

MN Identifier in PMIPv6

Why is it needed?

- MN ID may be used to assign IP addresses/prefixes to the MN
 - Unlike MIP6, HoA/HNP cannot be assigned in IKEv2

 - Per-MN authorization?
 - Tricky case without MN involvement
 - Currently out of scope for base protocol
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Assumptions on MN ID

- Available from network access authentication
 - Not always true
 - There may be no access authentication!
 - Identity privacy may be used for access authentication

 - Use of CGA public key as the MN ID
 - Only available when SeND is used

 - L2 address
 - Limited to intra-technology use
 - Some L2's have a changing L2 address within the same technology

 - Randomly generated unique ID within PMIP domain
 - Who generates it and how does the MAG learn it?
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