RIPE NCC

RIPE Network Coordination Centre

Aut-num Authorization for Route Objects in the RR

Carol Orange
RIPE NCC

Goal

Allow network operators to control and monitor the registration of route objects with their AS specified in the “origin:” attribute.

Non-Goal:

Produce an optimal hierarchical authorisation scheme for the RR

Mechanism

- Add “mnt-route:” to the aut-num object
- Maintainer specified determines
  - who can add/update/delete a route object with that aut-num as origin

Example

```
aut-num:    AS3333
mnt-route:  AS333-MNT

mntner:     AS333-MNT
auth:       CRYPT-PW peEw8Gb4xBNqI

route:      193.0.0.0/23
...
```