



RIPE NCC
RIPE NETWORK COORDINATION CENTRE

Database Updates

Operational
New functionality
Personalised authentication

Life is all about priorities

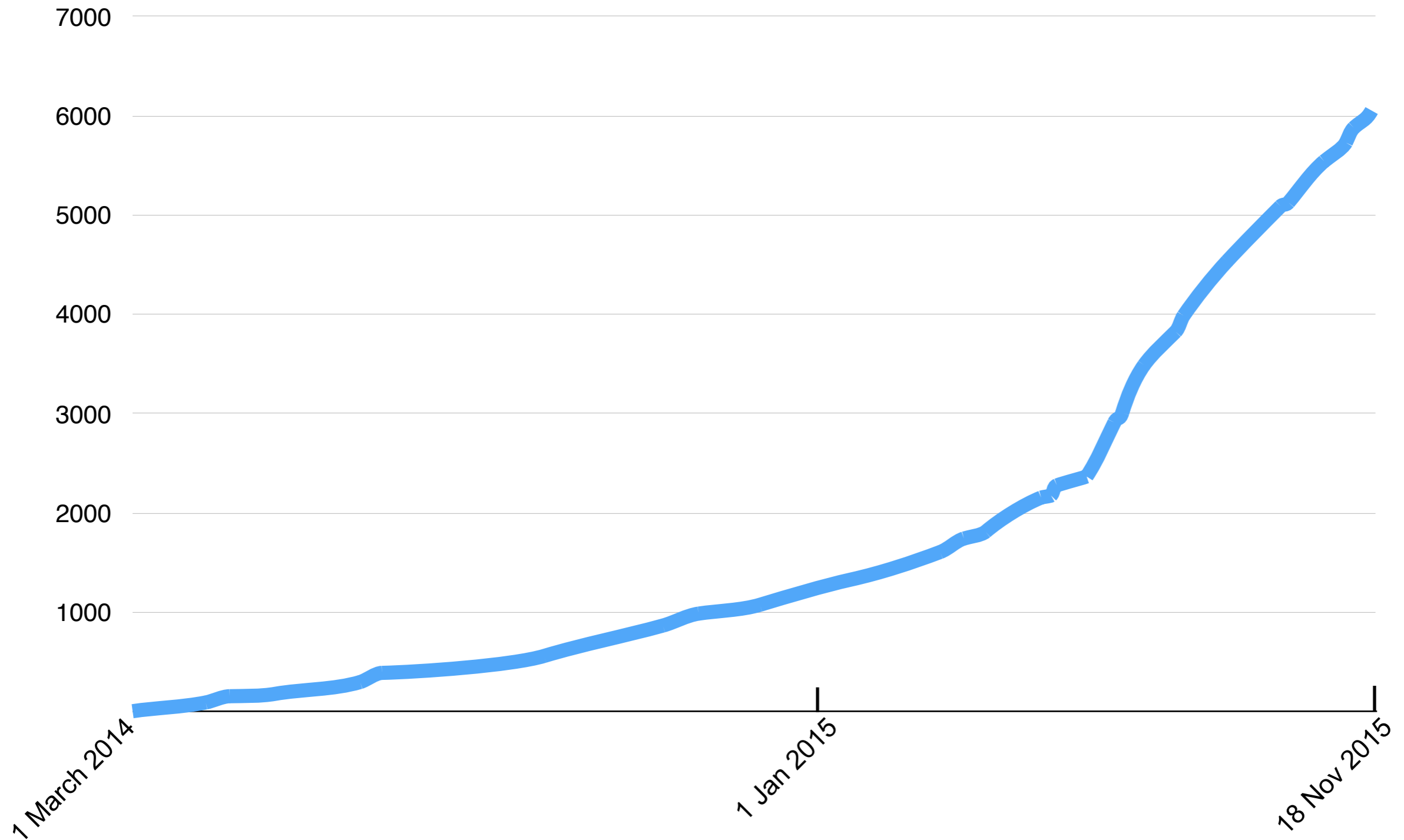


operation

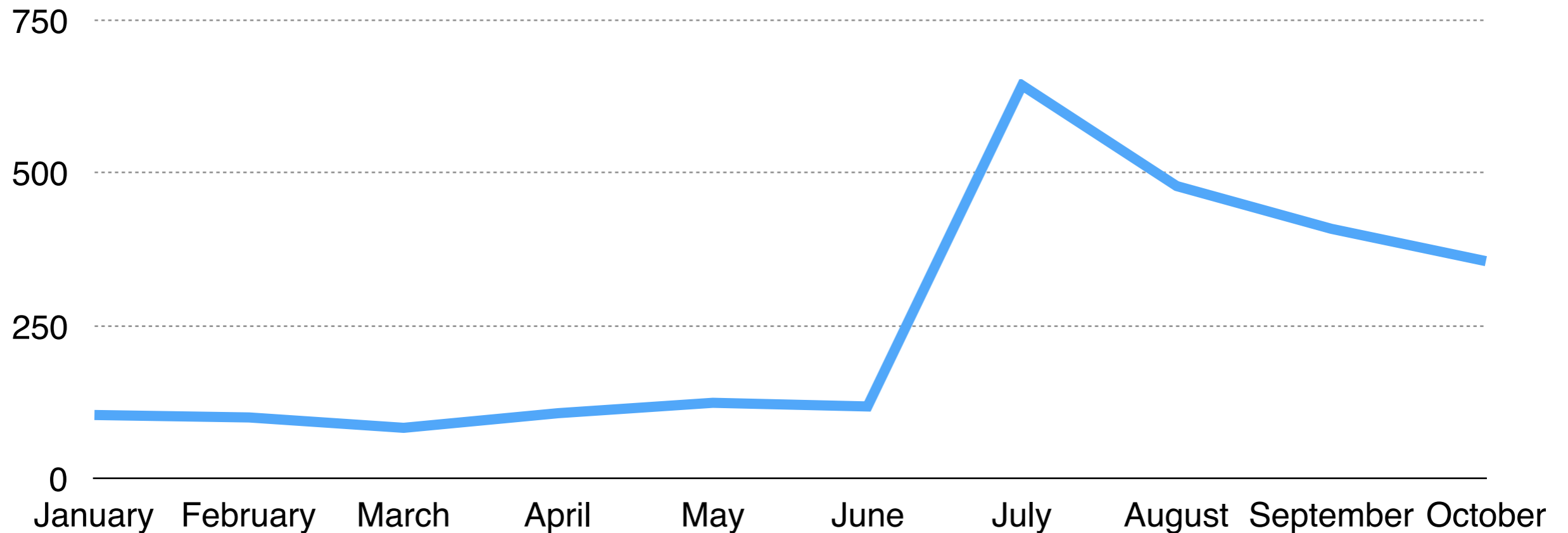
**feature requests
from the working group**

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

A screenshot of the RIPE database web interface. A modal dialog titled "Password authentication" is open in the center. The dialog has a dark blue header with a close button (X). Below the header, the text "Select a maintainer to authenticate the update operation." is displayed. A dropdown menu shows "RIPE-NCC-MNT" selected. Below this, the text "Provide the password for the selected maintainer" is followed by an empty text input field. At the bottom of the dialog, there is a checked checkbox labeled "Associate my SSO account with this maintainer." with a link "Learn more" next to it. A "Submit" button is located in the bottom right corner of the dialog. The background shows the RIPE database interface with a sidebar on the left containing navigation links like "Manage IPs and ASNs", "RIPE Database", "Query and Update", "Create", "Syncupdates", "Abuse Contact", and "Passwords". The main content area shows a table with columns "mntner" and "auth", and a row with "RIPE-NCC-MNT" in the "mntner" column. The top right corner of the interface shows the user's name "Alex Band" and a search bar.

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

