

Registry Services and Registry Accuracy

Resources and safety
in post run-out time

RIPE NCC Support Desk

What

Ask staff anything
RIPE NCC-related in  or 

When

Tuesday, 10 Nov during meeting hours

How



SpatialChat

Go to the RIPE NCC Support room



Get Help with RIPE NCC Services

What

A 10 min meeting with
RIPE NCC staff in  or 

When

Thursday 12 and Friday 13 Nov
12:00-13:00 (UTC+1)

How

Send an email to service-desk@ripe.net
to book a **Zoom Meeting**

service-desk@ripe.net



Key Developments



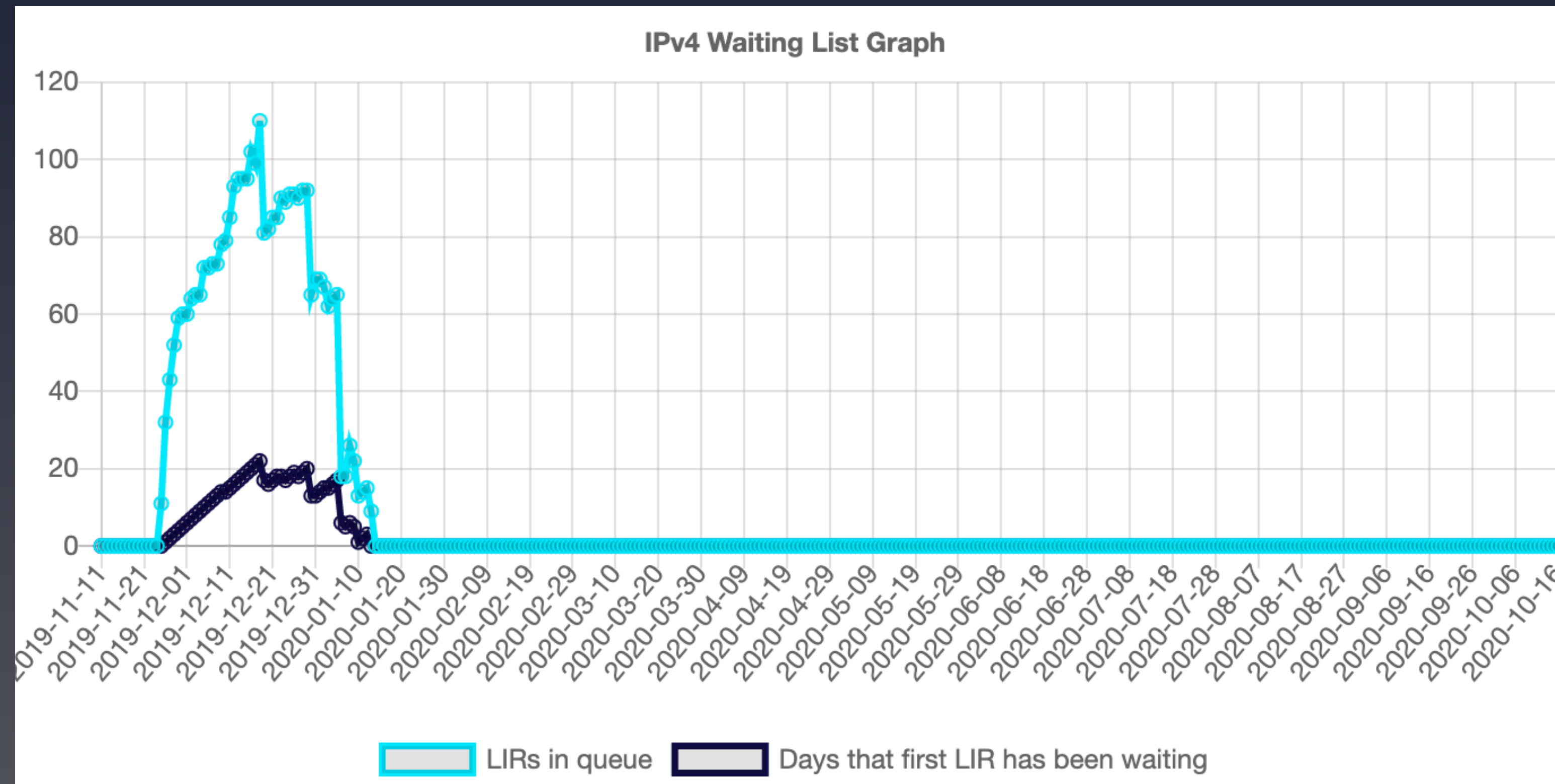
- Transitioned to fully remote working in March
 - Aiming for zero impact on service levels
- Merged Customer Services and Registration Services
 - Aiming to provide a more seamless service
- Post IPv4 run-out

Post IPv4 Run-out



- Almost one year after IPv4 run-out
- On 25 November 2019 the new policy kicked in
 - Each LIR can receive one /24 allocation (256 addresses) from the waiting list
 - Only LIRs that have never received an IPv4 allocation from the RIPE NCC
- Currently the waiting list for returned address space is empty
 - <https://www.ripe.net/ipv4-waiting-list>
- 1337/24s in IPv4 pool

IPv4 Waiting List



<https://www.ripe.net/ipv4-waiting-list>

What It Means for the Community



- Increase of IPv4 transfers and mergers / acquisitions
 - Soon the only way to become a holder of IPv4
 - 24-month holding period
- The dynamics between the RIPE NCC and our members has changed
 - More commercial outlook from some members
 - Increased attempts to acquire control under false presences (hijacking)
 - The challenge of balancing due diligence and bureaucracy

Accuracy of the Registry



- Remains a high priority
- Part of the RIPE NCC mandate:
 - Due Diligence for the Quality of the RIPE NCC Registration Data
 - <https://www.ripe.net/publications/docs/ripe-748>
- Is a result of joint efforts of:
 - The RIPE NCC
 - Resource holders
- The integrity of the registry protects members' resources from misappropriation

Accuracy of the Registry: RIPE NCC



- Streamlined processes by merging CS and RS
- Balance between trust and due diligence / bureaucracy through the usage of a professional trust model
 - Improved workflow for "low-risk" registry updates
 - Deeper checks to protect registry integrity and resource holders
- Active registry monitoring - start implementation early 2021
- Our basic principles:
 - Equal treatment of our members
 - Compliance with the RIPE Policies and RIPE NCC procedures

Accuracy of the Registry: Resource Holders



- Manage your registry data
 - RIPE NCC Access account: keep it updated all the time!
 - Contact and billing details
 - Admin-c
- Timely inform the RIPE NCC about changes
 - Name and legal address change
 - Mergers or acquisitions
 - Transfers
- Be responsive and cooperate with RIPE NCC audit activities

Accuracy of the Registry: Resource Holders



- Before signing an agreement with an End User
 - KYC: Know your customer
 - Is the person signing real?
- Regularly check your End Users
 - Is the company still active?
 - Does this request make sense?
- Ensure you are compliant with the RIPE Policies
- Consider routing security (RPKI)

If You Need More IPv4 Addresses



- IPv4 allocations can be transferred:
 - Between LIRs
 - 24 month holding period after a transfer
- IPv4 Provider Independent (PI) Assignments
 - Between LIRs and End Users
- Based on the current RIPE Resource Transfer Policy
- Inter-RIR transfers now being possible

If You Need More IPv4 Addresses



- Completed transfers published on our website:
 - <https://www.ripe.net/manage-ips-and-asns/resource-transfers-and-mergers/transfers/ipv4/ipv4-transfer-statistics>
- RIPE NCC Transfer History RIPEStat
 - <https://stat.ripe.net/widget/ripe-transfer-history>

Be Aware of the Risks



- “Buying” vs “Renting” of IPv4
- RIPE Policies must be applicable
- Protect yourself!
 - Verify contacts of transferring party
 - Verify if transferring company is active
 - Verify if transferring party is a legitimate holder
 - Verify if resources are eligible for transfer (IPv4 Transfer Statistics)
- We are here to help and to provide guidance
 - Contact us via lir-help@ripe.net

On with IPv6!



- You can receive an IPv6 allocation if:
 - You are a member of the RIPE NCC
 - You can show a plan for making assignments within two years
- The minimum allocation size is a /32
 - Can be extended up to a /29 without additional justification
 - More addresses can be allocated when justified
- Non-members can request an IPv6 Provider Independent (PI) assignment

Get Involved



- Participation from the ENOG region is appreciated
- Policy Development (RIPE community)
 - To define rules for IPv4, IPv6 and AS Numbers and more
 - Via Working Groups
 - Open to everyone, participation is done via mailing lists
- General Meeting (RIPE NCC membership)
 - Operations and activities of the RIPE NCC
 - Twice a year adjacent to the RIPE Meetings

Get Involved



- RIPE NCC Survey
- RIPE NCC Survey 2019 - Key Findings and Proposed Actions
 - 4000 responses
 - 36 findings
 - <https://www.ripe.net/participate/member-support/surveys/ripe-ncc-survey-2019/key-findings-and-proposed-actions>



Questions

