MAC move over Geneve encapsulation

draft-boutros-nvo3-mac-move-over-geneve-01

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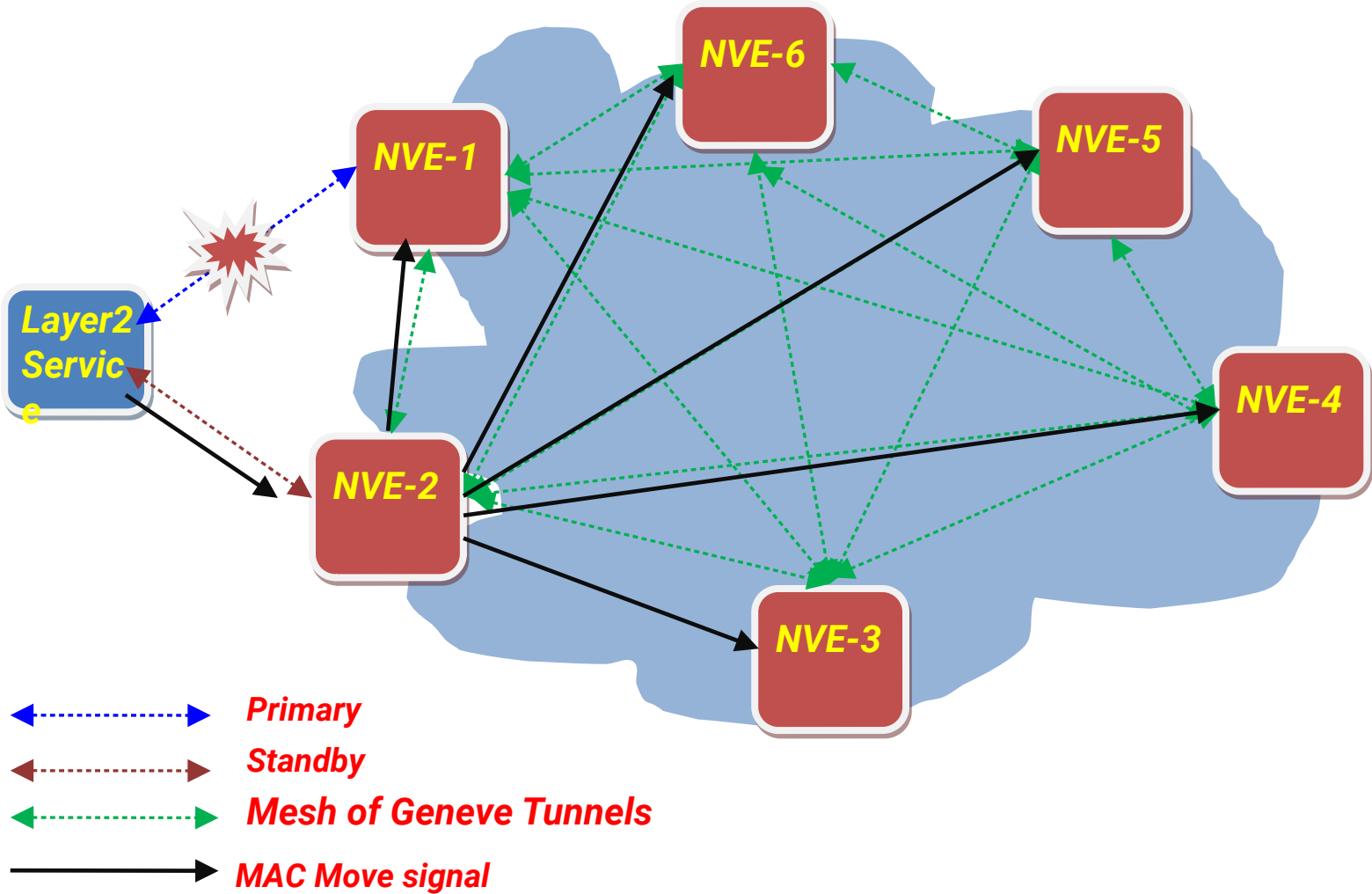
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MAC Move signaling – use case

Primary

Standby

Mesh of Geneve Tunnels

MAC Move signal

MAC Move signal

- New Geneve option TLV.
- Sent on failover by backup NVE over the Geneve Tunnel for the L2 logical segment identified by the VNI number to move the MACs learned via the old active NVE.
- Receiving NVE sets the ACK bit in the response
- In absence of ACK, sender retries 3 times at one second interval.
- An ACK receipt with higher sequence is implicit ACK for all lower sequence sent.

Next steps

- Seeking comments?

Thank you