

| Item Type           | Item Code | Length Octet | Contents of Value                 |
|---------------------|-----------|--------------|-----------------------------------|
| Subnet mask         | 1         | 4            | Subnet mask to use                |
| Routers             | 3         | N            | IPv4 addresses of N/4 routers     |
| DNS Servers         | 6         | N            | IPv4 addresses of N/4 servers     |
| Hostname            | 12        | N            | N bytes of client host name       |
| Boot Size           | 13        | 2            | 2-octet integer size of boot file |
| Default IP TTL      | 23        | 1            | Value for datagram TTL            |
| NTP Servers (time)  | 42        | N            | IPv4 addresses of N/4 servers     |
| Mail Servers (SMTP) | 69        | N            | IPv4 addresses of N/4 servers     |
| Web Servers         | 72        | N            | IPv4 addresses of N/4 servers     |

**Figure 22.5** Examples of *OPTIONS* that can be present in an IPv4 DHCP reply†.