

Mobile IP  
(RFC 3344)  
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# Why Mobility?

- ♦ When you move to a new subnet you get a new IP address.
- ♦ Don't want to close connections if possible.
  - ♦ Not compatible with TCP/UDP as packets are routed by IP address (no other real solutions exist)
- ♦ Don't want to miss traffic if possible (other solutions exist). Again packets are routed using the IP of the host.

# Two Solutions (bad)

- ✦ Change routing such that routing decisions are made based on hosts.
- ✦ Dismiss the connections by merely changing the IP address and nothing else. Force the application layer to deal with the problem.