

FTP Status and Error Codes

THE INFORMATION IN THIS ARTICLE APPLIES TO:

- EFT Server all versions
- CuteFTP® all versions

DISCUSSION

During FTP sessions, servers send and receive various numbered codes to/from FTP clients. Some codes represent errors, most others simply communicate the status of the connection. Below are brief explanations for the most common status and error codes.

When determining a course of action, review the entire log; some codes are informational only, others indicate that you have entered the wrong information, and others indicate what the information is that you need to provide before continuing.

For troubleshooting CuteFTP connection problems, also refer to [Troubleshooting CuteFTP Connection Problems](#).

The table below is provided so that you have some idea whether you can solve the issue on your own (e.g., code 331=you need to provide a password) or you need to call your ISP for assistance (e.g., code 426=you are unable to connect to the remote server). These codes are used by most FTP servers/clients.

NOTE: The information below is only offered as a courtesy to assist you in telling your Internet Service Provider what the error is so that they can help solve your issue. For example, if you get a code 426, the transfer was aborted and the connection closed. The solution to this error is to "try logging back in; contact your hosting provider to check if you need to increase your hosting account; try disabling the firewall on your PC to see if that solves the problem. If not, contact your hosting provider or ISP."

The list below contains standard FTP codes. Numbers outside this list are proprietary to the Server or Client that you are using.

Code	Description
100 Series	The requested action was initiated; expect another reply before proceeding w
110	Restart marker reply.

FTP Status and Error Codes

120	Service ready in <i>nn</i> minutes.
125	Data Connection already open; transfer starting.
150	File status okay; about to open data connection.
200 Series	The requested action has been successfully completed.
200	Command okay.
202	Command not implemented, superfluous at this site.
211	System status, or system help reply.
212	Directory status.
213	File status.
214	Help message.
215	NAME system type.
220	Service ready for new user.
221	Service closing control connection.
225	Data connection open; no transfer in progress.
226	Closing data connection.
227	Entering Passive Mode.
230	User logged in, proceed. This status code appears after the client sends the correct password.
250	Requested file action okay, completed.
257	"PATHNAME" created.
300 Series	The command has been accepted, but the requested action is on hold, pending receipt of further information.
331	User name okay, need password.
332	Need account for login.
350	Requested file action pending further information.
400 Series	The command was not accepted and the requested action did not take place, because of an error in processing.
421	Error 421 Service not available, closing control connection. Error 421 User limit reached connections reached Error 421 Max connections exceeded
425	Cannot open data connection.
426	Connection closed; transfer aborted.
450	Requested file action not taken.
451	Requested action aborted: local error in processing.
452	Requested action not taken. Insufficient storage space in system.

FTP Status and Error Codes

500 Series	The command was not accepted and the requested action did not take place.
500	Syntax error, command unrecognized, command line too long.
501	Syntax error in parameters or arguments.
502	Command not implemented.
503	Bad sequence of commands.
504	Command not implemented for that parameter.
530	User not logged in.
532	Need account for storing files.
550	Requested action not taken. File unavailable, not found, not accessible
552	Requested file action aborted. Exceeded storage allocation.
553	Requested action not taken. File name not allowed.
10,000 series	Common Winsock Error Codes (complete list of Winsock error codes)
10054	Connection reset by peer. The connection was forcibly closed by the remote host.
10060	Cannot connect to remote server.
10061	Cannot connect to remote server. The connection is actively refused by the server.
10066	Directory not empty.
10068	Too many users, server is full.

GlobalSCAPE Knowledge Base

<https://kb.globalscape.com/KnowledgebaseArticle10142.aspx>