

MIPv6 RAW mobility

draft-bernardos-raw-mobility-00

IETF 116 – DMM WG

Carlos J. Bernardos – UC3M
Alain Mourad – InterDigital

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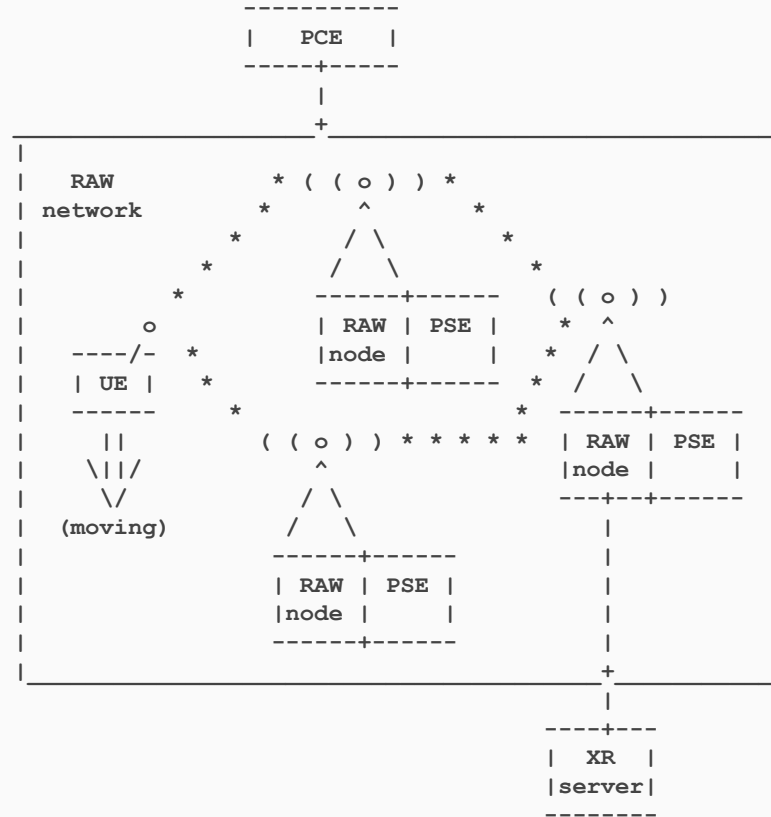
Aim and scope

- There are use cases where reliability and availability are key requirements for wireless heterogeneous networks in which connected devices might be mobile
- Goals:
 - Discuss and specify control plane solutions to cope with mobility, by proactively preparing the network for the change of point of attachment of a connected mobile node
 - Define Mobile IPv6 extensions implementing these control plane solutions

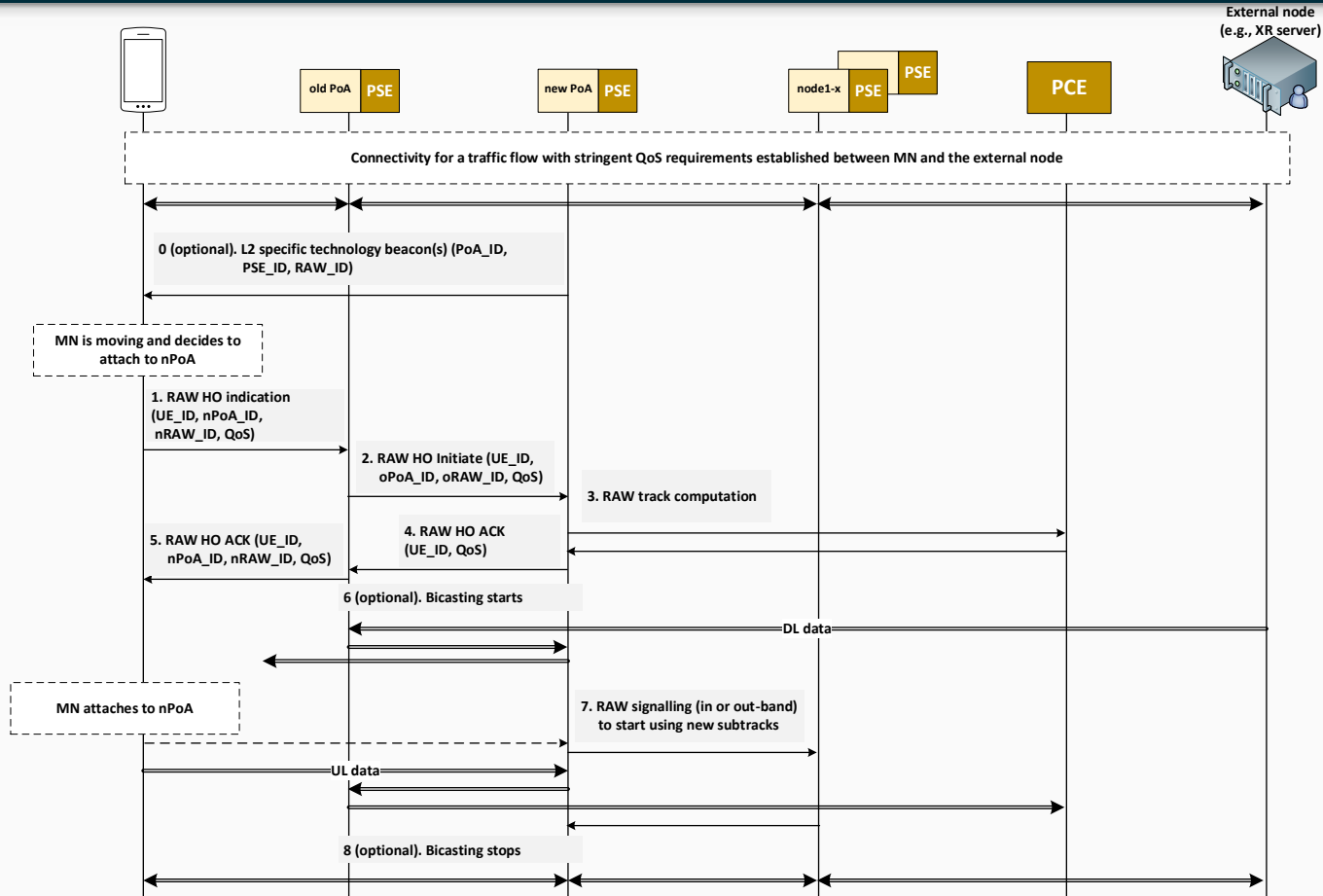
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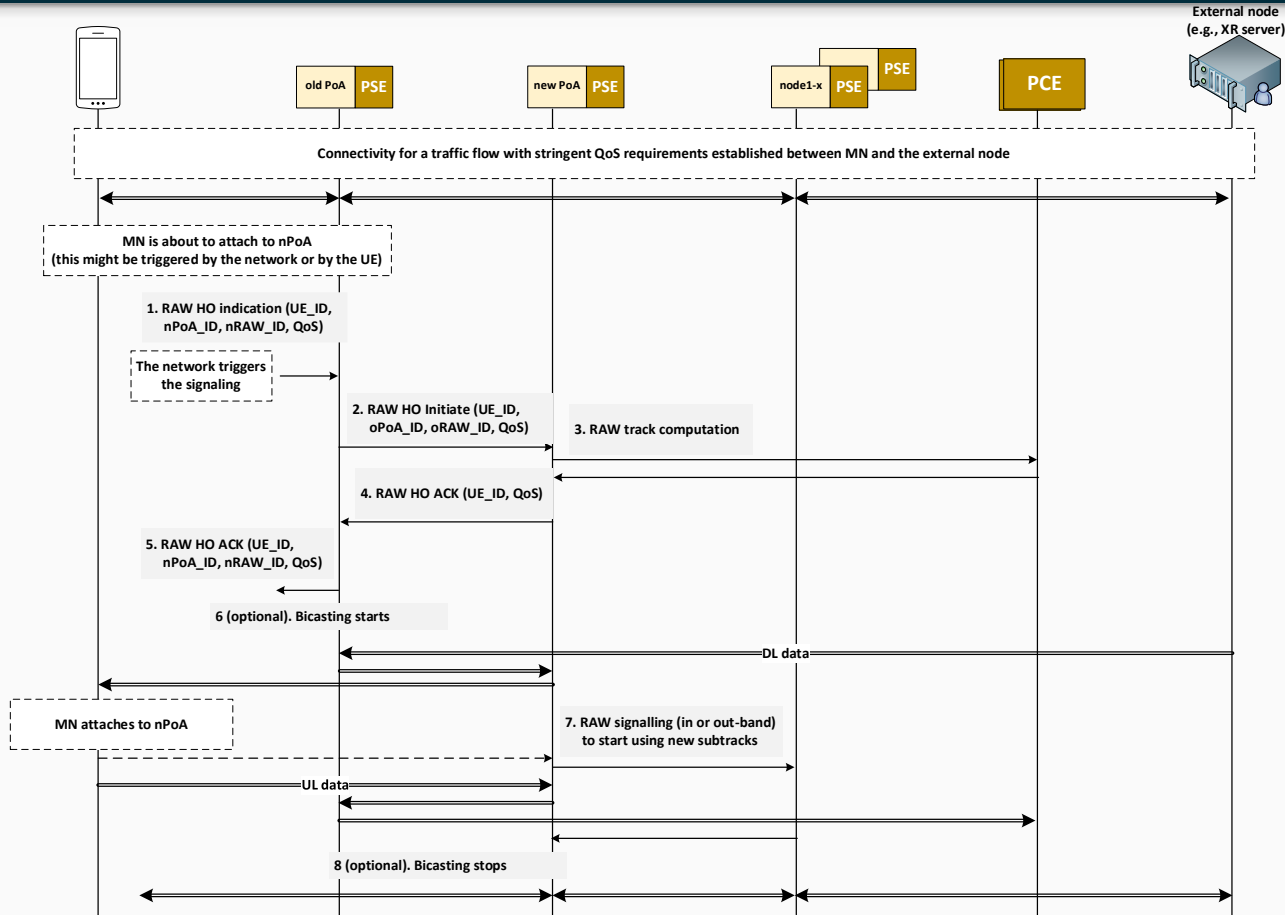
Example scenario



UE-controlled RAW-enabled mobility

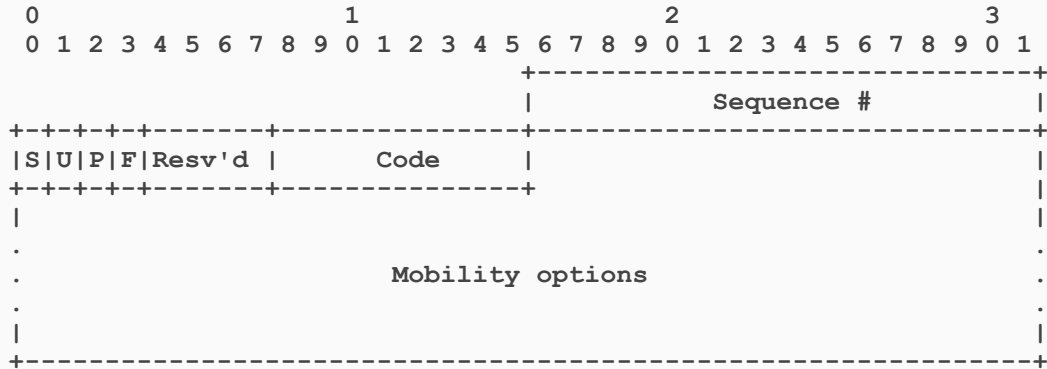


Network-controlled RAW-enabled mobility

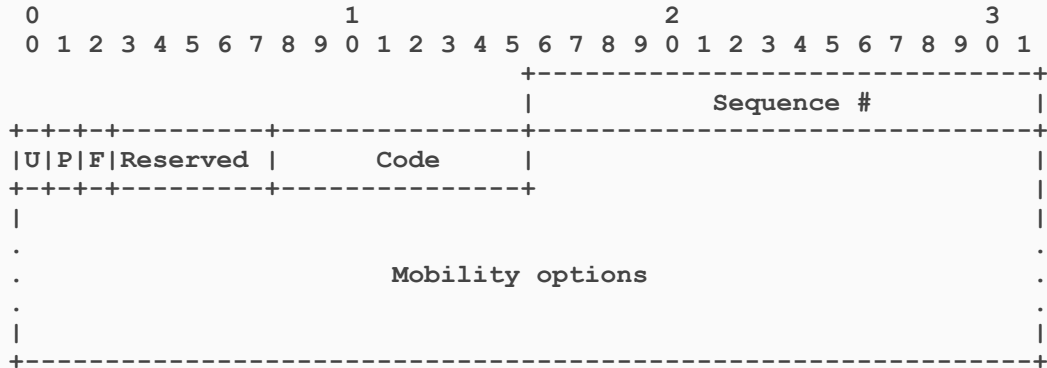


Proxy Mobile IPv6 extensions

- RAW HO Initiate

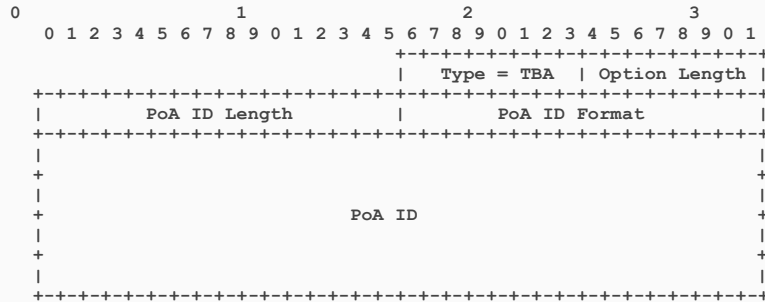


- RAW HO ACK

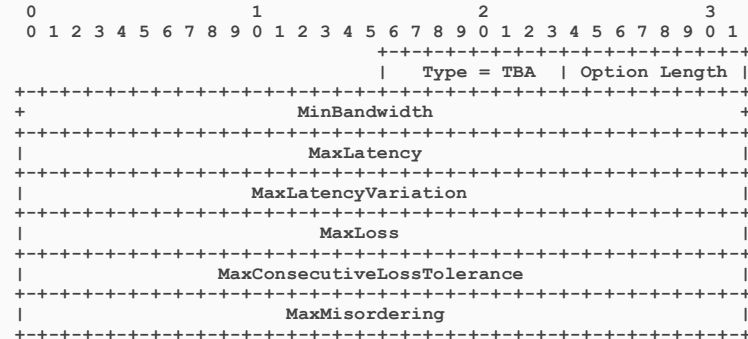
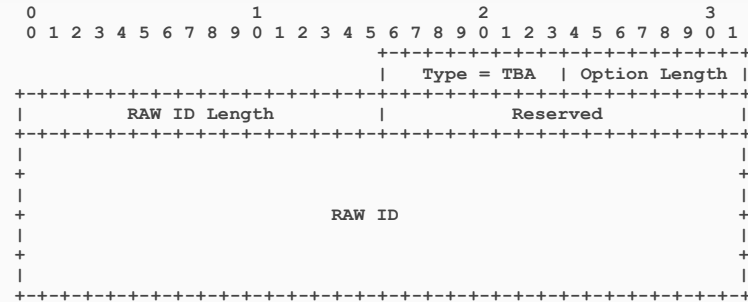


Proxy Mobile IPv6 extensions

- New mobility options
 - RAW_ID mobility option
 - PoA_ID mobility option



- RAW QoS mobility option



Next steps

- Collect feedback from DMM and RAW (will be presented there as well)
- Questions/comments?