RIPE NCC
Database Update

Ed Shryane | 16 May 2018 | RIPE 76

The three focus points

Operations

RIPE75-76

Working
Group &
Policies

Usability
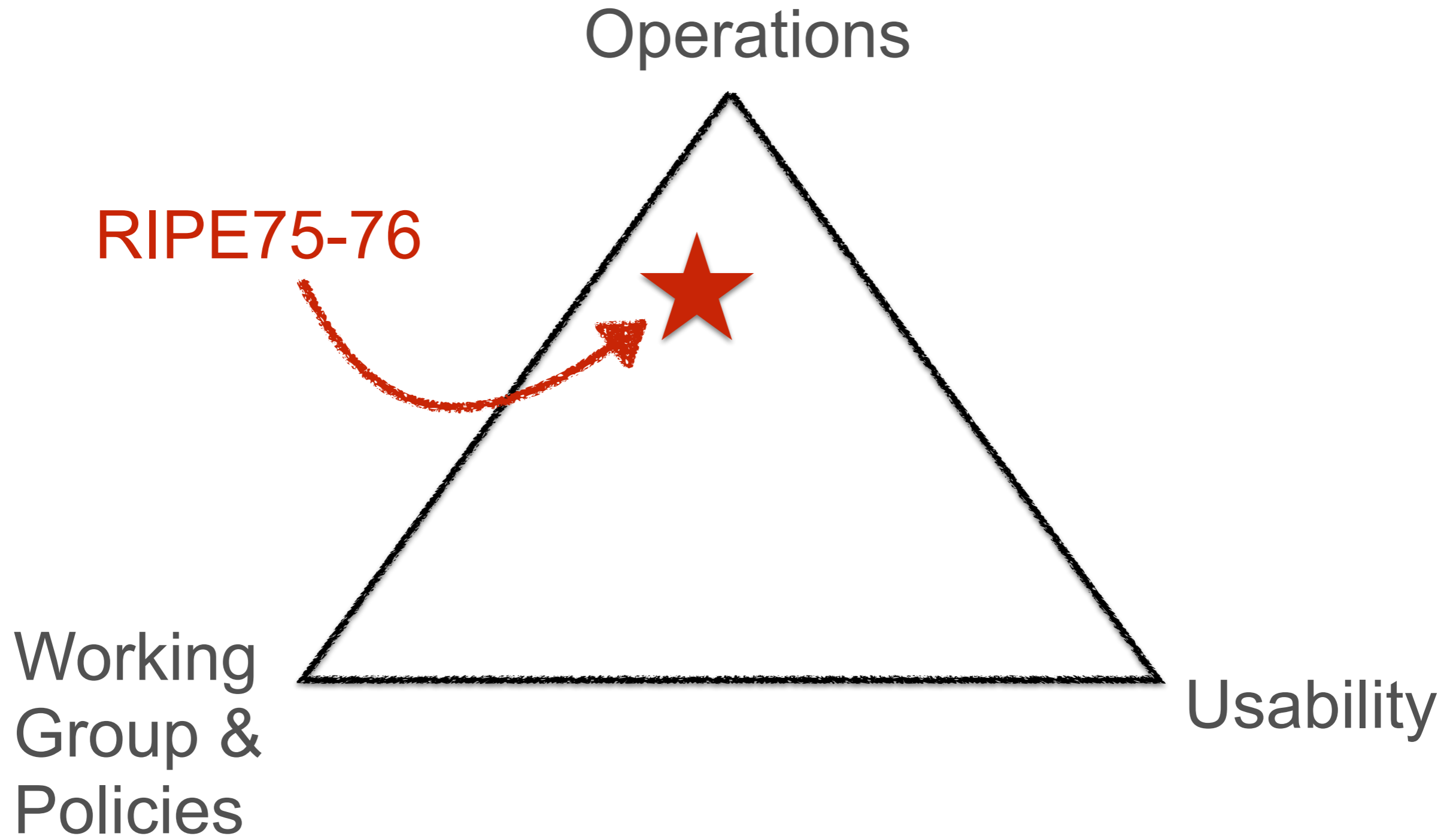
Working Group and Policies

- ● Release 1.91 (March 2018)

  - Removed "abuse-mailbox:" attribute from PERSON, MNTNER, ORGANISATION, IRT (NWI-7)

  - Added "end of stream" comment to NRTM responses

- ● Release 1.91.1 (March 2018)

  - Only write NRTM end of stream comment in keepalive mode

  - Add dry-run for batch updates

  - Updated SSO API following an upgrade of our SSO system

- ● Release 1.91.2 (April 2018)

  - Updated the Jackson library to 2.9.5 following CVE-2018-7489

Operations

- Security scan of the whois software

  - No critical issues found

  - Points of improvement found and largely implemented

  - Security now fully integrated in the development process

  - The use of plain text passwords in plain text protocols remains the biggest concern

- MariaDB

  - Upgraded to latest stable version

  - Much better support for manual master-slave fail-over

  - Allows for future automated fail-over or master-master

Operations

- ● Resource Transfers

    - We see a lot of resource transfers, but the process was hard for LIRs and end users, and also for RIPE NCC

    - New wizards were introduced where all the needed information is requested, and all RIPE Database requirements are verified as part of the process

    - Send comprehensive warning to users of the Database about objects that need to be changed

    - (In progress) Perform automated updates of Database objects after a transfer is complete

Operations

- Deprecate "changed:" Attribute

Whois Updates (April 2018)

All Others 3.7%
C 2.3%
B 22.8%
A 38.3%
Without Changed 32.9%
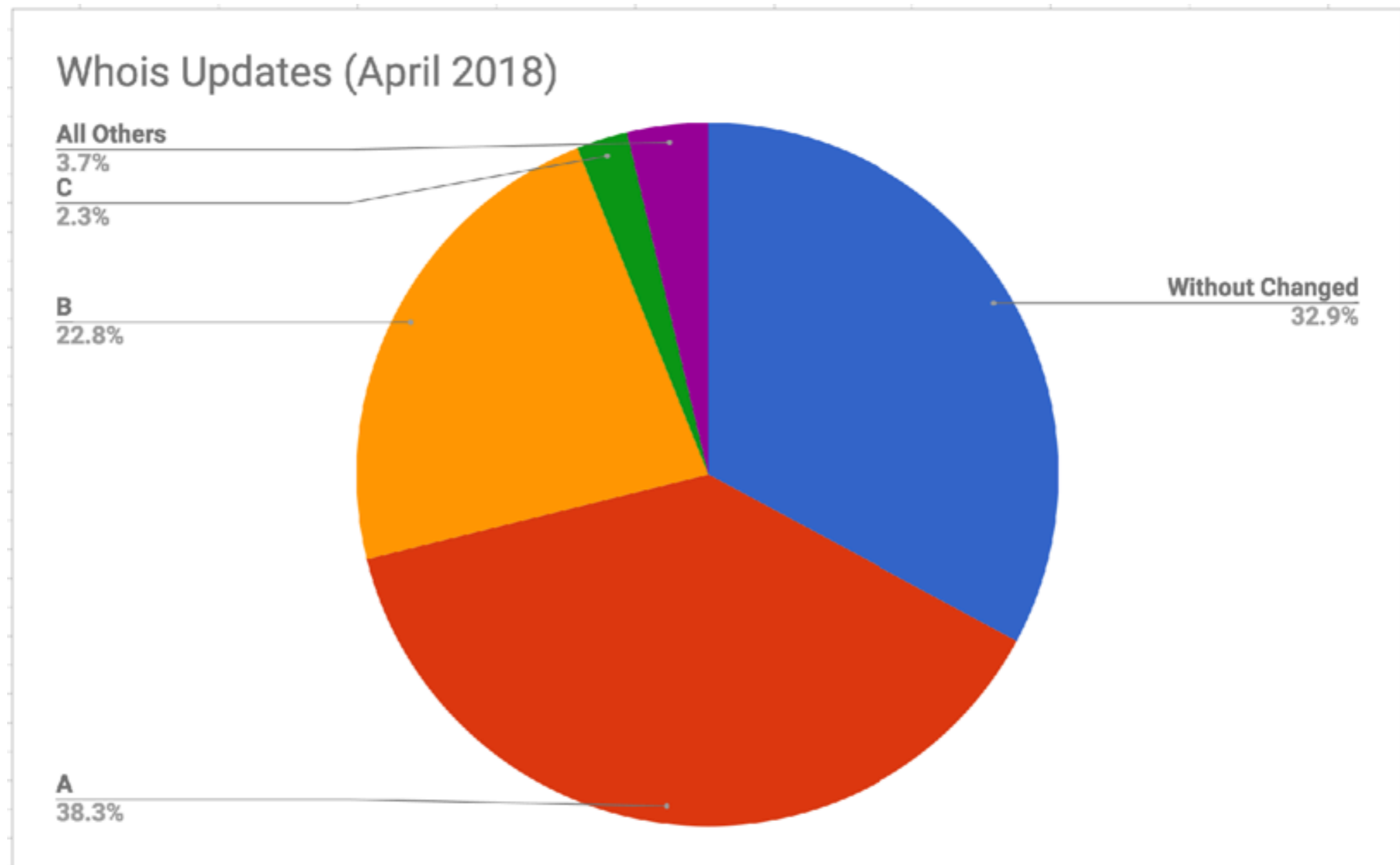
Usability - Phase out IP analyser

Questions