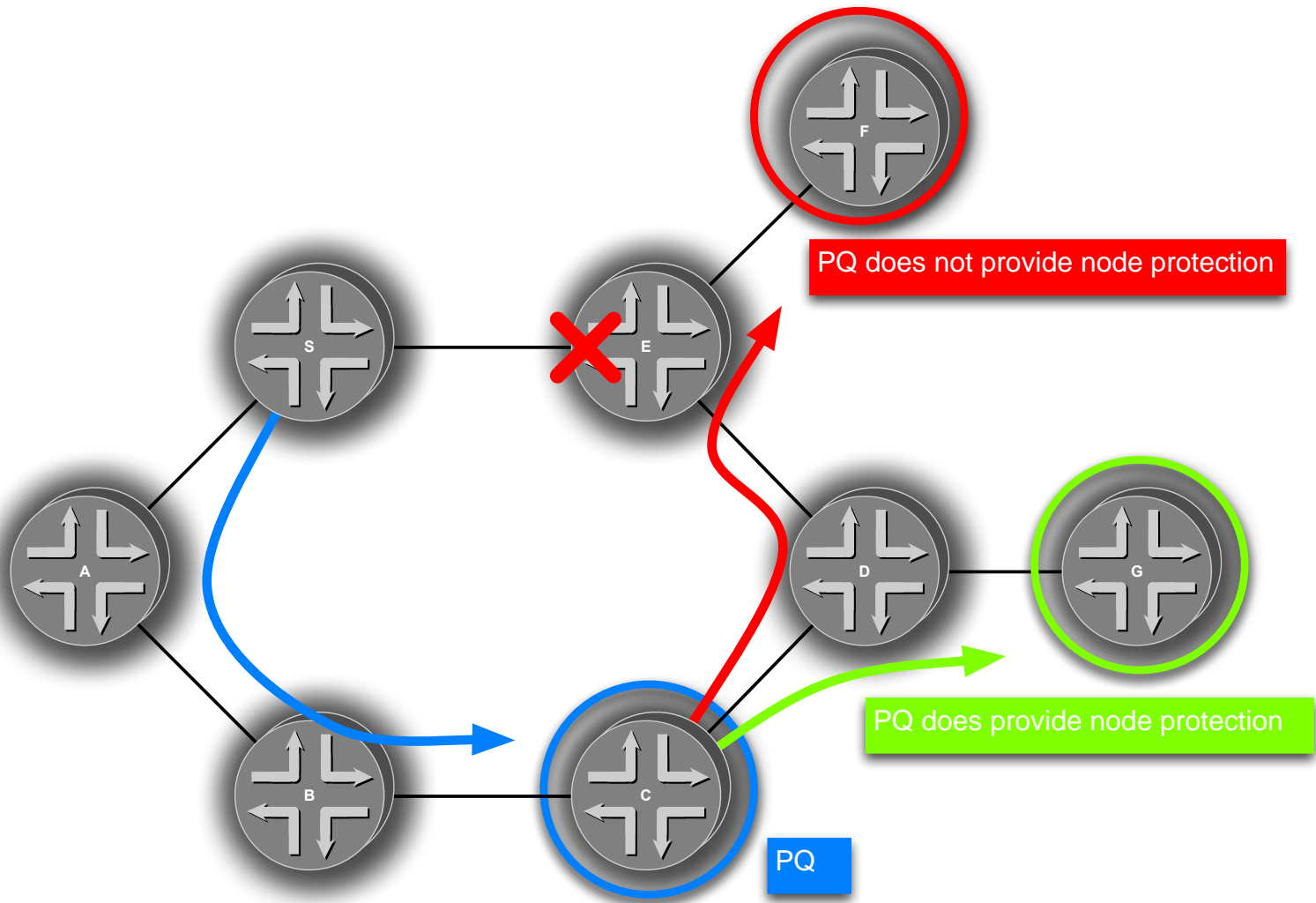


On Node Protecting Remote-LFA and Manageability

draft-psarkar-rtgwg-rlfa-node-protection-01

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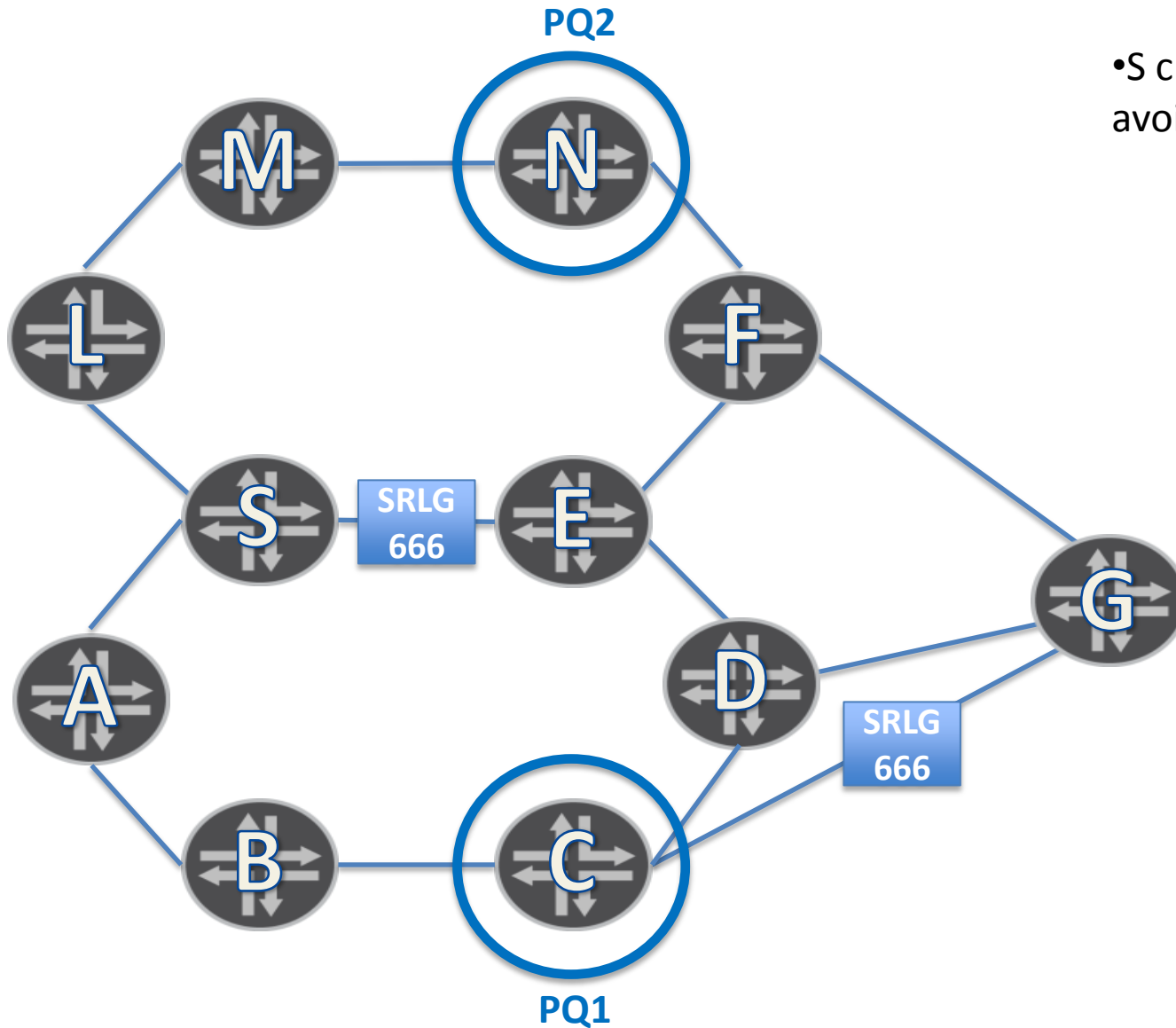
The Setup



Implementation

- Two Implementations to check if PQ -> Destination is node protecting:
 - Primary Next-Next-Hop *Reverse SPF* calculation
 - PQ *Forward SPF* calculation

Lets add network policy ...



- S chooses PQ2 to avoid SRLG 666

Reverse SPF implications

- R-SPF *does not walk* along forwarding path
 - Its *blind* on PQ->Dest path properties

Forward SPF implications

- F-SPF *walks exactly* along forwarding path
 - Its *fully aware* on PQ->Dest path properties

Summary

- Reverse-SPF based Node Protection calculation as per [draft-litkowski-rtgwg-node-protect-remote-lfa-00](#) clashes with requirements in [draft-litkowski-rtgwg-lfa-manageability-01](#)
- Suggest to stay *coherent*, such that both node-protection and manageability is implementable
- WG adoption ?