

DHCP Options

When sending DHCP requests, additional options can be requested by providing a space separated list of codes.

Configuration

| Code | Description |
|------|--|
| 0 | Pad. |
| 1 | Subnet Mask. |
| 2 | Time Offset(deprecated). |
| 3 | Router. |
| 4 | Time Server. |
| 5 | Name Server. |
| 6 | Domain Name Server. |
| 7 | Log Server. |
| 8 | Quote Server. |
| 9 | LPR Server. |
| 10 | Impress Server. |
| 11 | Resource Location Server. |
| 12 | Host Name. |
| 13 | Boot File Size. |
| 14 | Merit Dump File. |
| 15 | Domain Name. |
| 16 | Swap Server. |
| 17 | Root Path. |
| 18 | Extensions Path. |
| 19 | IP Forwarding enable/disable. |
| 20 | Non-local Source Routing enable/disable. |
| 21 | Policy Filter. |
| 22 | Maximum Datagram Reassembly Size. |
| 23 | Default IP Time-to-live. |
| 24 | Path MTU Aging Timeout. |
| 25 | Path MTU Plateau Table. |
| 26 | Interface MTU. |
| 27 | All Subnets are Local. |
| 28 | Broadcast Address. |
| 29 | Perform Mask Discovery. |
| 30 | Mask supplier. |
| 31 | Perform router discovery. |
| 32 | Router solicitation address. |
| 33 | Static routing table. |
| 34 | Trailer encapsulation. |
| 35 | ARP cache timeout. |

| Code | Description |
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| 36 | Ethernet encapsulation. |
| 37 | Default TCP TTL. |
| 38 | TCP keepalive interval. |
| 39 | TCP keepalive garbage. |
| 40 | Network Information Service Domain. |
| 41 | Network Information Servers. |
| 42 | NTP servers. |
| 43 | Vendor specific information. |
| 44 | NetBIOS over TCP/IP name server. |
| 45 | NetBIOS over TCP/IP Datagram Distribution Server. |
| 46 | NetBIOS over TCP/IP Node Type. |
| 47 | NetBIOS over TCP/IP Scope. |
| 48 | X Window System Font Server. |
| 49 | X Window System Display Manager. |
| 50 | Requested IP Address. |
| 51 | IP address lease time. |
| 52 | Option overload. |
| 53 | DHCP message type. |
| 54 | Server identifier. |
| 55 | Parameter request list. |
| 56 | Message. |
| 57 | Maximum DHCP message size. |
| 58 | Renew time value. |
| 59 | Rebinding time value. |
| 60 | Class-identifier. |
| 61 | Client-identifier. |
| 62 | NetWare/IP Domain Name. |
| 63 | NetWare/IP information. |
| 64 | Network Information Service+ Domain. |
| 65 | Network Information Service+ Servers. |
| 66 | TFTP server name. |
| 67 | Bootfile name. |
| 68 | Mobile IP Home Agent. |
| 69 | Simple Mail Transport Protocol Server. |
| 70 | Post Office Protocol Server. |
| 71 | Network News Transport Protocol Server. |
| 72 | Default World Wide Web Server. |
| 73 | Default Finger Server. |
| 74 | Default Internet Relay Chat Server. |
| 75 | StreetTalk Server. |
| 76 | StreetTalk Directory Assistance Server. |
| 77 | User Class Information. |
| 78 | SLP Directory Agent. |
| 79 | SLP Service Scope. |
| 80 | Rapid Commit. |

| Code | Description |
|-------------|--|
| 81 | FQDN, Fully Qualified Domain Name. |
| 82 | Relay Agent Information. |
| 83 | Internet Storage Name Service. |
| 84 | N/A |
| 85 | NDS servers. |
| 86 | NDS tree name. |
| 87 | NDS context. |
| 88 | BCMCS Controller Domain Name list. |
| 89 | BCMCS Controller IPv4 address list. |
| 90 | Authentication. |
| 91 | Client-last-transaction-time. |
| 92 | Associated-ip. |
| 93 | Client System Architecture Type. |
| 94 | Client Network Interface Identifier. |
| 95 | LDAP, Lightweight Directory Access Protocol. |
| 96 | N/A |
| 97 | Client Machine Identifier. |
| 98 | Open Group's User Authentication. |
| 99 | GEOCONF_CIVIC. |
| 100 | IEEE 1003.1 TZ String. |
| 101 | Reference to the TZ Database. |
| 102-111 | N/A |
| 112 | NetInfo Parent Server Address. |
| 113 | NetInfo Parent Server Tag. |
| 114 | URL. |
| 115 | N/A |
| 116 | Auto-Configure |
| 117 | Name Service Search. |
| 118 | Subnet Selection. |
| 119 | DNS domain search list. |
| 120 | SIP Servers DHCP Option. |
| 121 | Classless Static Route Option. |
| 122 | CCC, CableLabs Client Configuration. |
| 123 | GeoConf. |
| 124 | Vendor-Identifying Vendor Class. |
| 125 | Vendor-Identifying Vendor-Specific. |
| 126 - 127 | N/A |
| 128 | TFPT Server IP address. |
| 129 | Call Server IP address. |
| 130 | Discrimination string. |
| 131 | Remote statistics server IP address. |
| 132 | 802.1P VLAN ID. |
| 133 | 802.1Q L2 Priority. |
| 134 | Diffserv Code Point. |
| 135 | HTTP Proxy for phone-specific applications. |

| Code | Description |
|-----------|--|
| 136 | PANAAuthentication Agent. |
| 137 | LoSTServer. |
| 138 | CAPWAP Access Controller addresses. |
| 139 | OPTION-IPv4_Address-MoS. |
| 140 | OPTION-IPv4_FQDN-MoS. |
| 141 | SIP UA Configuration Service Domains. |
| 142 | OPTION-IPv4_Address-ANDSF. |
| 143 | OPTION-IPv6_Address-ANDSF. |
| 144 - 149 | N/A |
| 150 | TFTP server address. |
| 150 | Ether boot. GRUB configuration path name. |
| 151-174 | N/A |
| 175 | Ether boot. |
| 176 | IP Telephone. |
| 177 | Ether boot. Packet Cable and Cable Home. |
| 178- 207 | N/A |
| 208 | pxelinux.magic (string) = F1:00:74:7E (241.0.116.126). |
| 209 | pxelinux.configfile (text). |
| 210 | pxelinux.pathprefix (text). |
| 211 | pxelinux.reboottime (unsigned integer 32 bits). |
| 212 | OPTION_6RD. |
| 213 | OPTION_V4_ACCESS_DOMAIN. |
| 214-219 | N/A |
| 220 | Subnet Allocation. |
| 221 | Virtual Subnet Selection. |
| 222-223 | N/A |
| 224-254 | Private use. |
| 255 | End. |

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