aut-num object

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"via" attributes

- Draft RFC from Job Snijders
  - http://tools.ietf.org/html/draft-snijders-rpsl-via-02
- Two new optional attributes
- "import-via:" and "export-via:"
- "Used in RPSL policy specifications to publish desired routing policy regarding non-adjacent networks."

Open source software

- Job modified the RIPE Database software

- Provided a patch to the RIPE NCC

- Ready to implement this change in a test environment

Change to aut-num - ALERT!!!!

- The aut-num object is important to routing

- This feature adds 2 new optional attributes

- RFC2622 says tools should transparently handle unknown attributes

- Will this break your tools?

Communication

- The syntax of the aut-num object does not change often

- When it does, how should we contact all those who really need to know this?

Pending route authorisation

– Simplify the complex authorisation for route creation

– One user submits route object with some auth

– Second user submits same object with missing auth tokens

– When both objects received, RIPE Database software creates object if combined auth tokens all pass

– Available on TEST soon after RIPE 67

aut-num management

- Very big objects

- Composed of many peering detail sets

- Updated often, small changes

- Sometimes auto generated by scripts

- Can we manage it better?

- With new software, management of data can be de-coupled from presentation of information…

- Manage as simple data sets, present as RPSL?

Questions?