RIPE NCC
RIPE NETWORK COORDINATION CENTRE

Database Updates

Operational
New functionality
Personalised authentication

Tim Bruijnzeels | 19 November 2015 | RIPE 71

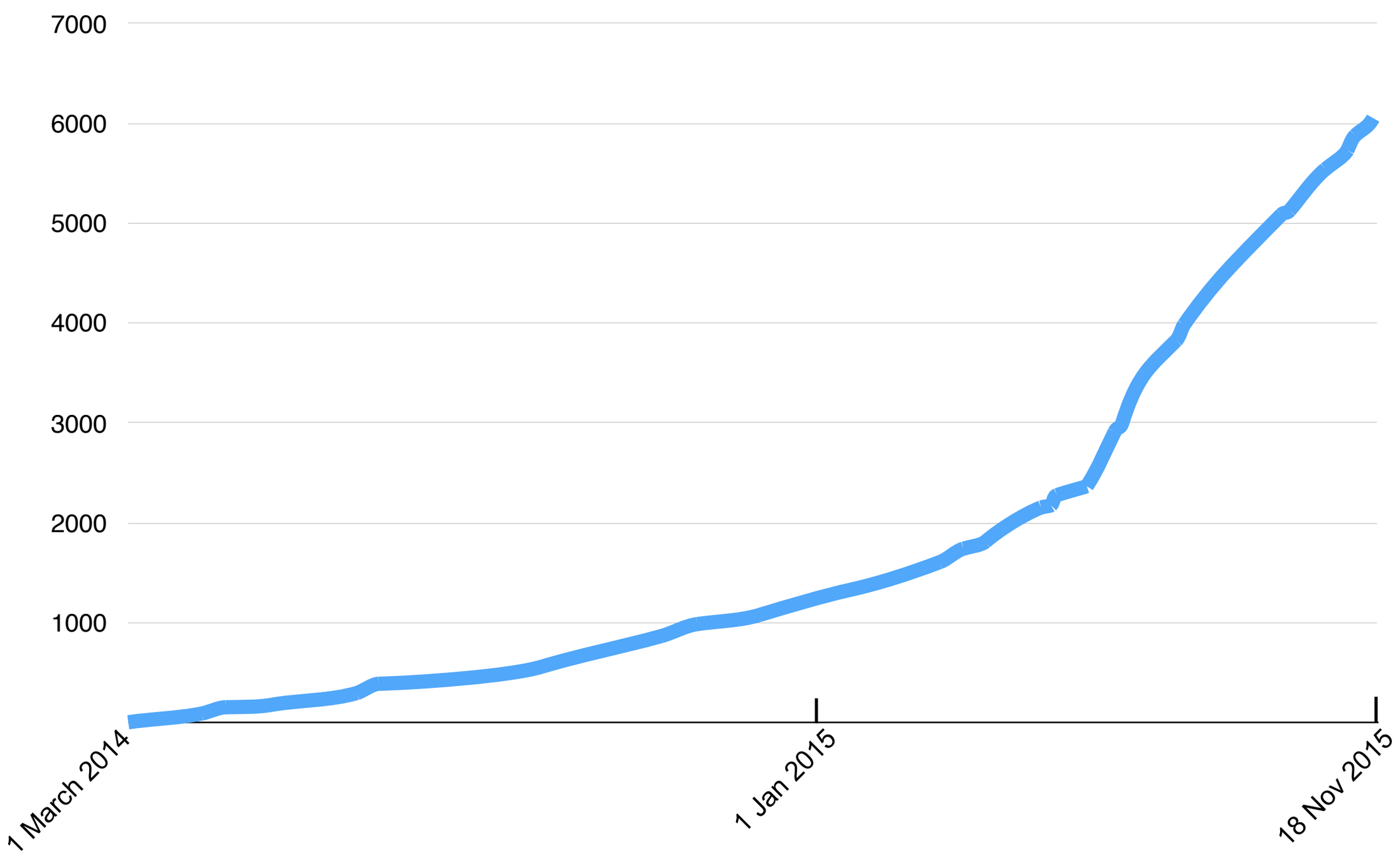
Life is all about priorities

operation

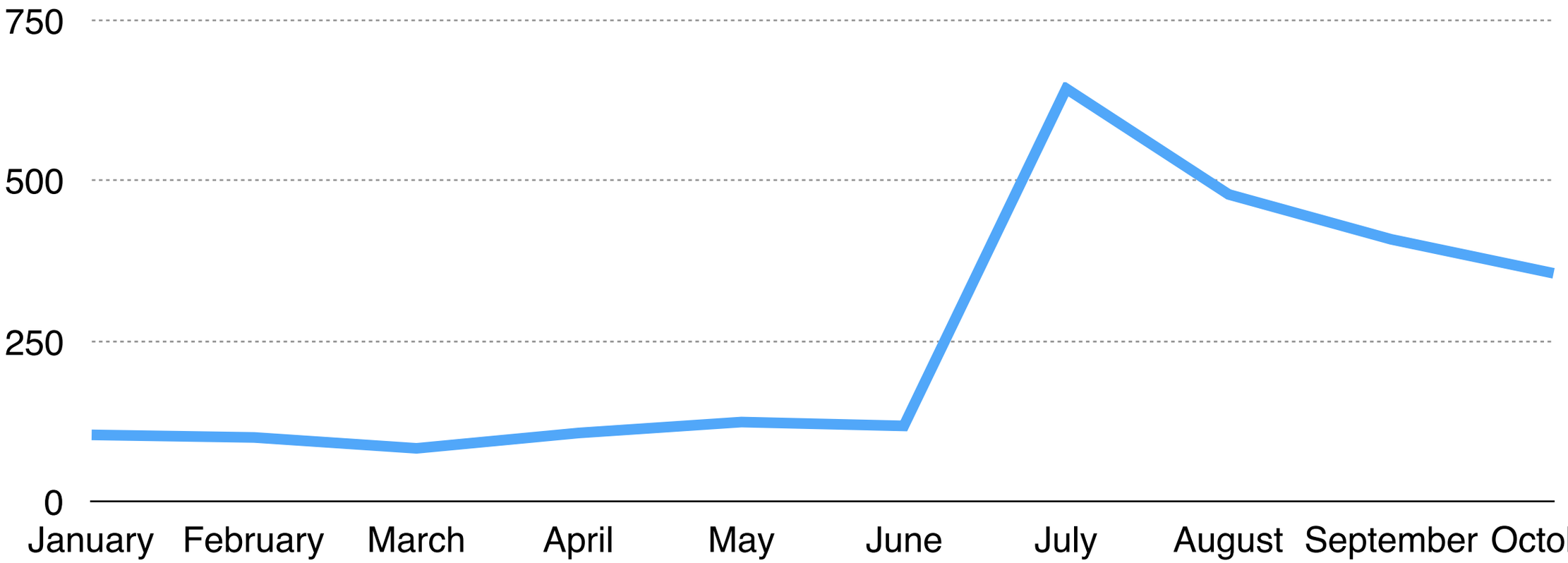
feature requests
from the working group

other pro-active improvements

Maintainers with SSO accounts



MD5 password resets per month



- 70% of 7000 active maintainers reset their password before 14 July
- 30% did not

Hardware

- The RAID controller of the master DB server fried
- Planned hardware upgrades moved forward
- Moving from mysql to MariaDB
  (allows master-master in future)

Inter-RIR transfers

- As long as we have the RPSL maintainer we need to manage placeholder objects for out of region resources
- Needed to implement support for Registration Services processes when resources are transferred in or out of region

Abuse-c

- Some organisations without "abuse-c:"
  - New members did not have a maintainer (now fixed!)
  - Need to run script for remaining cases
  - Can then have business rule to enforce

Changed phase 2 (changed optional)

- Released to RC on 1 June
- Released to production on 13 July

Changed phase 3 (changed removed)

- Will deploy to RC soon
- 99,35% still submits "changed:"
  - accept "changed:", but remove and warn
  - monitor, email, before reject

RPSL Maintainer lock-down

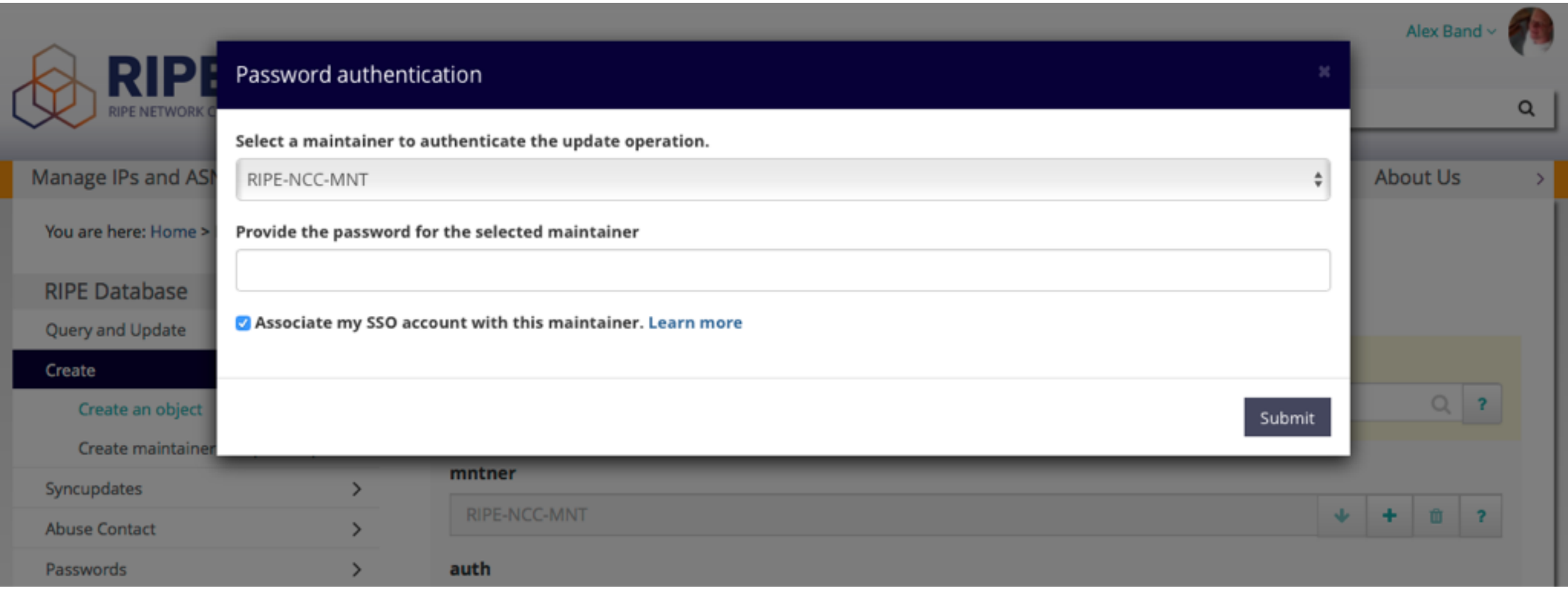
- Proposal sent to list:
  - Simple business rule to prevent on mnt-by
  - Lock existing objects
- Consensus?
- Include in release for "changed:" phase 3?

Descr clean up

- Proposal sent to list:
  - "descr:" optional multiple attribute on all objects
  - clean up where this was enforced
- Consensus?
- Include in release for "changed:" phase 3?

SSO integration

- Improving user experience (Alex will talk more)
- Laying the foundation for personalised auth



Upcoming work

- Finish hardware migration
- Any working group requests
- Support merger and acquisition processes
- Many, many usability improvements lined up
  - Manage maintainer more intuitively
  - Personalised authorisation
  - Manage IRR objects and RPKI using single interface
- Explore inter RIR authorisation options

Questions