

Route Optimization update

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IETF 47

draft-ietf-mobileip-optim-09.txt

Basic features

- Binding Cache messages
 - Binding Warning
 - Binding Request
 - Binding Update
 - Binding Acknowledge
- Smooth Handoff
- New advertisement bit
- Handling mobility-unaware IPv4 nodes

List of changes

- Use Generalized Authentication Extension subtypes instead of separate type numbers
- Introduced Smooth Handoff authentication subtype
 - needed since foreign agent is source address, not mobile node
- Introduced Binding Warning extension to Registration Request, with type number

More Changes

- Home agent MAY send binding updates when a mobile node reregisters
- ‘T’ bit included in diagram
- Moved “Master Key” section to appendix

Issues

- Binding Update should be used instead of new Registration Messages in 3G document
 - or, at least their functions should be harmonized
- Interoperability testing?