

# **DHCPv4 Option for Home Information Discovery in DSMIPv6 IETF-75**

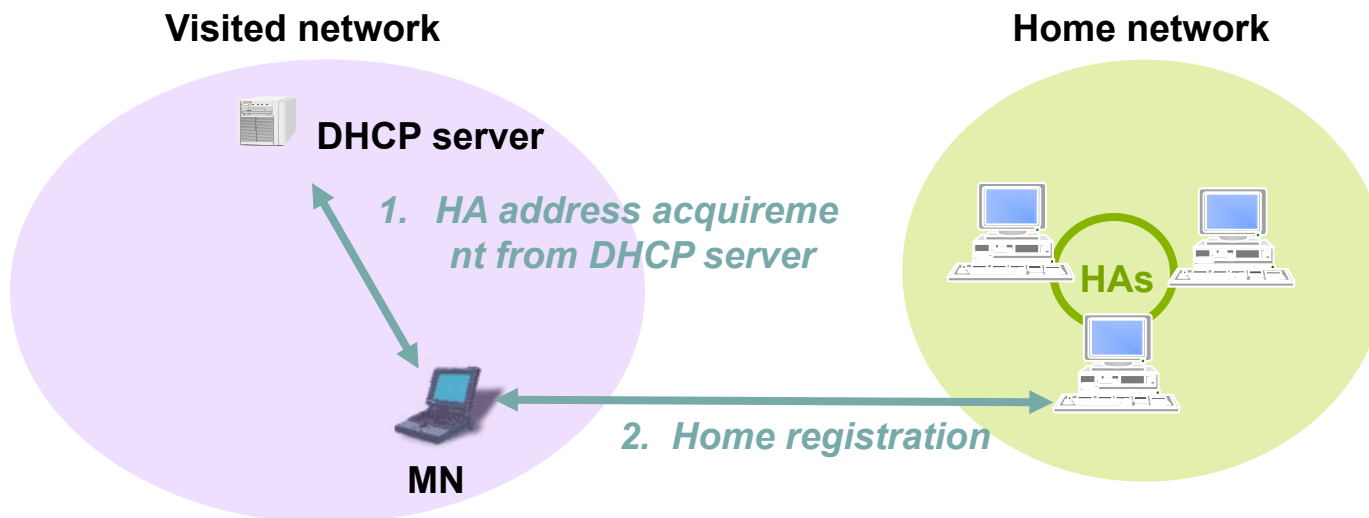
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<http://tools.ietf.org/id/draft-xia-mext-hioptv4-00.txt>

# Procedure Introduction



- A MN (mobile node ) requests a home agent's address from a DHCP server
- The MN registers its current location to the home agent

# Problem

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- The DHCP server could be DHCPv4 or DHCPv6
- **draft-ietf-mip6-hiopt-17.txt** (Now in RFC Ed Queue) is only applicable to DHCPv6 servers



# Solution

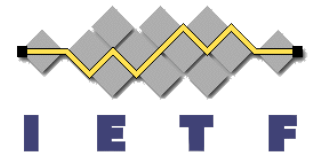
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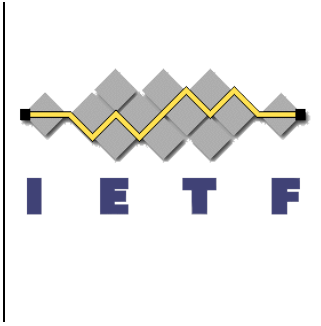
- This draft defines the corresponding DHCPv4 options
- Home Network Information Option  
Option-code  
OPTION\_DSMIP6\_HNINF (TBD)
- DSMIPv6 Relay Agent Option  
Option-code  
OPTION\_DSMIP6\_RELAY (TBD)



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- Comments?





Thank you