



IPsec between MN and CN

draft-dupont-mipv6-cn-ipsec-01.txt

IETF61-MIP6

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Short presentation



- Some people (including the second author) don't believe that the return routability procedure provides enough security
- Implicit applicability (so we won't talk about it)
- IPsec and IKE profiles (for instance, use the home address)
- Strong proof of origin
- Get the triangular routing back for free (home address option validation)
- Protect the mobility signaling for routing optimization
- State-cookie mechanism for care-of address test (mandatory for "real alternate care-of addresses")
- Conclusion: give a new reference point for routing optimization security



■ Next steps



- WG item?
- Separate document for the cookie-based care-of address test (as it is not specific to IPsec, see next presentation)
- Implementations (already one, others?)

