

Code	Data length	Description	References
0	0	Pad. RFC 2132	
1	4	Subnet Mask. RFC 2132	
2	4	Time Offset (deprecated). RFC 2132	RFC 2132
3	4+	Router. RFC 2132	
4	4+	Time Server. RFC 2132	
5	4+	Name Server. RFC 2132	
6	4+	Domain Name Server. RFC 2132	
7	4+	Log Server. RFC 2132	
8	4+	Quote Server. RFC 2132	
9	4+	LPR Server. RFC 2132	
10	4+	Impress Server. RFC 2132	
11	4+	Resource Location Server. RFC 2132	RFC 2132
12	1+	Host Name. RFC 2132	
13	2	Boot File Size. RFC 2132	
14	1+	Merit Dump File. RFC 2132	
15	1+	Domain Name. RFC 2132	
16	4	Swap Server. RFC 2132	
17	1+	Root Path. RFC 2132	
18	1+	Extensions Path. RFC 2132	
19	1	IP Forwarding enable/disable. RFC 2132	
20	1	Non-local Source Routing enable/disable. RFC 2132	RFC 2132
21	8+	Policy Filter. RFC 2132	
22	2	Maximum Datagram Reassembly Size. RFC 2132	RFC 2132
23	1	Default IP Time-to-live. RFC 2132	
24	4	Path MTU Aging Timeout. RFC 2132	
25	2+	Path MTU Plateau Table. RFC 2132	
26	2	Interface MTU. RFC 2132	
27	1	All Subnets are Local. RFC 2132	
28	4	Broadcast Address. RFC 2132	
29	1	Perform Mask Discovery. RFC 2132	
30	1	Mask supplier. RFC 2132	
31	1	Perform router discovery. RFC 2132	RFC 2132
32	4	Router solicitation address. RFC 2132	RFC 2132
33	8+	Static routing table. RFC 2132	
34	1	Trailer encapsulation. RFC 2132	
35	4	ARP cache timeout. RFC 2132	
36	1	Ethernet encapsulation. RFC 2132	
37	1	Default TCP TTL. RFC 2132	
38	4	TCP keepalive interval. RFC 2132	
39	1	TCP keepalive garbage. RFC 2132	
40	1+	Network Information Service Domain. RFC 2132	RFC 2132
41	4+	Network Information Servers. RFC 2132	RFC 2132
42	4+	NTP servers. RFC 2132	
43	1+	Vendor specific information. RFC 1533, RFC 2132	RFC 1533, RFC 2132
44	4+	NetBIOS over TCP/IP name server. RFC 1533, RFC 2132	RFC 1533, RFC 2132
45	4+	NetBIOS over TCP/IP Datagram Distribution Server. RFC 1533, RFC 2132	RFC 1533, RFC 2132
46	1	NetBIOS over TCP/IP Node Type. RFC 1533, RFC 2132	RFC 1533, RFC 2132
47	1+	NetBIOS over TCP/IP Scope. RFC 1533, RFC 2132	RFC 1533, RFC 2132
48	4+	X Window System Font Server. RFC 1533, RFC 2132	RFC 1533, RFC 2132

49	4+	X Window System Display Manager.	RFC 1533, RFC 2132
50	4	Requested IP Address.	RFC 1533, RFC 2132
51	4	IP address lease time.	RFC 1533, RFC 2132
52	1	Option overload.	RFC 1533, RFC 2132
53	1	DHCP message type.	RFC 1533, RFC 2132, RFC 3203, RFC 4388
54	4	Server identifier.	RFC 1533, RFC 2132
55	1+	Parameter request list.	RFC 1533, RFC 2132
56	1+	Message.	RFC 1533, RFC 2132
57	2	Maximum DHCP message size.	RFC 1533, RFC 2132
58	4	Renew time value.	RFC 1533, RFC 2132
59	4	Rebinding time value.	RFC 1533, RFC 2132
60	1+	Class-identifier.	RFC 1533, RFC 2132
61	2+	Client-identifier.	RFC 1533, RFC 2132, RFC 4361
62	1 to 255	NetWare/IP Domain Name.	RFC 2242
63		NetWare/IP information.	RFC 2242
64	1+	Network Information Service+ Domain.	RFC 2132
65	4+	Network Information Service+ Servers.	RFC 2132
66	1+	TFTP server name.	RFC 2132
67	1+	Bootfile name.	RFC 2132
68	0+	Mobile IP Home Agent.	RFC 2132
69	4+	Simple Mail Transport Protocol Server.	RFC 2132
70	4+	Post Office Protocol Server.	RFC 2132
71	4+	Network News Transport Protocol Server.	RFC 2132
72	4+	Default World Wide Web Server.	RFC 2132
73	4+	Default Finger Server.	RFC 2132
74	4+	Default Internet Relay Chat Server.	RFC 2132
75	4+	StreetTalk Server.	RFC 2132
76	4+	StreetTalk Directory Assistance Server.	RFC 2132
77	Variable.	User Class Information.	RFC 3004
78	Variable.	SLP Directory Agent.	RFC 2610
79	Variable.	SLP Service Scope.	RFC 2610
80	0	Rapid Commit.	RFC 4039
81	4+.	FQDN, Fully Qualified Domain Name.	RFC 4702
82	Variable.	Relay Agent Information.	RFC 3046, RFC 5010
83	14+	Internet Storage Name Service.	RFC 4174
84			RFC 3679
85	Variable.	NDS servers.	RFC 2241
86	Variable.	NDS tree name.	RFC 2241
87	Variable.	NDS context.	RFC 2241
88	Variable.	BCMCS Controller Domain Name list.	RFC 4280
89	4+	BCMCS Controller IPv4 address list.	RFC 4280
90	Variable.	Authentication.	RFC 3118
91	4	client-last-transaction-time.	RFC 4388
92	4n	associated-ip.	RFC 4388
93	Variable.	Client System Architecture Type.	RFC 4578
94	Variable.	Client Network Interface Identifier.	RFC 4578
95	Variable.	LDAP, Lightweight Directory Access Protocol.	RFC 3679
96			RFC 3679
97	Variable.	Client Machine Identifier.	RFC 4578

```

98      Open Group's User Authentication.      RFC 2485
99      GEOCONF_CIVIC.      RFC 4776
100     IEEE 1003.1 TZ String.      RFC 4833
101     Reference to the TZ Database.      RFC 4833
102
-
111           RFC 3679
112     Variable.      NetInfo Parent Server Address.      RFC 3679
113 Variable.      NetInfo Parent Server Tag.      RFC 3679
114 Variable.      URL.      RFC 3679
115           RFC 3679
116 1     Auto-Configure      RFC 2563
117 2+    Name Service Search.      RFC 2937
118 4     Subnet Selection.      RFC 3011
119 Variable      DNS domain search list.      RFC 3397
120 Variable      SIP Servers DHCP Option.      RFC 3361
121 5+    Classless Static Route Option.      RFC 3442
122 Variable      CCC, CableLabs Client Configuration.      RFC 3495, RFC 3594,
RFC 3634
123 16    GeoConf.      RFC 3825
124     Vendor-Identifying Vendor Class.      RFC 3925
125     Vendor-Identifying Vendor-Specific.      RFC 3925
126           RFC 3679
127           RFC 3679
128     TFTP Server IP address.      RFC 4578
129     Call Server IP address.      RFC 4578
130     Discrimination string.      RFC 4578
131     Remote statistics server IP address.      RFC 4578
132     802.1P VLAN ID.      RFC 4578
133     802.1Q L2 Priority.      RFC 4578
134     Diffserv Code Point.      RFC 4578
135     HTTP Proxy for phone-specific applications.      RFC 4578
136 4+    PANA Authentication Agent.      RFC 5192
137 variable      LoST Server.      RFC 5223
138     CAPWAP Access Controller addresses.      RFC 5417
139     OPTION-IPv4_Address-MoS.      RFC 5678
140     OPTION-IPv4_FQDN-MoS.      RFC 5678
141 2+    SIP UA Configuration Service Domains.      RFC 6011
142     OPTION-IPv4_Address-ANDSF.      RFC 6153
143     OPTION-IPv6_Address-ANDSF.      RFC 6153
144
-
149           RFC 3942
150     TFTP server address.      RFC 5859
150     Etherboot.
GRUB configuration path name.
151     status-code.
152     base-time.
153     start-time-of-state.
154     query-start-time.
155     query-end-time.

```

```
156     dhcp-state.
157     data-source.
158
-
174         RFC 3942
175     Etherboot.
176     IP Telephone.
177     Etherboot.
PacketCable and CableHome.
178
-
207         RFC 3942
208     pxelinux.magic (string) = F1:00:74:7E (241.0.116.126).    RFC 5071
209     pxelinux.configfile (text).    RFC 5071
210     pxelinux.pathprefix (text).    RFC 5071
211     pxelinux.reboottime (unsigned integer 32 bits).    RFC 5071
212 18+   OPTION_6RD.    RFC 5969
213     OPTION_V4_ACCESS_DOMAIN.    RFC 5986
214
-
219
220     Subnet Allocation.
221

1+
Virtual Subnet Selection.    RFC 6607
222
223         RFC 3942
224
-
254     Private use.
255 0     End.    RFC 2132
```

From: <https://recswiki.christmann.info/wiki/> - RECS®|Box Wiki

Permanent link: [https://recswiki.christmann.info/wiki/doku.php?id=documentation:dhcp\\_options&rev=1465477432](https://recswiki.christmann.info/wiki/doku.php?id=documentation:dhcp_options&rev=1465477432)

Last update: 2016/06/09 13:03

