrated to secure SSO

Improvements: Next Six Months



- RPKI Validator v3.0
 - Smaller footprint, modular, packaging for common systems
 - Accepts Internet Routing Registry (IRR) sources as (secondary) input
- View and manage “My Resources” in the RIPE Database
 - An overview of all allocations and assignments with usage
 - Find free space, fix lame rDNS and incorrect routes

RIPE Accountability Task Force



- Focus is now shifting from legal entities (RIPE NCC) to communities (RIPE)
- RIPE Accountability Task Force established in October 2016 to:
 - Examine RIPE community structures, documentation and processes
 - Identify where accountability could be improved
 - Publish recommendations to the RIPE community
- Chairs: William Sylvester and Filiz Yilmaz

IANA and ICANN Update



- IANA Numbering Services Review Committee
 - The committee has been established and is active
- Independent Review of the ICANN Address Supporting Organization (ASO)
- CCWG on ICANN accountability Work Stream 2
 1. Supporting Organisations & Advisory Committees accountability
 - Ensuring the CCWG's review on ASO accountability will not go beyond the ASO's role within ICANN
 2. Procedures for Implementation of new ICANN Bylaws
 - Internal ASO procedures for the execution of new ASO powers

Identifier Technology Health Indicators (ITHI)

- The goal is to develop metrics to measure the health of the Internet's unique identifier systems
- The RIRs are jointly developing an initial ITHI strategy and draft metrics for the Internet Number Registry system
- This initial set of metric definitions will be used as a basis for community consultation
- Release of discussion draft to the community for consultation – to be completed Q2 2017
- Final ITHI metrics document release by Q3 2017

Take Part in the General Meeting



- The RIPE NCC has an Executive Board of seven individuals that have been elected by the General Meeting
- Three board seats are up for election today
- There are five candidates for the three seats
- Your elected board will guide the RIPE NCC moving forward
- **Your direction is essential - please vote!**



Questions



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