ESP WITH HIP DRAFT-JOKELA-HIP-5202-BIS

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› ESP transport mode used to carry application data

› Bound End to End Tunneling mode added to appendix
  – BEET only an implementation issue, affects node internal handling
  – BEET doesn't require that both end points implement it

› SPD entry is a combination of tunnel and transport
  – Internally host acts like SPD would be a tunnel mode SA but inner header is removed and outer header is replaced
  – On wire the packet appears as it would be sent as transport mode

› Both implementation alternatives are interoperable

TO BE DONE

› Co-existence of HIP and IKE with complex security policies
- Behavior needs to be clearly defined
- Double authentication and/or encryption

› Adjusting the Suites with RFC5201-bis

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RFC5203-BIS

HIP REGISTRATION

› NO CHANGES

› Just update references to standard track documents

RFC5204-BIS

HIP RENDEZVOUS

› Add support for forwarding UPDATE packets
- double jump is not supported by current mobility

› Update references to standard track documents