



Summary of the discussion on the db-wg mailinglist



Use Case and Proposed Solution

- Use case
 - A holder of address space wants to change a provider
 - Has to register a new origin for his prefix in the IRR
 - Existing route object prevents creation of the new one
 - Requires cooperation from the old ISP or NCC's help
- Proposed Solution
 - An owner of the address space can create a route object
 - An owner of the address space can delete a route object
- A more general question
 - Who controls creation and deletion of a route object?

Additional input

- Current paradigm (RFC 2725)
 - Creation of a route object is controlled by the AS holder and:
 - exact match route
 - less specific route
 - exact match inetnum
 - less specific inetnum
 - Modification and Deletion of a route object is controlled by the holder of the route object
- SIDR BoF. Route Origination Authorisation (ROA)
 - An ISP (or subscriber) generates one ROA for each prefix for which it wants to authorise route origination
 - a digitally signed data structure that uses X.509 resource certificates