

Mobile IPv6 Fast Handovers: Update

draft-ietf-mobileip-fast-mipv6-05.txt

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Current Status

- Support for anticipation via PrRtAdv
- Tunneling support for Previous CoA to send and receive packets
- Tunnel establishment via
 - PrRtAdv
 - link-layer indication
 - FBU (subsequent to new link establishment)
- Forwarding on the tunnel upon processing FBU
- Three-party handover, tunnel lifetime negotiation (both optional)

From the ML discussion,

- 1 Move PrRtSol and PrRtAdv to an earlier time
 - MN SHOULD do this during router discovery
 - MN MAY do this anytime after router discovery

 - 2 Allow PrRtSol to include a wildcard for all neighboring AP - AR information
- 1) and 2) facilitate fewer messages during handover, avoid the need for handover state establishment (and management) ahead of FBU, "improve" chances of anticipating new CoA

 - Next step for FMIPv6 ?