

RIPE



PSWG Follow Up

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Public Safety Working Group

- Working Group setup under ICANN's Government Advisory Committee (GAC)
- Focuses on all aspects of public safety:
 - Law enforcement
 - Consumer protection
- Looking at the whole Internet ecosystem
 - Not only at ICANN and domain registries

NRO Workshop During ICANN 55

- PSWG invited the RIRs to a workshop
 - To get a better understanding of the RIR system
 - To discuss any concerns related to our system
- Registry accuracy is a key topic for PSWG
 - Some concerns regarding “IP Whois” accuracy
 - Some misunderstandings about our database system

Outcomes of the Workshop

- Explained the RIR policy development process
- Invited the members of the PSWG to participate:
 - At our meetings
 - In our policy development discussions
- Explained how to report inaccuracies
 - And how the RIPE NCC follows up with these
- Identified the need for more capacity building
 - To get a better understanding of the RIR databases



Different Database Users

- Law enforcement has a very specific use for our database: they need to attribute a particular IP to a user
- There is a lot of confusion about the database:
 - LEAs are more familiar with domain whois lookups
 - Often expect to directly find a link to the End User
 - Not familiar with the hierarchy in our Database
 - Failed lookups are interpreted as missing data

There Are Many Databases

- Every RIR has its own registry database
 - LEAs are confused about where to look first
 - Expect the whois client to take the correct database
- The RIPE Database is not one database
 - It also contains the IRR
- Data maintenance is done by 14,000+ entities
 - LEAs perceive the RIPE NCC to be responsible



“Concerns About IP Whois Accuracy”

- First mentioned in ICANN 54 GAC Communique
 - Which triggered the workshop at ICANN 55
- Whois data might not fulfil LEAs’ expectations:
 - Pointing to an office instead of a datacenter
 - Administrative address instead of physical location
 - Pointing to another ISP
 - Resources in use in different jurisdictions
- Is this inaccurate?

Can We Improve the User Experience?

- For outside users not familiar with the RIPE Database
- Making it clear what the data represents?
- Easier or different lookup methods:
 - Like the “Abuse finder” tool?
 - WEIRDS and RDAP?
 - Dedicated API or web interface?
- Can we improve documentation?
 - Create a better understanding of what we do?



More information and References

- Please also see the presentations in Anti-Abuse:
 - Richard Leaning (RIPE NCC)
 - Gregory Mounier (EUROPOL)
- Contact RIPE NCC External Relations
 - They engage with other stakeholders like LEAs

Questions?

