Policy Experience Report

John Sweeting

Senior Director, Registration Services

Purpose

Provide feedback on Number Resource Policy Manual (NRPM) policies

- **Policies that may not be working as expected**
- **Gaps, discrepancies, etc. in policy**
- **Customer feedback**
- **Ideas for potential new policies**

The community must ultimately decide what to do

- **Propose change/removal of an existing policy**
- **Propose a new policy**
- **Leave policy as-is**

Policies Reviewed

4.4. Micro-allocation/6.10.1 Micro-allocations for Critical Infrastructure

3.2. Distributed Information Server Use Requirements

4.1.8 Unmet Requests/Waiting List

IPv4/IPv6 IX Micro-allocations

4.4. Micro-allocation

- Exchange point operators must provide justification for the allocation, including: connection policy, location, other participants **(minimum of three total)**, ASN, and contact information.

6.10.1 Micro-allocations for Critical Infrastructure

- Exchange point operators must provide justification for the allocation, including: connection policy, location, other participants **(minimum of two total)** , ASN, and contact information.

IPv4/IPv6 IX Micro-allocations

Bug or feature?

RWhois Requirements

3.2. Distributed Information Server Use Requirements

- The distributed information service **must be operational 24 hours a day, 7 days a week** to both the general public and ARIN staff. The service is allowed reasonable downtime for server maintenance according to generally accepted community standards.

RWhois Stats

RWhois Server Down
600
79%

762 Org IDs With RWhois

RWhois Server Up
162
21%
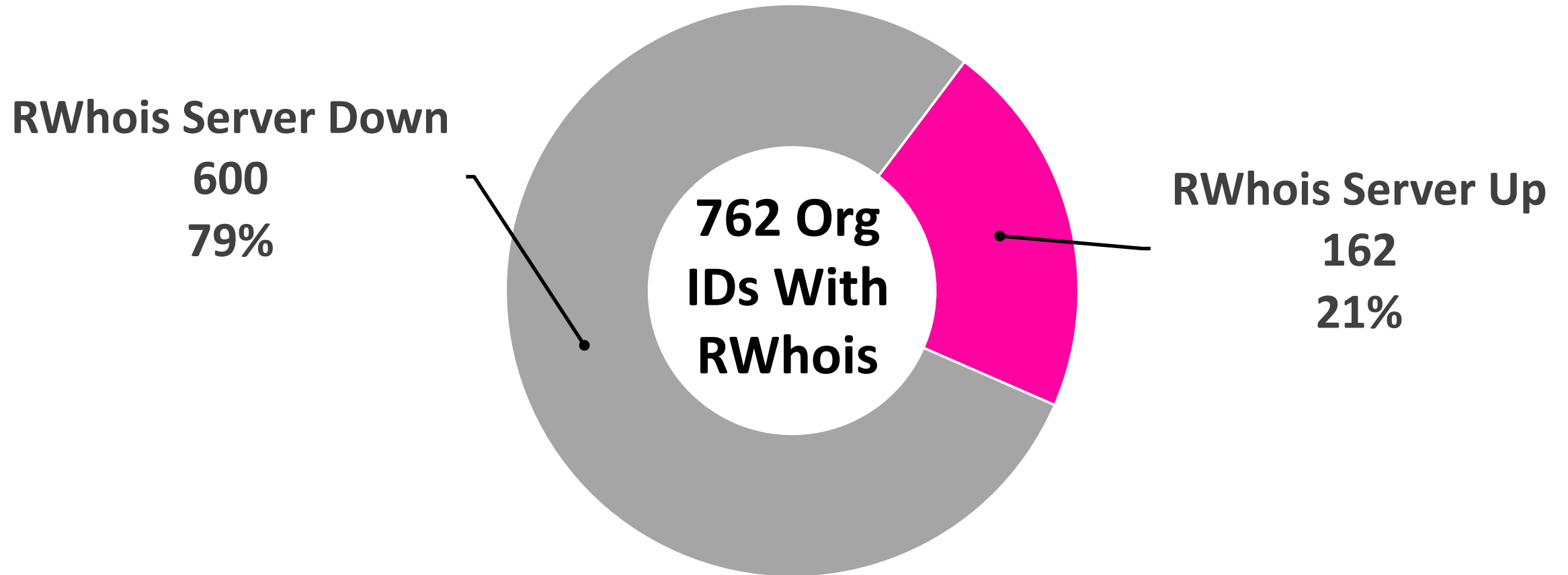
RWhois Requirements

Historically, getting more IPv4 addresses was the enforcement method

Policy does not specify any enforcement mechanism for not meeting the uptime requirement

Several enforcement mechanism have been proposed
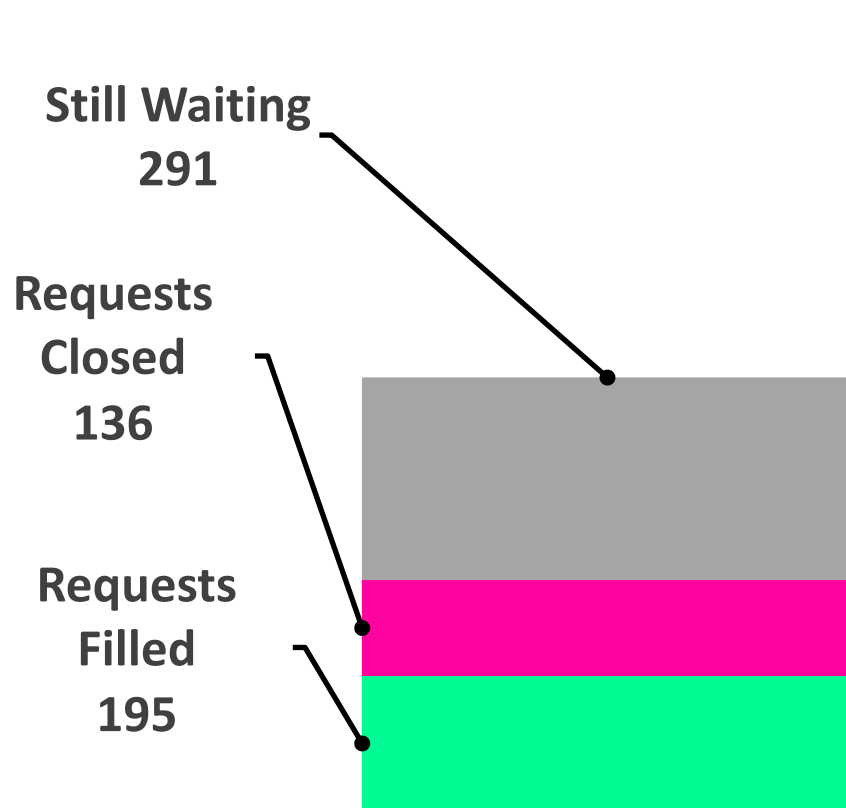
What does the community think?

Waiting List

In the event that ARIN does not have a contiguous block of addresses of sufficient size to fulfill a qualified request, the organization will be provided the option to be placed on a waiting list of pre-qualified recipients, listing both the block size qualified for and the smallest block size acceptable.
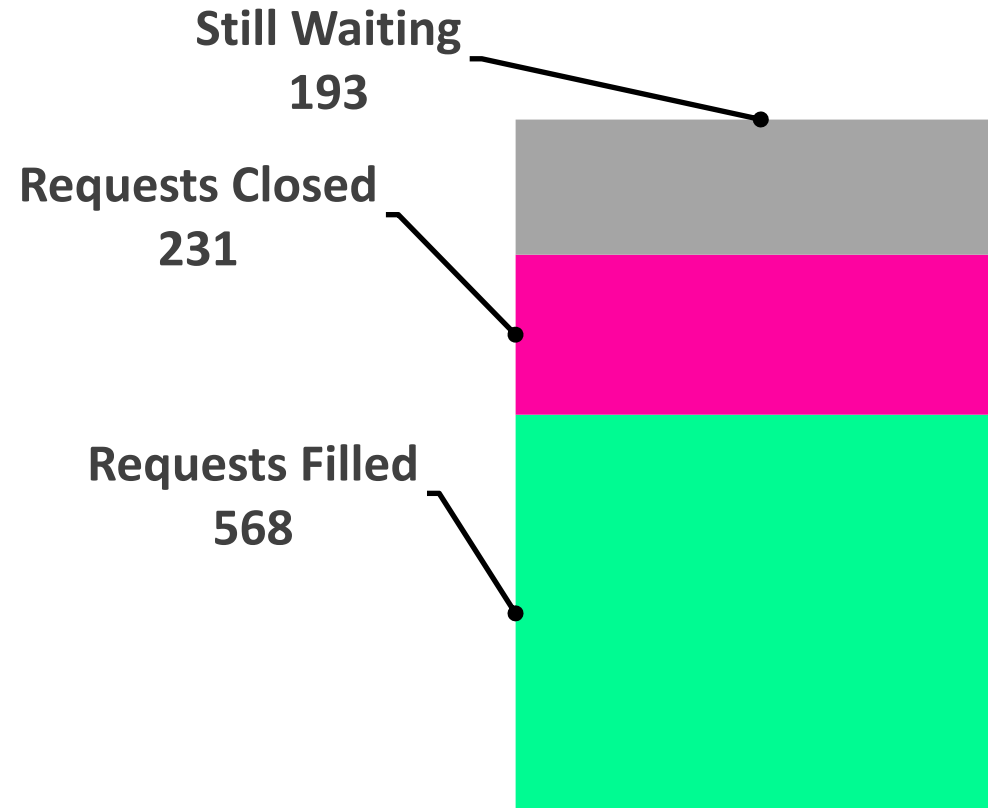
The position of each qualified request on the waiting list will be determined by the date it was approved. Each organization may have one approved request on the waiting list at a time.

As address blocks become available for allocation, ARIN will fulfill requests on a first-approved basis, subject to the size of each available address block and a timely re-validation of the original request. Requests will not be partially filled. Any requests met through a transfer will be considered fulfilled and removed from the waiting list.

Still Working!

ARIN 41

Still Waiting 291

Requests Closed 136

Requests Filled 195

ARIN 39

Still Waiting 193

Requests Closed 231

Requests Filled 568

ARIN 41

ARIN 41

MIAMI, FLORIDA | 15-18 APRIL 2018

Thank You!