Call Termination Cause Codes

This appendix lists call termination cause values and definitions in Table B-1.

Note   A "*" next to the value in Table B-1 indicates the cause code is not a standard BAF cause code; it is unique to the Cisco BTS 10200 Softswitch. All values of 400 or higher are used internally only and do not appear in the billing records transmitted from the EMS.

Table B-1   Call Termination Cause Values and Definitions

Value	Cause Definition	In 4.4
1	Attempted termination to an unallocated or unassigned directory number	Yes
2	No route available to the specified transit network	Yes
3	No route available to the specified destination	Yes
4	Vacant code	Yes
6	Channel unacceptable	Yes
7	Call awarded and being delivered in an established channel	Yes
8	Prefix 0 was dialed in error	Yes
9	Prefix 1 was dialed in error	Yes
10	Prefix 1 was not dialed when required	Yes
11	Excessive digits received, call is progressing	Yes
12	Call is proceeding	Yes
13	The requested service was denied	Yes
16	Normal call clearing	Yes
17	Termination called is busy	Yes
18	No user responding	Yes
19	User altering, no answer	Yes
21	Call was rejected	Yes
22	The terminating number was changed	Yes
23	Terminating party rejects all calls with Calling Line Identification Restriction	Yes
25*	Exchange routing error	No
26*	Misrouted to ported number	No

Table B-1   Call Termination Cause Values and Definitions (continued)

Value	Cause Definition	In 4.4
27	The specified destination was out of order	No
28	Invalid number format or incomplete address	Yes
29	Facility rejected	Yes
30	Response to STATUS ENQ message	Yes
31	Normal, unspecified	Yes
34	Circuit or channel congestion	Yes
35	Requested VPCI/VCI was not available	Yes
36	VPCI/VCI assignment failure	Yes
37	The user cell rate was unavailable	Yes
38*	Network out of order	No
41	Temporary failure	Yes
42	Switching Equipment Congestion	Yes
43	Access information discarded	Yes
44	Requested channel not available	Yes
45	No VPCI/VCI available	Yes
47	Network resource unavailable or unspecified	Yes
49	Quality of service unavailable	Yes
50	Requested facility not subscribed to	Yes
51	Bearer capability incompatible with service request	Yes
53	Service operation violated	Yes
57	Bearer capability not authorized	Yes
58	Bearer capability not presently available	Yes
63	Service or option unspecified	Yes
65	Bearer capability not implemented	Yes
66*	Channel type not implemented	No
69	Requested facility not implemented	Yes
70	Restoration digital bearer capacity only available	No
73	Unsupported combination of traffic parameters	Yes
78	AAL parameter cannot be supported	Yes
79	Service or option not implemented	Yes
81	Invalid call reference value	Yes
82	Identified channel does not exist	Yes
84*	Call id already in use	No
85*	No call suspended	No
86*	Call id cleared	No
88	Incompatible destination	Yes

Table B-1   Call Termination Cause Values and Definitions (continued)

Value	Cause Definition	In 4.4
89	Invalid endpoint reference	Yes
90*	Unspecified invalid message error	No
91	Invalid transit network selection	Yes
92	Too many pending add party requests	Yes
96	Mandatory information element missing	Yes
97	Message type nonexistent or not implemented	Yes
98*	Message type not compatible	No
99	Information element nonexistent or not implemented	Yes
100	Invalid information element contents	Yes
101	Message not compatible with call state	Yes
102	Recovery on timer expiration	Yes
104	Incorrect message length	Yes
111	Protocol error - unspecified	Yes
112	Protocol error - threshold exceeded	Yes
120	Special intercept announcement	No
121	Special intercept announcement - undefined code	No
122	Special intercept announcement - call blocked due to group restriction	No
127	Interworking error - unspecified	Yes
150	Call Terminated due to Session Timer Refresh Request Time Out	Yes