

RIPE DATABASE TRAINING COURSE

This one-day training course will make you a capable user of the RIPE Database. Mixing hands-on activities with theory, the participants will get a comprehensive idea of what the RIPE Database is and what they can do with it.

Goals

- Understand what the RIPE Database is and its purpose
- Learn how to query and update the RIPE Database
- Enable LIRs to carry out their registration tasks
- Understand the RIPE Database's role in the Internet Routing Registry and setting up reverse delegation
- Evaluate the use of additional tools to get the most out of the RIPE Database

Pre-requisites

- For this course you should have a basic understanding of:
 - What an LIR is
 - What a database is
 - How to use a web form
 - IP addresses and AS Numbers
 - BGP
 - DNS

Course Content

- Introduction
- What is the RIPE Database?
 - *Purpose, objects, looking for data*
- How does it work?
 - *Making queries, using flags and options*
- How to update it?
 - *Maintainers, creating and deleting objects*
- Delegating address space to others
 - *How to register sub-allocations*
- RIPE Routing Registry
 - **aut-num** and **route(6)** objects
- Reverse DNS
 - *How to request reverse delegation*
- More RIPE Database
 - *Inverse lookups, full text search, notifications, RIPE Database Working Group*
- The RESTful API

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