

Media Description for IKE in SDP

draft-saito-mmusic-sdp-ike-01

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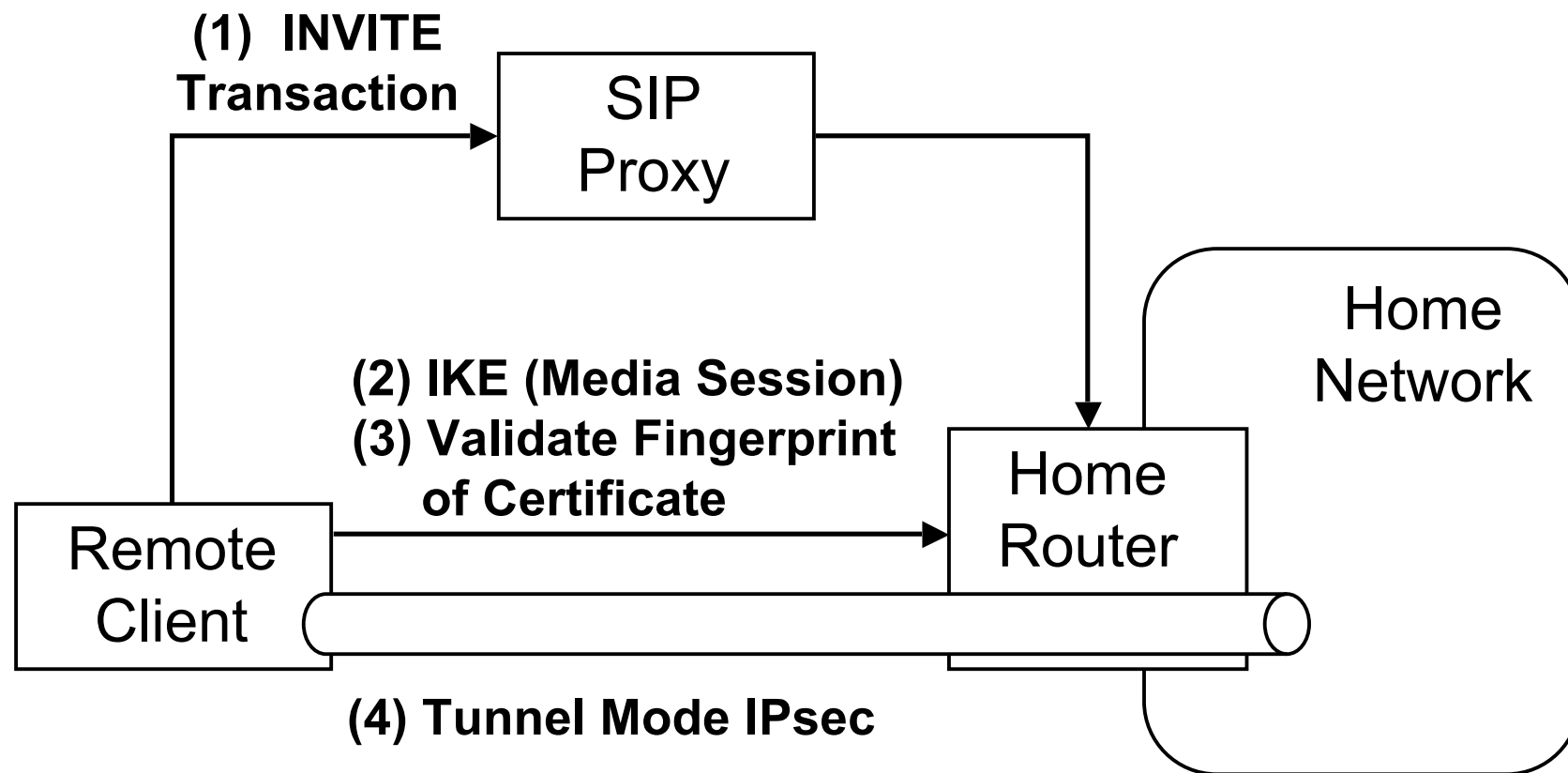
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Purpose

- Setting up IPsec (IKE) Using SIP
 - VPN to a home router (or NAT device), etc.



Proposals

- Exchange Fingerprint of Self-Signed Certificate for IKE Authentication
 - Same Concept as Comedia-tls (RFC4572)
 - **a=fingerprint**
 - SIP Identity (RFC4474) can be used for Integrity of SDP
- New Media Format Description “IKE”
m=application 500 UDP IKE (IKE over UDP)
- New Attribute “udp-setup”
 - Similar to Comedia (RFC4145)
 - a=udp-setup:active** (IKE Initiator)
 - a=udp-setup:passive** (IKE Responder)