Aut-num Authorization for Route Objects in the RR

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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
...	