

RIPE



RIPE Database Requirements Task Force



Task Force Members



- Nick Hilliard
- James Kennedy (co-Chair)
- Shane Kerr (Vice Chair)
- Peter Koch
- Sara Marcolla (until February 2021)
- Bijal Sanghani (Chair)

RIPE NCC Support:

- Boris Duval
- Maria Stafyla
- Edward Shryane

RIPE Database Requirements Task Force



- The RIPE Database Requirements Task Force was formed in October 2019 as an outcome of the Big Picture BoF that took place at RIPE 78 in Reykjavik, Iceland.
- The Task Force was tasked to produce a RIPE document listing the requirements for the RIPE Database and their rationales.
- The Task Force published its [final report](#) in October 2021.

- Regular meetings ([minutes publicly available](#))
- Two surveys
- Mailing lists feedback (ripe-list, db-wg)
- Three BoFs ([May 2020](#), [Oct 2020](#), [May 2021](#))
- Updates at RIPE Meetings ([RIPE 80](#), [RIPE 81](#), [RIPE 82](#))
- Data and information collection with support from the RIPE NCC
- Three draft published ([May 2020](#), [Oct 2020](#), [July 2021](#))
- Final report ([October 2021](#))

- COVID-19 disrupted our working process (no face-to-face meetings, Zoom fatigue etc.)
- The scope of the document was large and ambitious
- Diverging community views on key topics (e.g. legal address)
- Technical topics - hard to steer away from implementation details

What Went Well



- Different backgrounds and expertise
- Synergy between task force members
- Helpful feedback from the community via the surveys, BoF and mailing lists
- Strong support from the RIPE NCC (legal, technical and administrative)

Data Management Principles

- Data accuracy
- Data consistency
- Data minimisation
- Data security

RIPE Database Purposes

- Providing authoritative and accurate registration of Internet number resources
- Provisioning the Reverse Domain Name System (rDNS)
- Publishing routing policies by network operators (RIPE IRR)
- Facilitating Internet operations and coordination
- Enabling research on and analysis of IP networking in the RIPE region

Requirements and Other Considerations



- Each requirement has a rationale, recommendation and is attached to a purpose
- Topics that were considered but not retained as requirements are listed under “other consideration”
- The recommendations are only suggestions
- They will need to be discussed by the relevant Working Groups before being implemented

- 6.1.1 Baseline requirements for registration information of Internet number resources | **database**
- 6.1.2 IPv4 PA assignments | **address policy**
- 6.1.3 Discourage using the RIPE Database as an IPAM solution | **database**
- 6.1.4 Historical data and personal data filtering | **database**
- 6.3.1 Routing information | **routing**
- 6.3.2 Maintaining accurate routing origin information | **routing**
- 6.3.3 RPSL | **routing**
- 6.3.4 RPKI Database | **routing and database**
- 6.4.1 Operational Contact Information (PERSON and ROLE Objects) | **database**
- 6.4.2 Publishing the legal address of resource holders | **database and cooperation**

Up Next



- The RIPE Chair Team will coordinate with the relevant WGs
- WGs to discuss the recommendations via their respective mailing lists
- If accepted, the RIPE NCC to implement the recommendations

Questions, feedback & dialogue

