This is a one-day course. The topics include RIPE Stat and RIPE Atlas. The course is split between theory and hands-on exercises.

**Goals**

- Use RIPEstat to debug your own networks
- Find additional information about other networks
- Learn how to use RIPE Atlas for network monitoring and troubleshooting
- Learn how to create specific tailor-made measurements that suit your exact needs using API calls or the command line interface
- Opportunity for hands on practice

**Pre-Requisites**

- For the RIPEstat part you need a basic understanding of:
  - Networks
  - How the Internet works
  - IP, ASN, domains
  - RIPE Database
- For the RIPEs Atlas part you need a good understanding of:
  - Networks
  - How the Internet works
- For the RIPEs Atlas part you need a basic understanding of:
  - ping, traceroute

**Course Content**

**RIPEstat**

- Introduction
- Introduction to RIPEstat
- More about Widgets
  - Exercise A: Querying for a Resource
- Visualising BGP Routing Information
  - Exercise B: BGPlay
- Reporting Abuse
- Visualising RIPE Database Data
- Personalising RIPEstat
- Comparing Networks
  - Exercise C: RIPEstat Quiz

**RIPE Atlas**

- Introduction to RIPE Atlas
- Using RIPE Atlas as a Visitor
- Looking up Public Probes
- Finding Results of a Public Measurements
  - Demo and Exercise D
- Network Monitoring
  - Exercise E: Using Streaming API
- Command-line Interface Toolset
  - Exercise F: Using RIPE Atlas CLI
- Use Cases
- More RIPE Atlas Features
- Take Part in the RIPE Atlas Community

- Online courses: [academy.ripe.net](https://academy.ripe.net)
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