

Service Identifiers List Option for DHCPv6

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Update since last meeting

- Allow client soliciting this service.
- Lifetime issue
- Clarify several other mechanisms.

Client soliciting this service

- A mobile node could also provide this option with a list of service, the server should use that to limits its response to just those services.
- A client MAY provide this option with a list of the services it is [and/or is not] interested in.
- A server MAY use the client's provided option to limit what it places in the response to the client.
- However, A server is not required to do this and may just send back a configured list.
- Note that in any case the client MUST include this option in the Option Request Option (there is no obligation for a server to return this option if it does not appear in the ORO option).

Lifetime

- The lifetime of the data for this option is controlled by the t1 times or the `OPTION_INFORMATION_REFRESH_TIME` (Information-Request/Reply).

other mechanisms

- There are several candidate protocols such as SLP, DNS (srv records) which could be used for identifying the service available. User could also just try to attempt the connection. If it works, Ok; If not, service will be not available. This will happen anyway if the 'server' for a service is down or temporarily unreachable

- Work item?