Lifetime Option for DHCPv6
draft-venaas-dhc-lifetime-01.txt

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Summary

☐ An option for specifying lifetime of other DHCPv6 options that have no associated lifetime

☐ Tells the client when to contact DHCP server to update configuration

☐ Useful for planned changes, set small lifetime when change nears

☐ May be of help for unplanned changes, by using a small lifetime in unreliable environments

☐ No server state required

Client behaviour

☐ Client may include it in Option Request Option for all messages allowing ORO

☐ If client contacts server before lifetime expires, it should update data covered by option anyway

☐ When expires, wait random time 0 - INF_MAX_DELAY and try to update

    ○ Usually Information-request Message.

☐ If this fails, behave as if lifetime option never received

Server behaviour

□ When sending options to client, server should use this option if:
- Requested by client
- Or, if no options in message have associated lifetime