

Registering Self-generated IPv6 Addresses using DHCPv6

draft-ietf-dhc-addr-notification-00

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Changes Since IETF116

Reply Message

- Renaming to ADDR-REG-REPLY
- To be consistent with ADDR-REG-INFORM
- Not optional (the server SHOULD respond)
- The client MUST stop retransmission

Clarified Transaction ID Usage

- Mandatory field
- The same transaction-id for retransmits
- New ID for refresh messages

Is it useful? Do we need some text explicitly stating that the server *MAY* (*MUST?* *SHOULD?*) ignore logging duplicate messages?

Retransmission mechanism

Changed to the standard mechanism ([RFC8415, section 15](#))

Cosmetic Changes

- Consistent use "client" instead of "end-host", "device"
- Text cleanup (removing duplicate sections etc)

To Be Added: Additional Benefit

If the address is not "appropriate to the link" the server:
MUST drop the message, and **SHOULD** log this fact.

Allow to monitor for rogue RAs: as devices would register addresses not appropriate for the link.

Next Steps

- More comments, suggestions?
- Ready for Working Group Last Call?