

DHCP Options

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

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.
36	Ethernet encapsulation.
37	Default TCP TTL.
38	TCP keepalive interval.

Code	Description
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.
81	FQDN, Fully Qualified Domain Name.
82	Relay Agent Information.
83	Internet Storage Name Service.

Code	Description
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.
136	PANAAuthentication Agent.
137	LoSTServer.
138	CAPWAP Access Controller addresses.

Code	Description
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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