Multiple Care-of Address Registration draft-ietf-monami6-multiplecoa-03.txt

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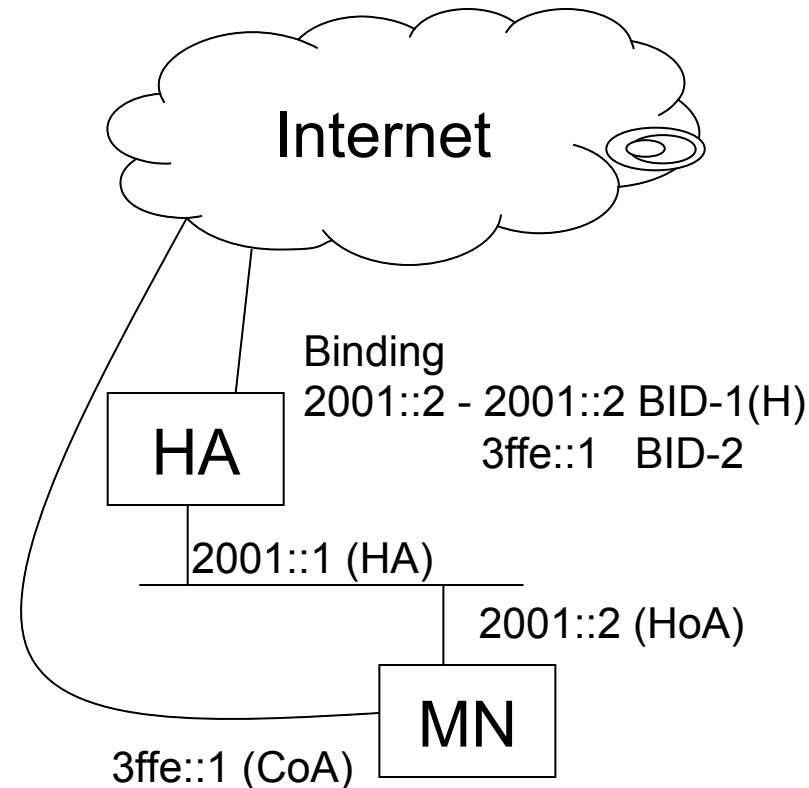
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Status

- draft-ietf-monami6-multiplecoa-03.txt

- Updates
  - Add Security Considerations
  - Add IANA Considerations
  - Add H flag for BID option and Modify Returning Home

H flag for BID sub-option

- MN utilize interfaces attached to home and foreign links simultaneously with H flag set in BID sub-option
  - Home Binding (H) flag indicates that the mobile node is attached to the home link. This flag is valid for Home Registration, Deregistration and bulk registration.

- Assumption
  - when H flag is used, HA MUST NOT use Proxy ND to intercept packets for MN on the home link.
  - *draft-wakikawa-mip6-no-ndp-01.txt*
    - *presentation in NEMO WG*

Internet

Binding
2001::2 - 2001::2 BID-1(H)
3ffe::1 BID-2

HA

2001::1 (HA)

2001::2 (HoA)

MN

3ffe::1 (CoA)

Binding Revocation

- Revoked
  - single binding
  - multiple bindings
  - all the bindings

- will contribute to draft-muhanna-mip6-binding-revocation
- Note that each binding registered with BID can be treated as "regular binding" on HA. It is reasonable to consider to remove one of bindings from the registered bindings by binding revocation.

Next Step

- no issues on the ML
- ready for WGLC