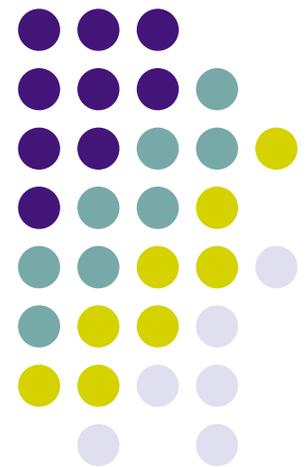


Multicast Support for MAP

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IETF 87





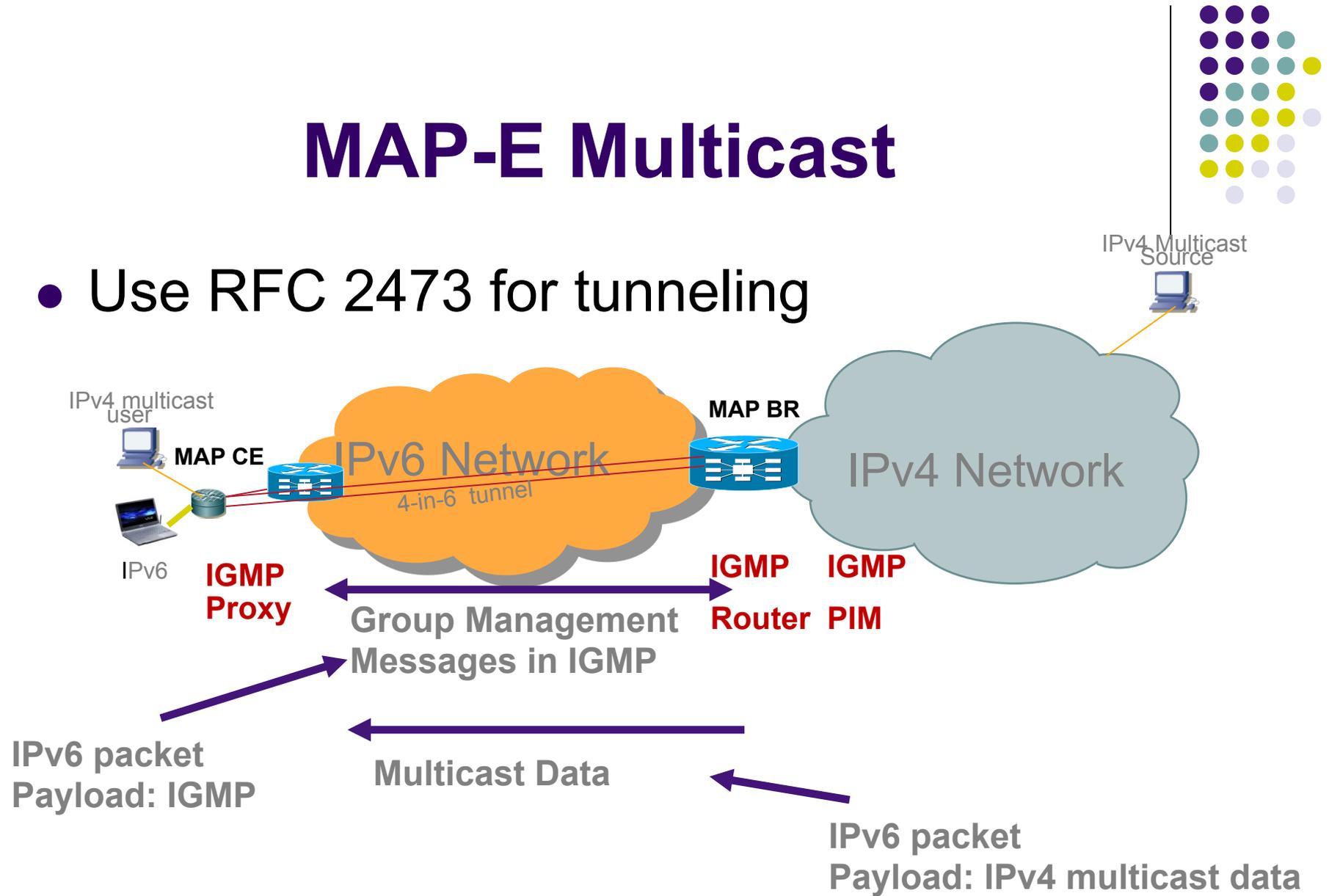
MAP Multicast

Motivation

- MAP IPv6 transition technologies are unicast
- Multicast support approaches for MAP are needed mainly for MAP-E but also MAP-T & 4rd to enable IPv4 hosts to have multicast communication over IPv6 network
- **draft-sarikaya-softwire-map-multicast-00** defines encapsulation for MAP-E and translation for MAP-T & 4rd based multicast support
-

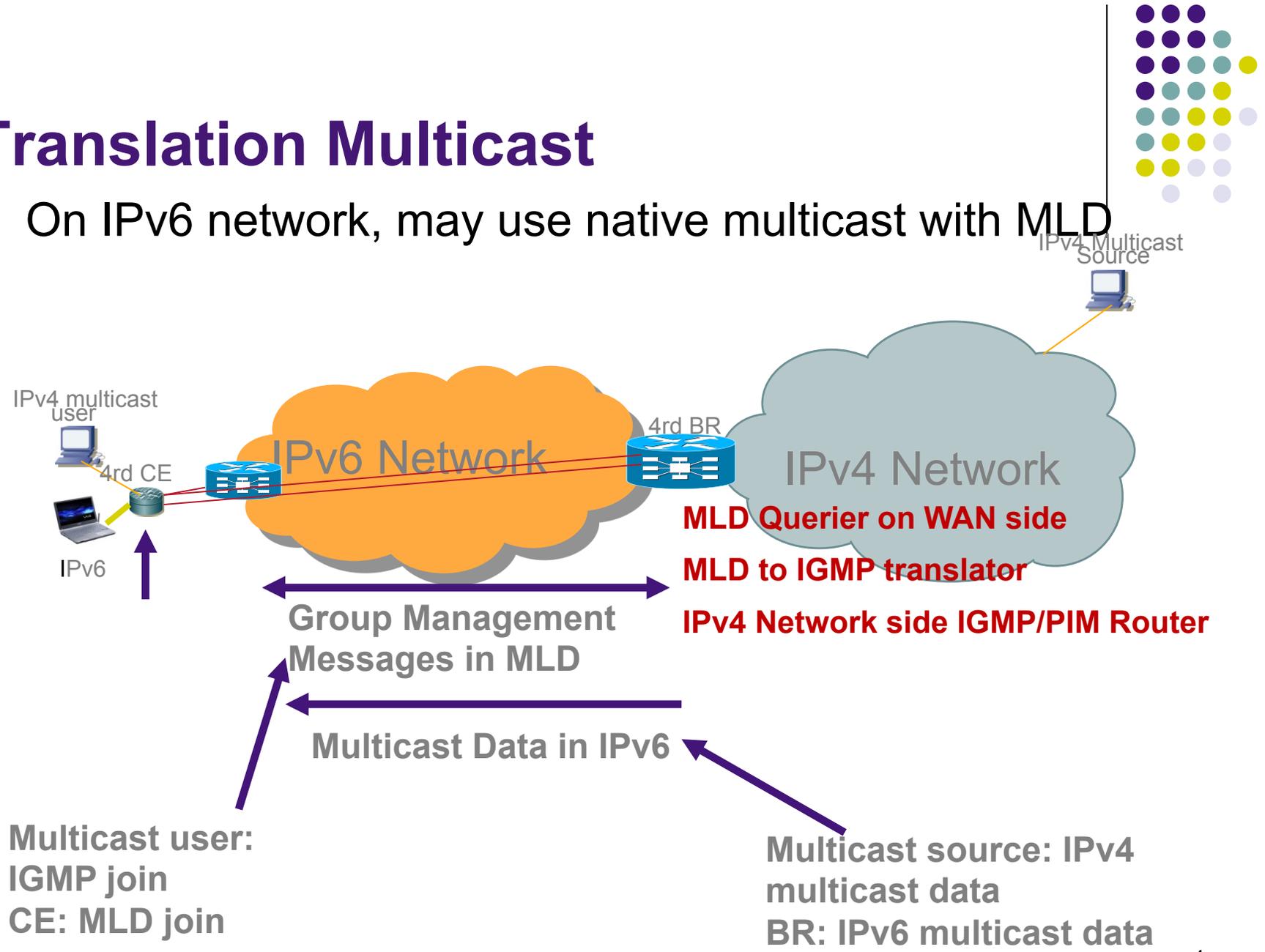
MAP-E Multicast

- Use RFC 2473 for tunneling



Translation Multicast

- On IPv6 network, may use native multicast with MLD

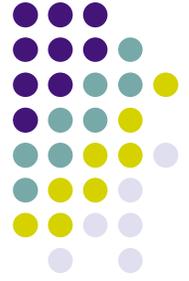


Discussion



- MAP-E multicast is based on RFC 2473 encapsulation
- Use Multiple BRs but for different groups, same group use always the same BR
- This provides more scalable solutions
- Eases the avalanche problem
-

Next Steps



- Propose to add this draft to MAP set of WG drafts to complete the picture