

BGP Next-Hop SAFI

draft-varlashkin-bgp-nh-cost

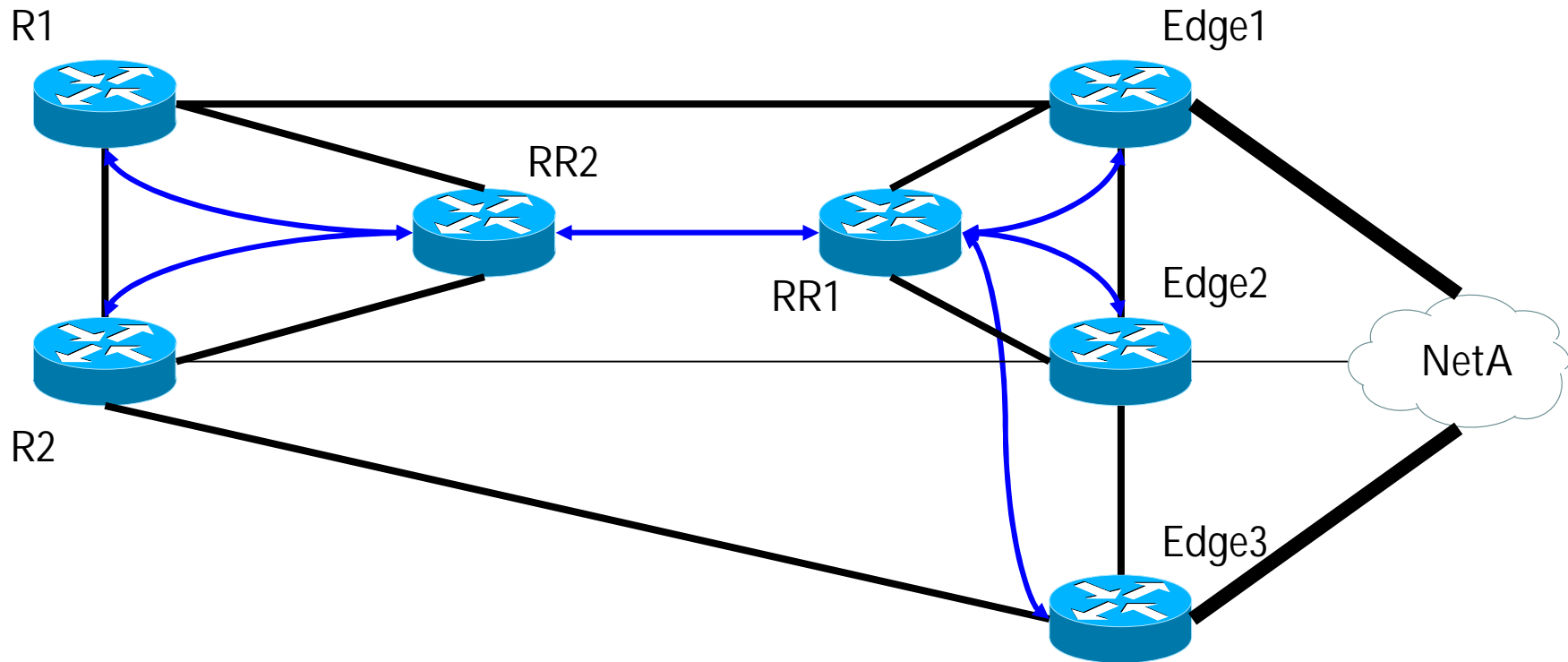
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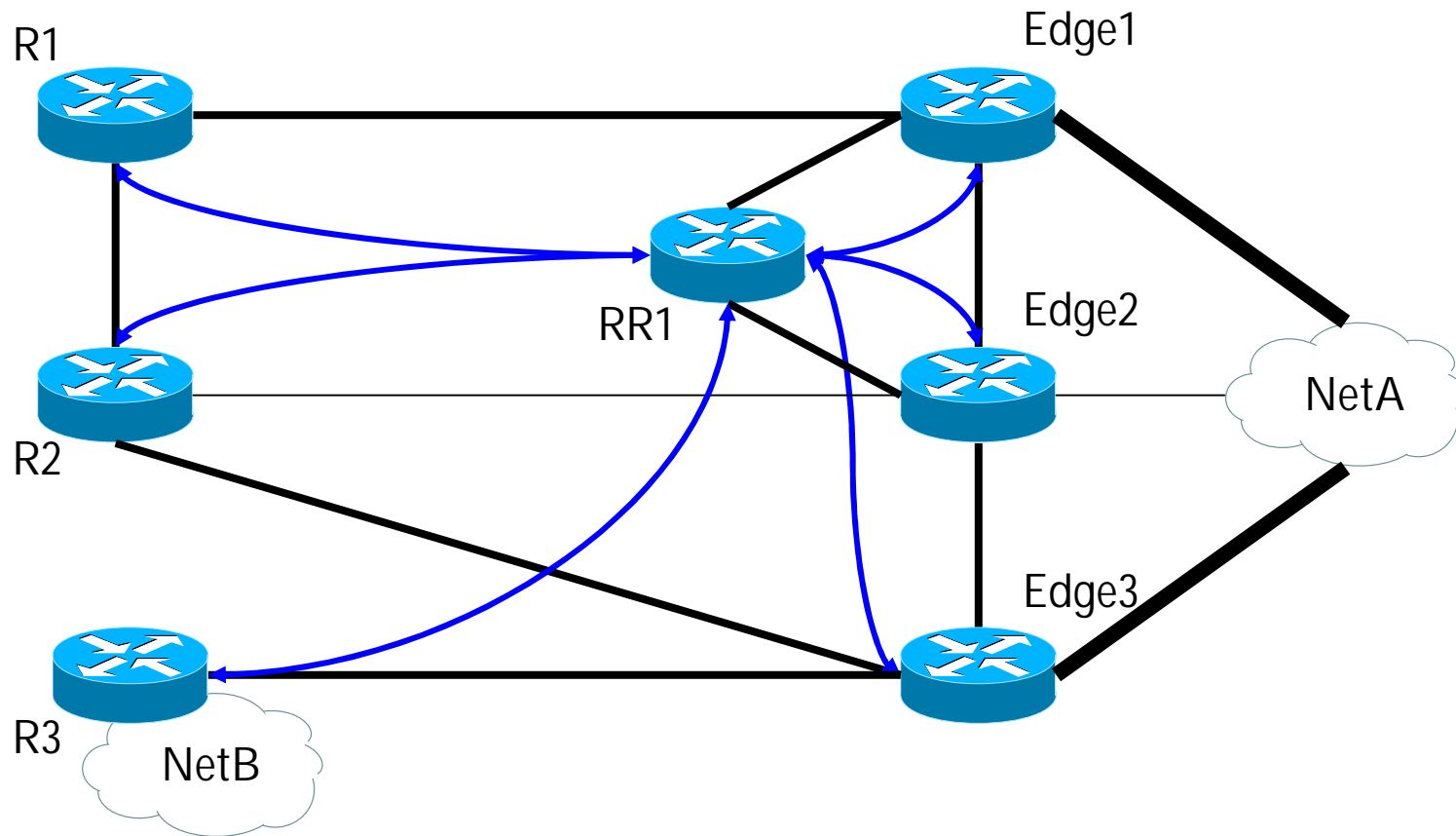
Next-Hop SAFI overview

- Inform Route-Reflector about cost to NH
 - where IGP has no visibility, or
 - where non-IGP based cost is desirable
- Applicable to both IPv4 and IPv6, also VPN
- Query/response operations
 - asynchronous (ask when need, inform when have something to say)
 - utilises existing BGP Attribute 14

Multiple Route-Reflectors



Non-IGP cost to Next-Hop



What's next?

- WITHDRAW encoding: Attribute 14 or 15?
- Inter-RR optimisation?
- General interest?
 - WG adoption?

Thank you!