



RIPE NCC
RIPE NETWORK COORDINATION CENTER

Personal ASN Open House Recap

Marco Schmidt | RIPE NCC | 30 October 2024

Personal ASN Open House



- On 25 September, the RIPE NCC hosted on [Open House on personal ASN](#)
- Personal ASN - an Autonomous System Number (ASN) used by an individual for a personal, home, or hobbyist network, without commercial purpose.
- The discussion focused on whether this use aligns with policy requirements and if such ASNs impact data accuracy and the service region concept. Different perspectives remained unresolved during the Open House.
- RIPE Policies and the RIPE NCC do not use the term "Personal ASN". Instead, ASNs are registered to either legal entities or natural persons.

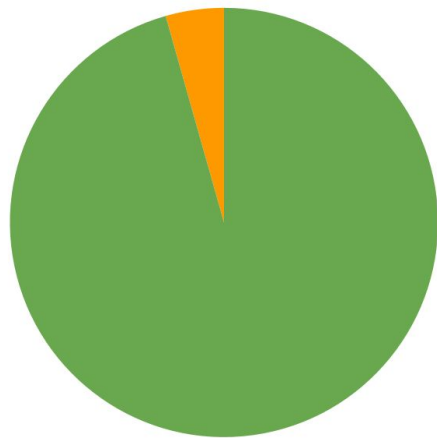


- A policy change would be necessary if the RIPE Community wants to define Personal ASNs and sets requirements for them.
- Are the discussed topics maybe a general concern for ASNs?
 - Where should RIPE ASNs be used?
 - Do current policy requirements still align with user needs?

Country of Legal Registration for ASN holders



- Inside RIPE NCC Service Region
- Outside RIPE NCC Service Region



- Around 1,700 ASNs (4.4% of all ASNs) are registered to holders residing outside the RIPE NCC Service region.
- These ASNs are distributed across 50+ countries and economies.
- The largest numbers are in the US (700+ ASNs) and China (around 300 ASNs).
- Registrations include holders from locations as distant as Brunei, Togo, and Tokelau.

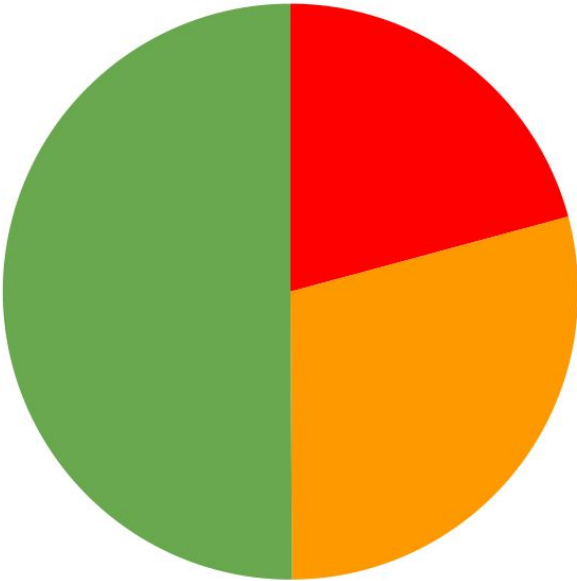
NB: This data only indicates the holders residency and does not reflect where the ASNs are actually in use.

Policy Requirement Multihoming



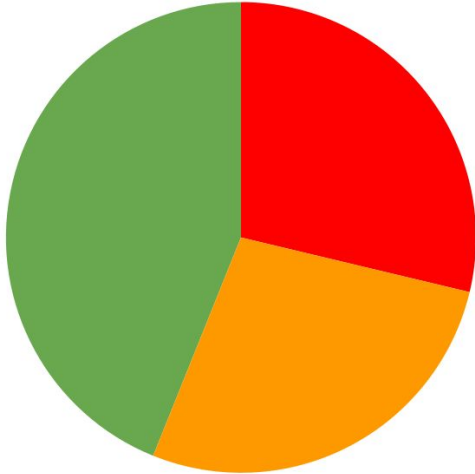
Usage all ASNs (~38,500)

● Not Visible ● Single-Homed ● Multi-Homed



Usage ASNs Natural Persons (~4,300)

● Not Visible ● Single-Homed ● Multi-Homed





- Due to charging for ASNs in 2025 and special efforts by Registration Services, the amount of unused ASNs should go down
 - Over the past few months, 150-200 ASNs have been returned each month, the highest rate recorded so far, with further increases expected.
 - Please review your ASNs and IPv4/IPv6 PI resources by the end of 2024 to avoid charges for any unneeded or no longer sponsored resources.
- **Is the multihoming requirement still relevant?**
 - Sufficient supply of 32-bit ASNs
 - Services like “Bring your own ASN”
 - This requirement has been removed in other RIRs or is being discussed



Questions & Comments



mschmidt@ripe.net



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THANK YOU!