

Source Address Validation with Host Identity Protocol

[draft-kuptsov-sava-hip-01.txt](#)

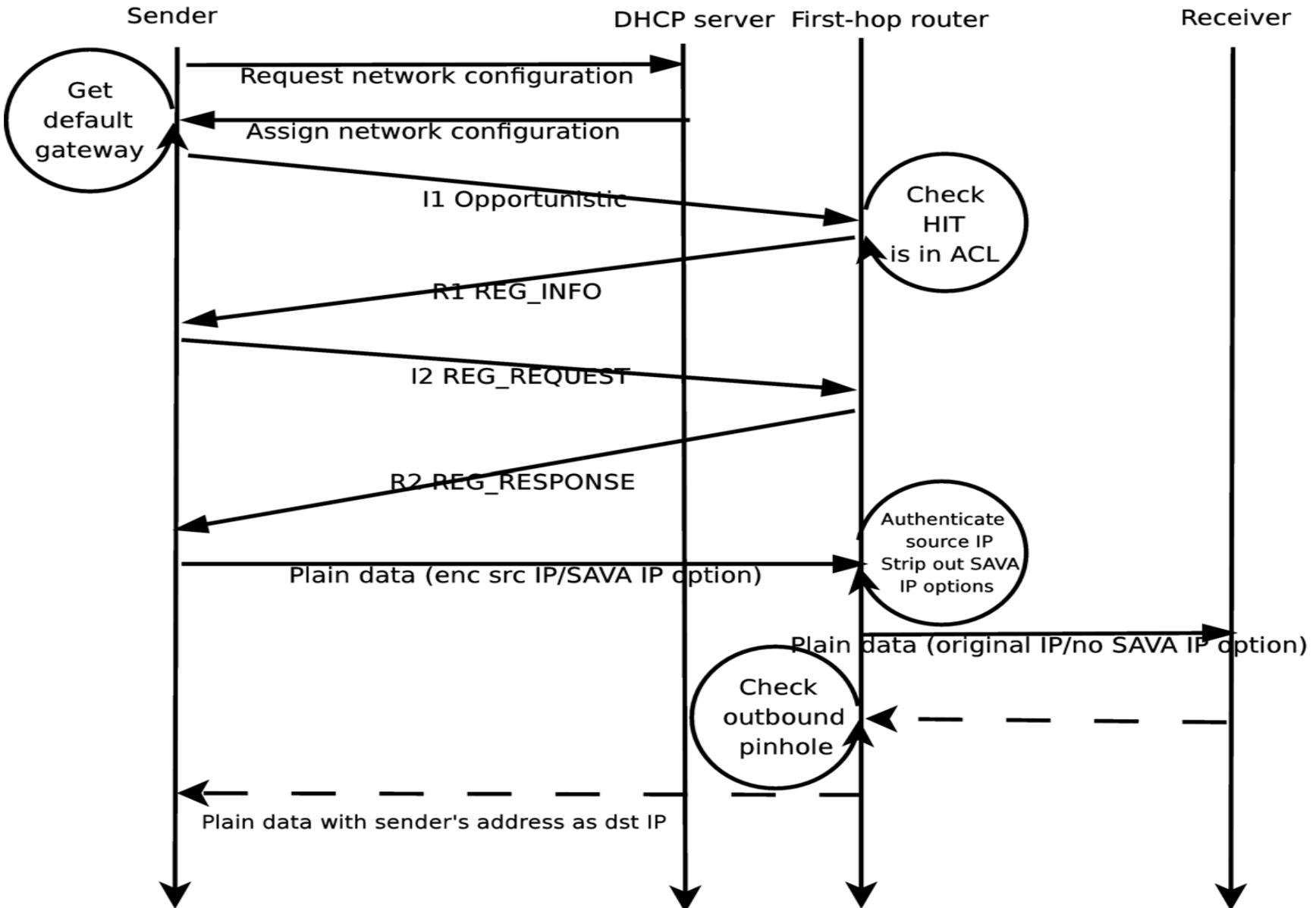
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SAVA-HIP Architecture



SAVAH vs. CGA Approach

- SAVAH benefits
 - IPv4 and IPv6 support
 - No IPR issues
 - Supports mobility
 - Strong authentication of host identity
- SAVAH evens
 - As with CGA, hosts in a local network and first-hop router needs updating
 - Legacy hosts in the rest of Internet unmodified
- SAVAH costs
 - Computational overhead of signature verification and IP header rewriting at first-hop router