

Extensions to Layer 2 Relay Agent
draft-ietf-dhc-l2ra-extensions-00.txt

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Extension to Layer 2 Relay Agent

- Extending RFC 4388 to Layer 2 Relay Agent
 - Added mechanism to initiate lease query from layer 2 relay agent
- Prevention of flooding of DHCP messages between L3RA and L2RA
 - New DHCP sub-option suggested to prevent Layer 3 Relay Agent broadcasting DHCP reply message towards the Layer 2 Relay Agent.
 - New DHCP option to prevent broadcast of lease query reply from Layer 3 relay agent to layer 2 relay agent

Next step

- There is a plan to extend 'query-by-remote-id' to layer 2 relay agent.
- We request DHC chairs to request couple of DHCP experts to review this document.
- We need more review in working group.