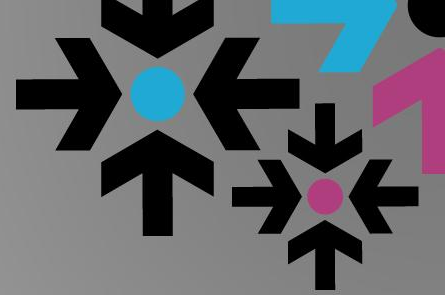




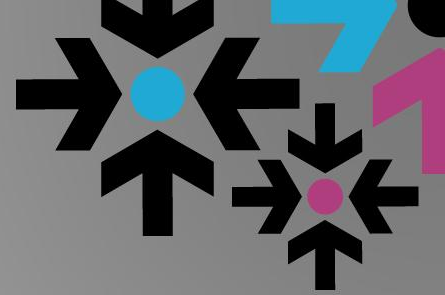
Routing Security Update

Brad Gorman, Senior Product Owner



New Since ARIN 47

- Internet Routing Registry (IRR) NONAUTH shutdown
- Resource Public Key Infrastructure (RPKI) Participation Shows Continued Growth
- New Training Opportunities
- New Product Development

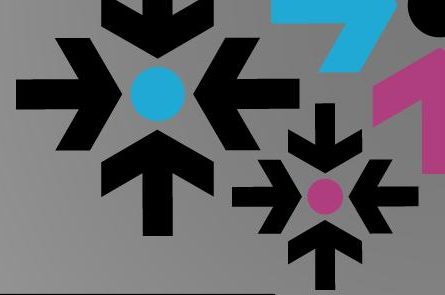


NONAUTH IRR Shutdown

+11.46%

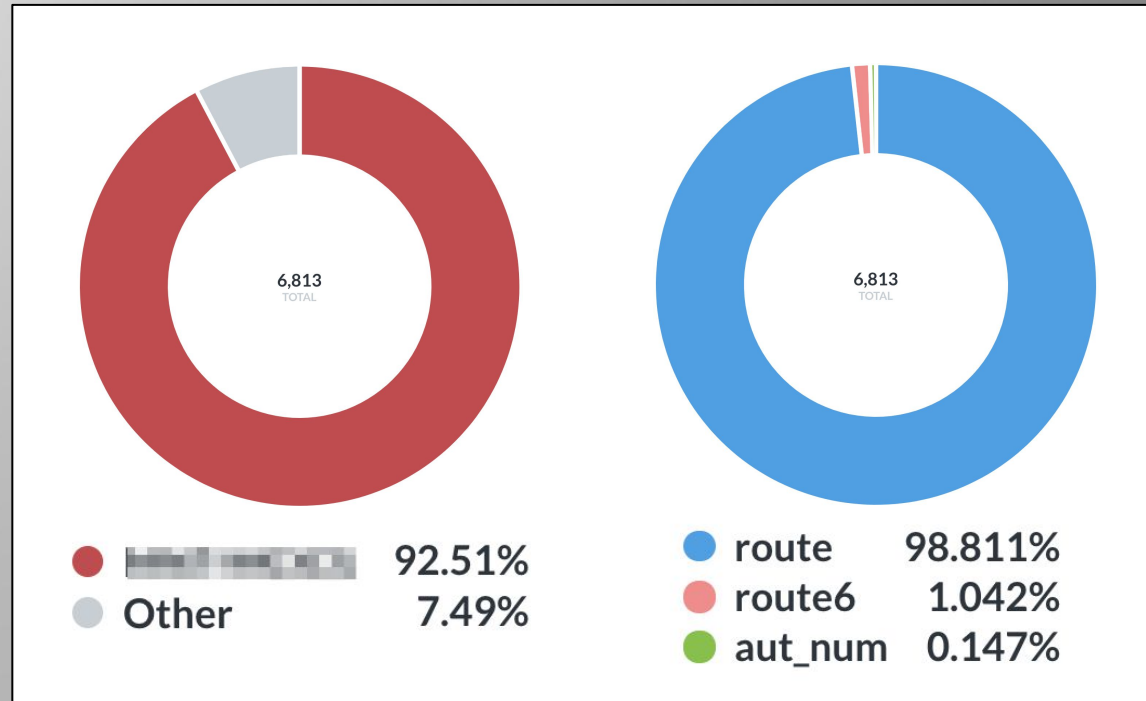
Object count

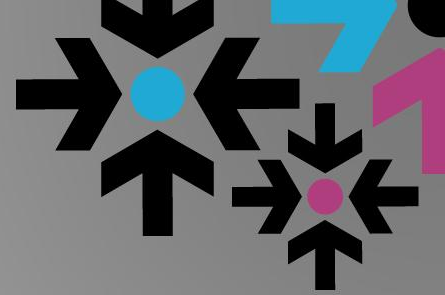
- Notifications sent on 14 June to Point of Contact (POC) of organizations with objects
- Offers of help and suggestions on how to avoid impact
- Ongoing support from Chief Customer and Registration Services teams.
(JonW@arin.net, routing.security@arin.net, ARIN Help Desk)



6,813 New Objects Since ARIN 47!

- Single Org responsible for the vast majority of the new objects
- Nearly all are route: or route6: objects
- Still, 510 objects growth is heading the wrong direction

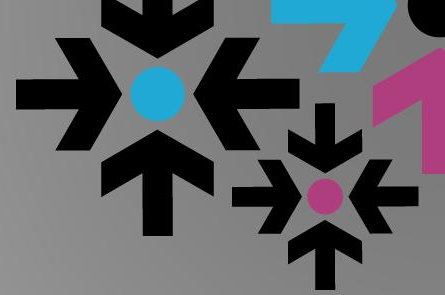




NONAUTH IRR Shutdown Progress

- Be prepared
- Take inventory of your objects
- Investigate your options
- Make a plan and execute
- Only 163 days to go...





RPKI Participation Shows Continued Growth

+ 20%

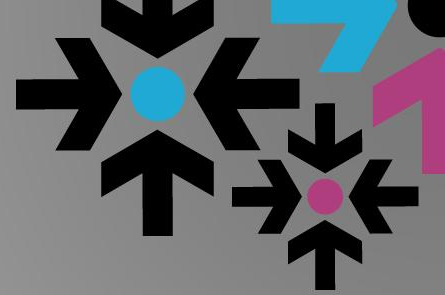
New Orgs

- 364 Hosted
- 7 Up/Down
- Current: 2,193

+74%

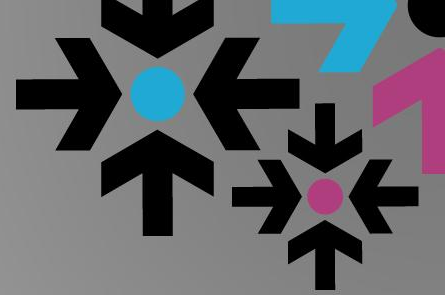
New Route Origin
Authorizations
(ROAs): 17,375

Current: 36,591



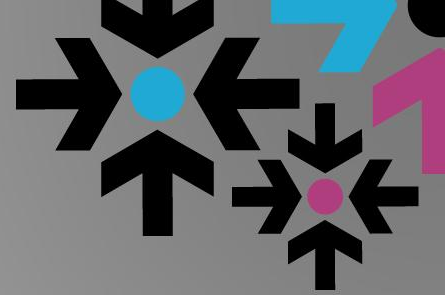
New RPKI and IRR Training Materials

- Enhance your Routing Security with ARIN's Hosted RPKI
 - Two webinars delivered in Q3
 - Advanced RPKI topics training being developed
 - <https://www.arin.net/reference/training/webinars/>
- How-to video shorts – 5 min or less
 - https://www.arin.net/reference/training/help_videos/
- RPKI signup and ROA creation sessions at ARIN 49



Routing Security Feature Development

- RFC 8181-compliant RPKI Publication Service - “Hybrid” RPKI
- Automatic re-roll of RPKI objects
- Tighter integration for IRR/RPKI
- Two-factor Authentication (2FA) enforcement

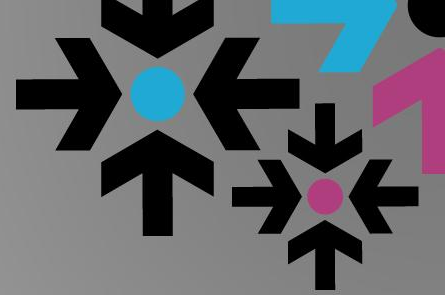


Routing Security Ideas or Questions?

- Contact us - Don't be bashful
 - Brad Gorman - bgorman@arin.net
 - Routing Security team - routing.security@arin.net
 - Ask ARIN - <https://www.arin.net/contact/#ask-arin>

- Need a feature? Make a suggestion!
 - <https://www.arin.net/participate/community/acsp/>

- Service Issues?
 - <https://arin.statuspage.io/>



Thanks for listening!
Got questions?