MIPv6-AAA problem statement
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IETF 59th mip6 WG

Outline

- AAA application scenarios
- Problem statement
- Why in this WG?

AAA application scenarios

- Dynamic Home prefix assignment
- Dynamic HA assignment
- Bootstrapping Mobile IPv6 SA from AAA

Problem statement

- Two types of AAA are different
  - AAA for network access
  - AAA for Mobile IPv6
- MIPv4-AAA approach
  - Integrated in FA

Problem statement (cont.)

- MIPv6-AAA(no foreign agent)
  - Some function is needed
    - MSAAA: AAA attendant to provide AAA for Mobile IPv6 service for MN
  - How to relate the AAA for network access to the AAA for Mobile IPv6?

Where to put this function?

AAA

?

?

| MN | ? | MSAAA | | HA |
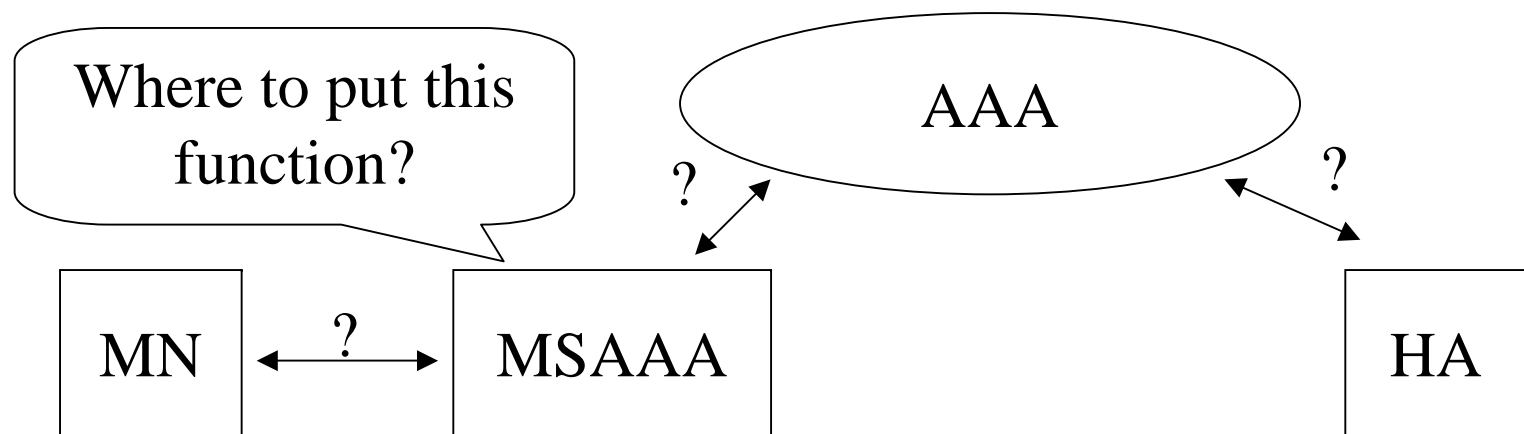
MSAAA:MIPv6 Service Aware AAA Attendant

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Why in this WG?

- Operators need manageable solution that needs less (ideally zero) pre-configured Mobile IPv6 parameters.

- AAA-based service bootstrapping is known to be a valid architecture

- Possible work splits
  - Architecture and MSAAA definition --- MIP6 WG
  - Diameter Mobile IPv6 application --- AAA WG