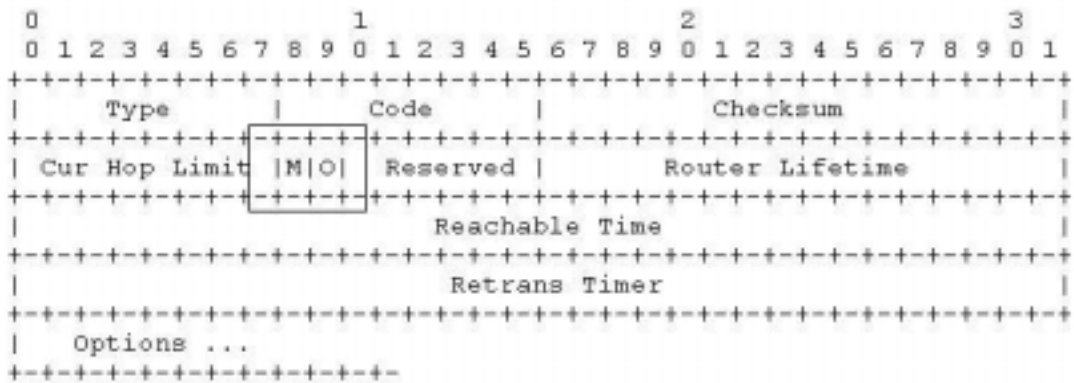


[ ] IPv6

11 D.C. 61 IETF(Internet Engineering Task Force) IPv6 “Considerations on M and O Flags of IPv6 Router Advertisement”  
 IPv6 RFC-2461, RFC-2462 RA(Router Advertisement) M flag O flag DHCPv6 (RFC-3315)  
 RFC-2462 가

1998 RFC-2461(Neighbor Discovery for IPv6) RFC-2462(IPv6 Stateless Address Autoconfiguration) 가 RFC-2462 IPv6 IPv6 가 가 가 IPv6  
 Prefix RFC-2461 RA 2 flag가  
 M flag O flag



( 1) Router Advertisement

- **M flag:** “Managed address configuration” flag 가
- **O flag:** “Other stateful configuration” flag DNS

가

M/O flag  
Stateless DHCPv6(RFC-3736)

2003 RFC-2461/2462 M/O flag  
가 M/O flag  
가 ManagedFlag OtherConfigFlag가 RFC-2462

**DHCPv6**

RFC-2462 , DHCPv6 Stateless DHCPv6  
M/O flag DHCPv6

- **M-Policy 1:** IPv6 M flag RA  
DHCPv6
- **M-Policy 2:** IPv6 M flag FALSE(0) TRUE(1)  
DHCPv6
- **M-Policy 3:** IPv6 M flag RA DHCPv6
- **O-Policy 1:** IPv6 O flag RA  
Stateless DHCPv6
- **O-Policy 2:** IPv6 O flag FALSE(0) TRUE(1)  
Stateless DHCPv6
- **O-Policy 3:** IPv6 O flag RA Stateless DHCPv6

IPv6 가 가

- **M-Flag:** Default=FALSE RA M flag가 TRUE  
가 IPv6 가 DHCPv6
- **O-Flag:** Default=FALSE RA O flag가 TRUE  
가 IPv6 가 Stateless DHCPv6

**DHCPv6**

1. M flag 가 DHCPv6  
DHCPv6  
O flag  
가 M-Policy 2가 O-

Policy  
2. 가 RA

3. RA Default FALSE  
가 RA 가 가  
M-Policy 1 DHCPv6

4. Default Policy DHCPv6 가 IPv6  
M-Policy 2 O-Policy

RFC-2462 DHCPv6  
가 DHCPv6 가 M-Policy 3가  
Stateless DHCPv6 O-Policy 1 2 RFC-2462

Stateless DHCPv6  
Default Policy IPv6

RA M/O flag  
IPv6 DHC  
RFC 61

IPv6 Stack  
( draft-ietf-ipv6-ra-mo-flags )

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