RIPE Database Routing Update

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Changes to aut-num object

- Optional “sponsoring-org:” attribute added
  - created by Registration Services
- Mandatory “status:” attribute added
  - auto-generated by software
Changes to aut-num object (2)

- Neither can be changed by users
- Updates will NOT fail because of these attributes
  - Software tolerant to missing or wrong values
- See FAQ for more details
  - https://www.ripe.net/data-tools/db/faq/faq-status-values-legacy-resources
Outstanding topics

• At RIPE 66 George Michaelson presented on simplified authorisation for route creation
• At RIPE 67 Alexander Azimov presented on routing data quality in RIPE Database (IRR)
• At RIPE 67 I presented on re-structuring the aut-num object
• Since then???
• Where do we go from here?
References to deleted ASNs

• Are these a problem?
• When they are present in policy attributes, do they adversely affect routing?
• Should a reference to a deleted ASN be a syntax error when you submit an update?
• Should the software clean up these references when an aut-num object is deleted?
  • If so when? Immediately, after a delay (1 day/week/month)?
• What if - delete AS2, auto-cleanup references, re-issue AS2, update to AS5 auto-generated with old policy reference to new AS2?
  • Do we need 2 way checks, with validation if both RIPE resources?