

RIPE



Futuristic Route Servers

Job Snijders (Prefix Servers)

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- Route Servers are Super Important

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- There are no ‘perfect’ route servers out there (yet)
 - some IXPs have a manual setup process
 - some don’t have looking glass
 - some don’t fully support ASN32
 - controlling re-announcement is often too hard
 - path hiding issue
 - no guarantee that participants can reach each other

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- At Prefix Servers we believe the following:
 - use web interfaces! (acts as out of band interface)
 - mapping between aut-nums/as-sets and numbers
 - offload as much as possible to the route servers
 - use RPSL to describe what the route server does
 - use BGP Communities to actually do ‘it’
 - strict RPSL filtering to prevent havoc

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- First semi-commercial route server service?
 - the best route serving is free
 - premium services on top of it (alerting / monitoring)
 - whitelabel / oem product? :-)

- Route Server Operator Mailinglist

- open

- vendor agnostic

- share experience, tricks, hacks!

- <http://lists.prefix-servers.net/listinfo/rs-ops>



Questions?

