

HIP Mobility and Multihoming Plans

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Mobility and Multihoming

- hip-mm draft defines framework for mobility and multihoming
 - SIMA draft defines more complex multihoming
- New draft defining a more concrete subset of mm draft
 - Concentrate on fault tolerance and sequential behavior
 - Use of a single address at a time
- The mm draft states that alignment with SHIM6 REAP and site-multihoming is further work
 - Going to define this in a new draft for the next IETF

NAT Traversal

- WG has a NAT draft, but multihoming is not properly defined
 - End-host multihoming needs more clarifications
 - Site multihoming with NATs needs more clarifications
 - Concentrate on failover
 - Host is not aware that it is multihomed: multiple exists paths with single NATted address
- Include NAT IP address and port in locators?
 - Currently excluded
- Integrate ICE and HIP (Philip Matthews)
 - Both-hosts-behind-NAT scenario would work better with ICE
 - Use it in P2P SIP?

Challenging NAT Case

