

Mobile IPv6 Fast Handovers

`draft-ietf-mobileip-fast-mipv6-06.txt`

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Update

- Tunnel establishment (HI/Hack exchange) only after processing FBU
 - fewer messages during handover (single message over the air)
 - avoid the need for handover state establishment (and management) ahead of FBU at the access routers
- Revised FNA: a message to the new router by the MN to
 - announce its attachment
 - confirm new CoA if necessary (i.e., when Fback has not been received)
- Recap: Goals for fast handover:
 - allow the MN to send packets as soon as link connectivity is established
 - forward packets to the MN as soon as its presence is detected

Outstanding issues

- How to secure FBU ?
 - Relies on a trust relationship between MN and PAR
- Is there a solution we can use ?
- Are we supposed to address establishing SA between MN and AR ?

Reference Diagram

