

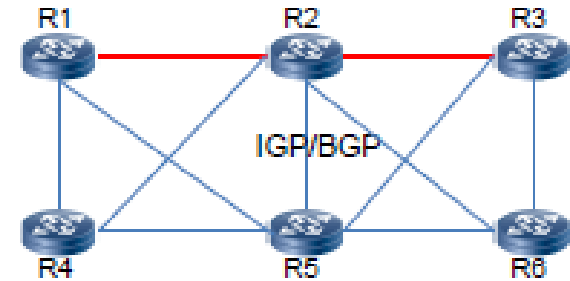
BGP community based PCE in native IP network

Lu Huang, China Mobile

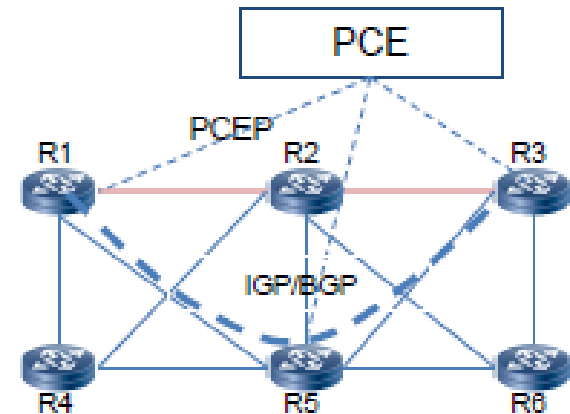
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Problem to be addressed

- This draft is for the same scenario and requirement as the draft [I-D.wang-teas-pce-native-ip]
 - Find a way to support traffic steering in a native-ip network



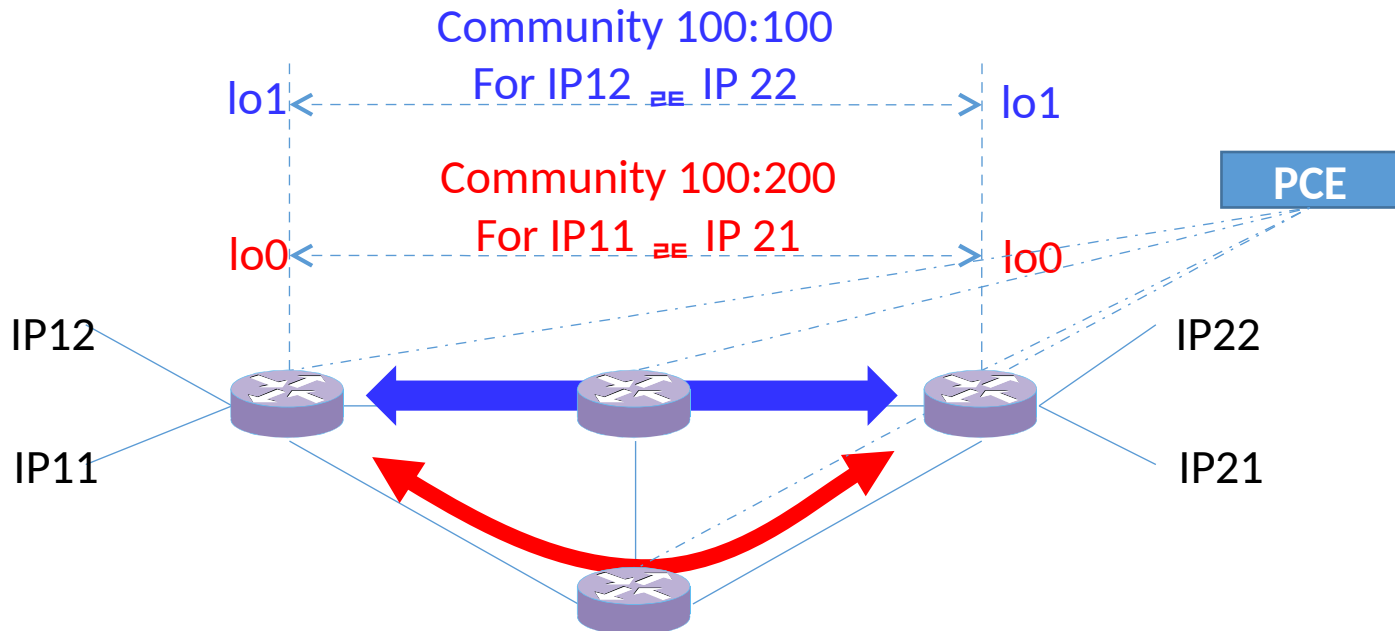
Native IP Network



PCE in Native IP Network

Proposed solution

- Use BGP community to differentiate traffics with various priority
- Assign a specific next-hop address for a specific BGP community
- Through PCE, set explicit path hop by hop for the specific next-hop address to steer the related traffic as needed



Next Steps

- Welcome your comments and suggestions
- Request for WG adoption

Thanks