



RIPE NCC
RIPE NETWORK COORDINATION CENTRE

RIPE NCC Update

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RIPE 76 | Marseille | 16 May 2018

From the Annual Report 2017



- **Operational Highlights (end of 2017):**
 - 2,593 additional members
 - 3,521 /22 IPv4 allocations and 1,833 IPv6 allocations
 - Over 2,000 attendees at RIPE NCC-organised events
 - 98 training courses for 2,114 participants in 55 locations
 - 2,389 ARCs opened
 - 10,198 active RIPE Atlas probes
 - 328 RIPE Atlas anchors (up from 245 in 2016)
 - 2.5 million RIPEstat requests per hour
 - Annual Report: www.ripe.net/publications/docs/ripe-702

From the Financial Report 2017



- **Financial Overview:**

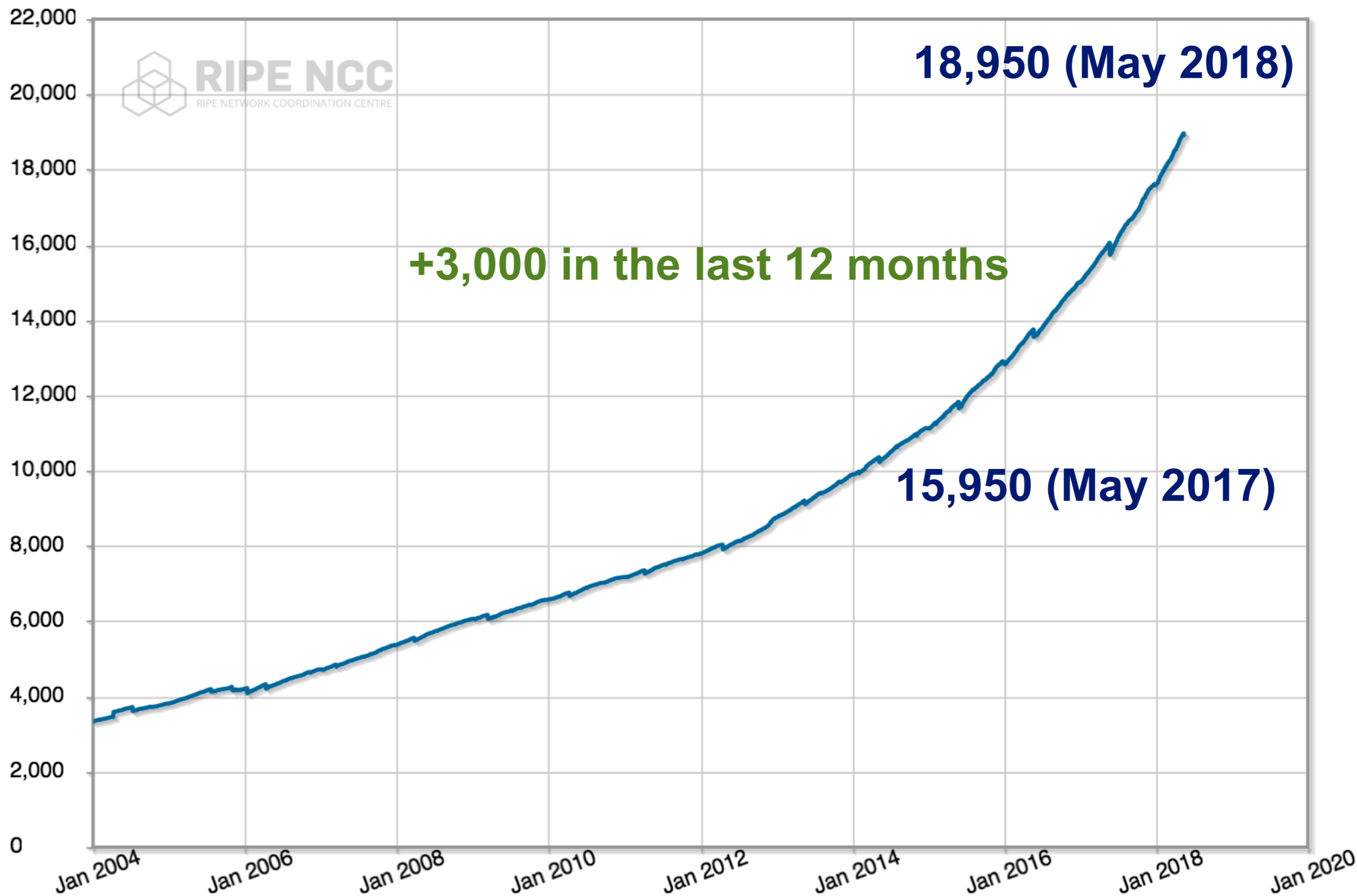
- Total expenses were 2% lower than budgeted
- Redistribution of EUR 6 million to members
- Reserves are EUR 25.21 million (98% of total expenses)
- Staff numbers were at 153 FTEs
- Cost per LIR decreased further (9% lower than 2016)
- Result: a deficit of EUR 173k
- The full Financial Report 2017 is available at:
<https://www.ripe.net/participate/meetings/gm/meetings/may-2018/supporting-documents/financial-report-2017>

RIPE NCC Focus in 2018



- **Registry and RIPE Database** - Rethink our service delivery and ensure accuracy
- **Engagement** - Carry out effective outreach to all stakeholders to stay connected so we can meet the goals of the RIPE NCC
- **The RIR System** - Strengthen the global RIR system and ensure its accountability, transparency and resilience
- **Member Base** - Understand our member base to meet its needs and add value for members

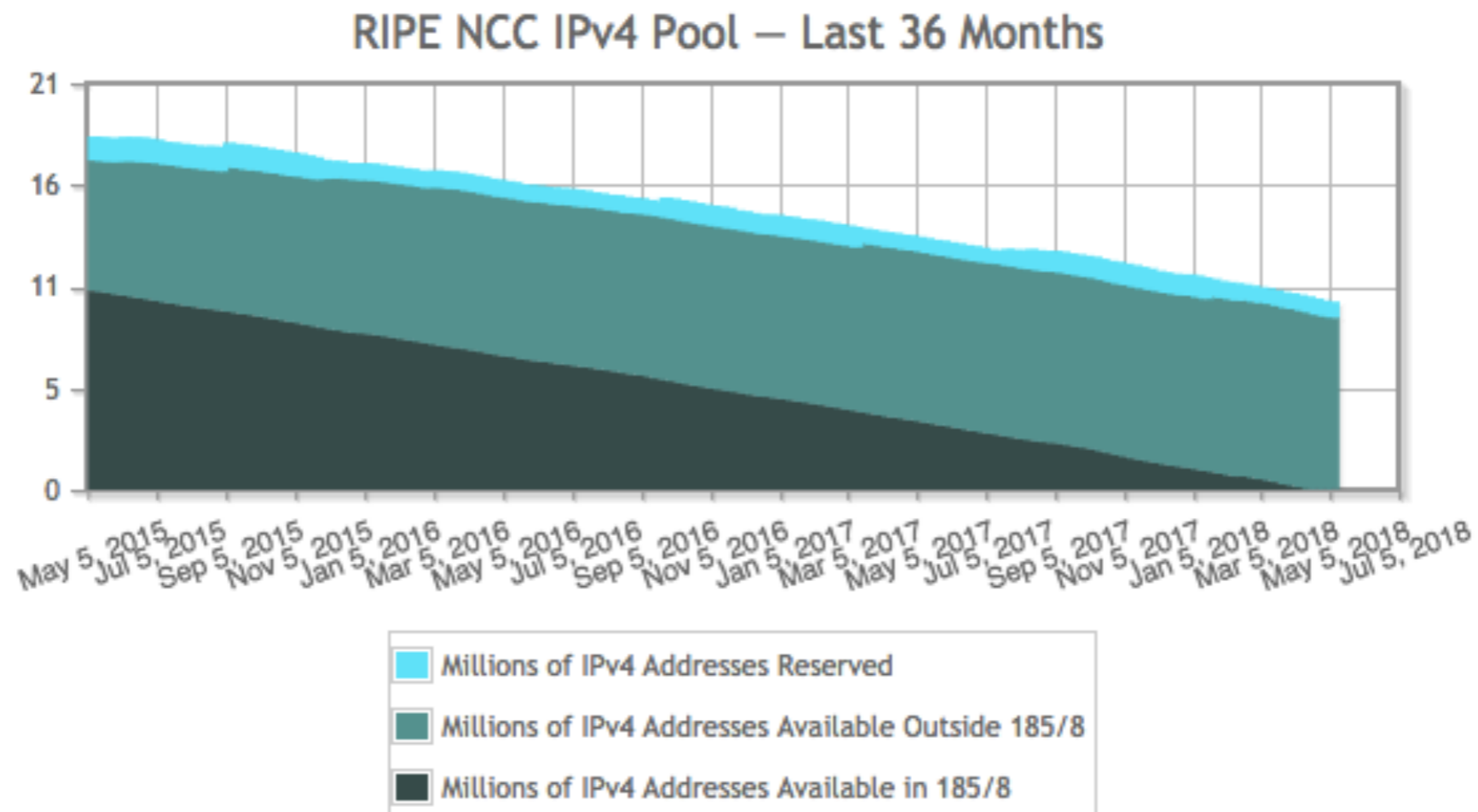
Steady Growth in New LIRs...



...Impacting our IPv4 Pool



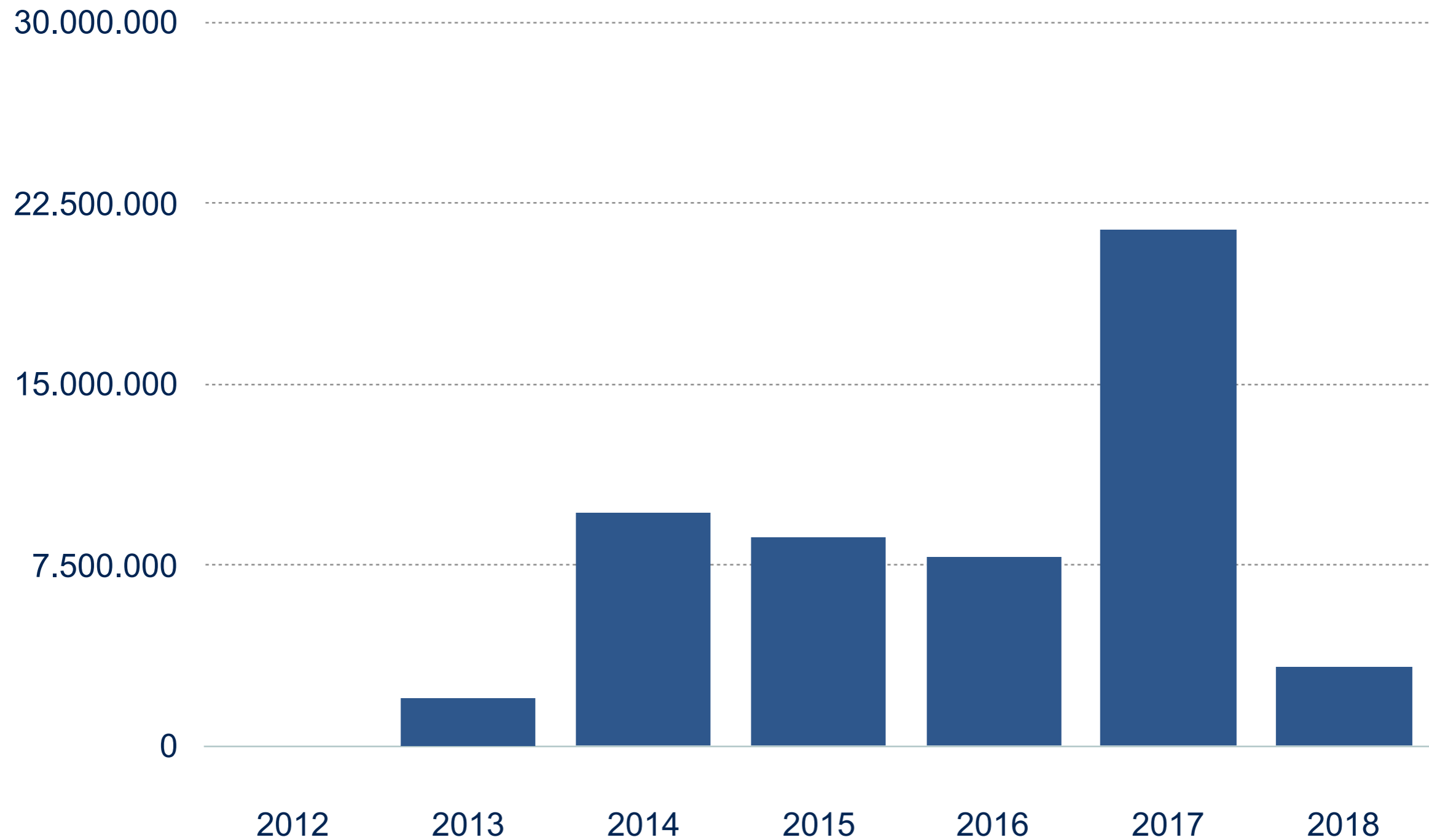
- Membership growth driven by need to obtain IPv4 /22 allocations (1,024 addresses)
- Last /22 from 185/8 recently allocated - we expect remaining IPv4 to last two more years at current rate



21 Million Addresses Transferred in 2017



IPv4 Transfers Within the RIPE NCC Service Region



RIPE NCC::Educa



- One-day “online event” with a series of webinars focusing on a specific topic
- Webinars conducted by RIPE NCC staff and RIPE community members
- Provides support to members who can’t make it to training courses
- RIPE NCC::Educa in April 2018 focused on Routing Security with over 170 participants
- Next event in June 2018 will focus on IPv6

Fellowships and Funding



- RIPE Academic Cooperation Initiative (RACI)
- RIPE, ENOG and MENOG Fellowships
 - Helping people attend and present at RIPE and RIPE NCC Regional Meetings
 - Attendees receive tickets, travel and accommodation
 - All applicants can publish work on RIPE Labs
 - More information is online:
<https://www.ripe.net/participate/ripe/ripe-fellowship>
<https://www.menog.org/menog-fellowship-program/>
<https://www.enog.org/about/fellowship/>



Recent Developments

- New ticketing system rolled out
- RPKI Validator 3.0 (production grade tool)
- Customer experience improvements
 - New and improved RIPE NCC Contact Form
 - Work to align LIR and End User transfers
 - Further work on improving processes
- RIPE Networking App 2.0

Recent Developments



- RIPEstat
 - Historical whois (new widget now available)
- RIPE Atlas
 - Measurement tagging (new feature)
 - New probe hardware (prototypes available)
 - Virtual machine anchors (pilot underway)
- Internet infrastructure geolocation (RIPE IPmap)
- BGP Looking Glass (more efficient)

External Engagement Update



- More member and government engagements in all parts of our service region
- Industry-specific sectors, such as *Banking, Mobile and Academic* sectors
- Government and LEA Roundtable Meetings in various parts of our service region
- Continuing to establish more formalised relationships with various bodies (MoUs)
- Preparations for ITU Plenipotentiary (PP-18) meeting in UAE, Oct. - Nov. 2018

Further Engagement in 2018



- Supporting local communities
 - Engaging throughout our service region
 - Member Lunches in 2018 so far: *Paris, Bishkek, Yerevan, Belgrade, Rome, Yekaterinburg, Prague, Vienna and Munich*
 - More member lunches planned for Q3 and Q4
- Regional Meetings planned for 2018
 - ENOG 15 in Moscow - 4/5 June
 - SEE 7 in Timisoara - 18/19 June
 - RIPE NCC Regional Meeting in Almaty - 25 September

Over 25 NOGs in Our Service Region



Network Operator Groups (NOGs)



- Supporting NOGs through financial assistance, staff attendance and participation
- We have now established a *NOG Operators Mailing List*
- Conducted a NOG Operator survey 2017/2018
- Results will us to help develop “*Setting up a NOG*” guidelines
- NOG organiser meeting was on Tuesday
- NOG Plenary Session - Friday at 09:00

RIPE Accountability Task Force



- A group of community members have been looking at the accountability of RIPE
- The RIPE community has long-established, robust processes and structures
- The review is good housekeeping at a time of increased scrutiny from outside observers
- Important that the RIPE community “owns” the final report
- Accountability Task Force BoF was on Monday

ASO Review: Community Consultation



- Independent review of Address Supporting Organization (ASO) completed in 2017
- Review found that the ASO is one of the better-organised and efficient parts of the ICANN system...
- ...but a decision needs to be made about the structure of the ASO and the role it will play within the post-IANA transition ICANN
- RIRs now consulting with their communities

Good of the Internet Initiatives



- 2018 Rob Blokzijl Award
 - Recipient to be announced at Thursday night dinner!
- Long-term Sustainability of the IETF
 - We continue our 100 kEUR p/a contributions to their fund
- RIPE NCC Community Projects Fund
 - First round took place in 2017
 - 2018 call for applications will go out soon!
 - Presentation with details to follow in this session

2018: Other Activities



- Identifier Technology Health Indicators (ITHI)
- Review period finalised and now looking at implementation details
- This will be agreed by all five RIRs
- First measurements will take place later in 2018

2018: Other Activities



- General Data Protection Regulation (GDPR)
 - Comes into effect on 25 May
- We are very satisfied with our preparation
- We are following the EU's lead but taking a proactive approach
- Comprehensive review of processes and taking action where necessary
- GDPR will be an ongoing process - we will keep you informed of our progress

Staffing Changes



- New CFO - Gwen van Berne
 - She will be presenting the 2017 Financial Report and the proposed 2019 Charging Scheme in the General Meeting
- Andrew de la Haye - COO
 - Will be leaving at the end of May 2018
- Felipe Victolla Silveira
 - Acting as interim COO

Take Part in the General Meeting



- The RIPE NCC has an Executive Board of seven individuals that have been elected by the General Meeting
- Two board seats are up for election today
- There are six candidates for the two seats
- Your elected board will guide the RIPE NCC
- Also several resolutions to vote on today
- **Your participation is essential - please vote!**



Questions



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