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
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?