RIPE DB Authorisation

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Examples

- authorisation & notification fully optional
- current objects remain fully valid:

```
inetnum: 193.0.0.0
netname: RIPE-NCC
descr:   RIPE Network Coordination Centre
descr:   Amsterdam, Netherlands
country: NL
admin-c: Daniel Karrenberg
tech-c:  Marten Terpstra
tech-c:  Tony Bates
rev-srv: ns.ripe.net
rev-srv: ns.eu.net
notify:  ops@ripe.net
changed: tony@ripe.net 940708
source:  RIPE
```


Notification Easier

```
inetnum: 193.0.0.0
netname: RIPE-NCC
descr:   RIPE Network Coordination Centre
descr:   Amsterdam, Netherlands
country: NL
admin-c: Daniel Karrenberg
tech-c:  Marten Terpstra
tech-c:  Tony Bates
rev-srv: ns.ripe.net
rev-srv: ns.eu.net
mnt-by:  RIPE-NCC
changed: tony@ripe.net 940708
source:  RIPE
```


Notification Easier

```
mntner:  RIPE-NCC
descr:   RIPE Network Coordination Centre
descr:   Maintains all objects for NCC
admin-c: DK58
tech-c:  MT2
tech-c:  TB230
upd-to:  ops@ripe.net
mnt-nfy: ops@ripe.net
auth:    NONE
mnt-by:  RIPE-NCC
changed: dfk@ripe.net 940910
source:  RIPE
```

- object itself is maintained by RIPE-NCC too,
- notification will also happen if the object itself is changed.

RIPE ncc

Authentication

```
mntner:  RIPE-NCC
descr:   RIPE Network Coordination Centre
descr:   Maintains all objects for NCC
admin-c: DK58
tech-c:  MT2
tech-c:  TB230
upd-to:  ops@ripe.net
mnt-nfy: notifications@ripe.net
auth:    MAIL-FROM .*@\.ripe\.net
notify:  mntner-change@ripe.net
mnt-by:  RIPE-NCC
changed: dfk@ripe.net 940910
source:  RIPE
```

- Note that `mntner-change@ripe.net` will be notified in addition to `notifications@ripe.net` if the object itself changes.

RIPE ncc

Stronger Authentication

```
mntner:  RIPE-NCC
descr:   RIPE Network Coordination Centre
descr:   Maintains all objects for NCC
admin-c: DK58
tech-c:  MT2
tech-c:  TB230
upd-to:  ops@ripe.net
mnt-nfy: notifications@ripe.net
auth:    CRYPT-PW 949WK1mIRby6c
notify: mntner-change@ripe.net
mnt-by: RIPE-NCC
changed: dfk@ripe.net 940910
source: RIPE
```

- any update of this object must now be preceeded by a lineof the form

```
password: NCC-PASS
```


RIPE ncc

Multiple Authentication Methods:

```
mntner: RIPE-NCC
descr: RIPE Network Coordination Centre
descr: Maintains all objects for NCC
resources.
admin-c: DK58
tech-c: MT2
tech-c: TB230
upd-to: ops@ripe.net
mnt-nfy: notifications@ripe.net
mnt-nfy: daniel.karrenberg@ripe.net
auth: CRYPT-PW 949WK1mIRby6c
auth: CRYPT-PW 95sF/QAyIMtgg
notify: mntner-change@ripe.net
mnt-by: RIPE-NCC
changed: dfk@ripe.net 940910
source: RIPE
```


RIPE ncc

Multiple Maintainers

```
person:  Lena F. Karrenberg
address: c/o RIPE NCC
address: Kruislaan 409
address: NL-1098 SJ Amsterdam
phone:   +31 20 5925065
e-mail:  lena.karrenberg@ripe.net
remarks: Born August 12th 1994
remarks: Assistant to the NCC manager for
remarks: reality checks.
changed: karrenberg@ripe.net 940812
mnt-by:  DANIEL BEATE
source:  RIPE
```

RIPE ncc

Routing Registry

- guardians of communities and ASes notified of any creation/update/deletion of any “route” referencing them
- maintainer of all “routes” notified if another instance of exactly the same (prefix/length) route is added