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Cross Notification in the RR

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Goal

- Help network operators be aware of overlapping route announcements
- Example of overlap:
  - 193.0.0.0/24 and 193.0.0.0/23

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Scheme

- You can get notified of overlaps if
  - you announce a route which overlaps a currently announced route
  - another route is announced which overlaps one you announce
- Notifications are optional

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New "x-notify:" Attribute

- "x-notify:" attribute in route object
- Syntax:
  - NIC-handle of person or role
  - mntner object handle (preferred)

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Notification

- If x-notify is in your route object
  - notification upon submission if:
    - overlapping routes in RR
  - notification later if:
    - overlapping route is announced in RR

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Open Issues

- Is it useful?
- Global RR means notification delay
- NIC-handle/mntner for notification
  - not consistent, but
  - **much better!**