

# Distributing Address Selection Policy using DHCPv6

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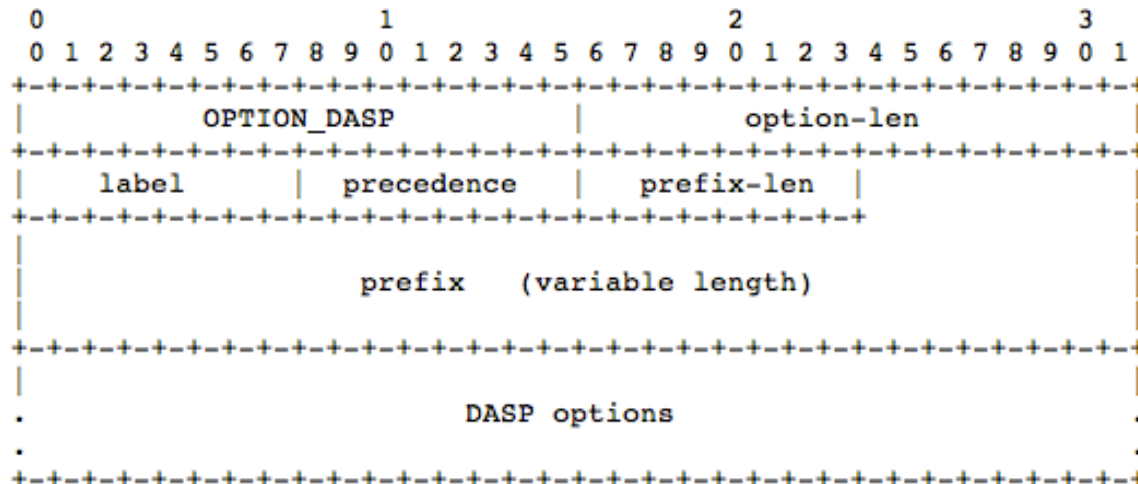
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# Current status

- A method to allow a default RFC3484 policy table to be overwritten by a preferred local policy
- Draft on hold while RFC3484bis finalised
  - See draft-ietf-6man-rfc3484bis-01
- Draft will then be processed in 6man
  - dhc WG is happy with the option format
  - Would like mif WG comment on one issue

# Changes in -03

- The option allows a policy table to be specified by a series of {label, precedence, prefix} entries
  - Policy table is **per node**, not per interface



# MIF-related open issue in -03

- We discuss the MIF problem in section 4.3, but feel we need better advice
- What should a new dhcp option like ours say?
  - We feel we should minimise what we say about MIF in the draft, but still give appropriate advice

`Under the above assumptions, we specify how to handle multiple received policy tables below.`

`A node MAY use OPTION_DASP in any of the following two cases:`

- `1: The address selection option is delivered across the only secure, trusted channel.`
- `2: The address selection option delivery is not secured, but the node is single-homed.`

# Comments?

- So, what should we say?
- The general use case for this option is in managed networks (enterprises) who want a different 3484 policy to the default
- But multi-homed or multi-interface cases are certain to arise