

# Follow Up on a Common BCOP for the Use of IRR DB by IXP Route Servers

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# What is it about? (1/2)

- *IXP operator must trust and use only the following IRR databases for building and maintaining Route Server filters:*
  - ***AFRINIC DB***
  - ***APNIC DB***
  - ***ARIN DB***
  - ***LACNIC DB***
  - ***RIPE DB***

## What is it about? (2/2)

- *The authors understand that the adoption of this policy will probably result in a massive transfer of RPSL objects from non-supported databases to the supported ones.*
- *Therefore, the policy introduces a grace period of 12 months in which the list of allowed databases is supplemented by these:*
  - **RADB**
  - **RIPE-NONAUTH**
  - **NTT**
  - **LEVEL3**

# Changes/Updates since RIPE86 (1/3)

- Policy VS BCOP

- We feel is more of a **BCOP** as policies usually have the “punishment” factor inside (for those who don’t follow it).
- But we feel like it should be a strong recommendation
- If you feel should be a policy, please share your thoughts.

# Changes/Updates since RIPE86 (2/3)

- Small Extension of the list of authoritative Databases
- APNIC and LACNIC have official NIR delegations. Hence the new list is:
  - AFRINIC
  - ARIN
  - RIPENCC
  - LACNIC
    - NIC.MX
    - NIC.BR
  - APNIC
    - APJJ
    - CNNIC
    - JPNIC
    - KRNIC
    - TWNIC
    - VNNIC
    - IRINN

# Changes/Updates since RIPE86 (3/3)

- Date has been moved
  - 1 January 2024 → 1 June 2024
- At least 2 RIPE meetings for discussions
- Can be adjusted
  - If community believes we need more time
  - Please share your thoughts

# Unsolved problem

- A famous Tier 1 provider leases IP space (/24) from a Legacy block
  - Leaseholder cannot register it in IRR
  - Leaseholder connects to an EU-based IXP
  - Leaseholder advertises the prefix to Route Servers
- Is not a very common case
  - Common workaround is to register in private IRRs
- Please share your thoughts on such cases

# Not-one-shoe fits all sizes

- There is no perfect DRAFT that can cover all cases
  - We might need to sacrifice 1% to save the other 99%
- This work will help and boost adoption of RPKI
- RIPE's policy for importing Legacy space for free is applicable for any IP block (even from ARIN region).



# Extra support received

- DE-CIX
- LINX
- CZ.NIC
- LU-CIX

# Thank you !

- Questions/Comments/Remarks?
- Document URL:
  - [https://amsix-my.sharepoint.com/:b:/g/personal/stavros\\_konstantaras\\_amsix\\_net/Ef\\_7p-dFehVLgfL6eG2QxFsBtGIS\\_fq34Dhh6qrPmvXu8g?e=DRFPvE](https://amsix-my.sharepoint.com/:b:/g/personal/stavros_konstantaras_amsix_net/Ef_7p-dFehVLgfL6eG2QxFsBtGIS_fq34Dhh6qrPmvXu8g?e=DRFPvE)