Route Optimization

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Route Optimization

new drafts available:

draft-ietf-mobileip-optim-07.txt draft-ietf-mobileip-regkey-00.txt draft-ietf-mobileip-spectun-00.txt

Basic parts reflected in reorganized drafts:

- Overview
- Binding Cache Maintenance
- Smooth Handoff

New drafts for:

- Registration Key
- Special Tunnels

Binding Cache Maintenance

- Binding Warning
- Binding Request
- Binding Update
- Binding Acknowledgement

Home Agent typically supplies a Binding Update to Correspondent Node after Binding Warning

Binding Warning may be supplied to Correspondent Node by any node – especially previous foreign agent

Smooth Handoffs

Mobile Node supplies Binding Update to previous FA to enable previous FA to forward "packets in flight".

- Short timeout
- Registration Key required for secure operation