

TCP/IP

QUICK REFERENCE GUIDE

Telnet Options

Option	Abbreviation	Description	Connection Required
open	ope	Opens a virtual connection between a local or remote host.	n
close	c	Severs the connection from a remote host still leaving the user in the telnet program at the telnet prompt.	y
quit	q	Closes any open connection and exits the telnet program leaving the users in the local host's working environment.	n
z	z	Suspends the connection and creates a shell in the local hosts working enviroment. To exit from this shell and return to the remote host, type <CTRL d>.	n
escape	e	Changes the escape character.	n
status	s	Prints the current telnet status: name of remote host, current escape character, and other settings.	n
negotiate	n	Negotiates telnet options.	y
options	opt	Displays options set by negotiate command.	n
?	?	Displays help information.	n

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FTP Command Summary

Command	Format	Description	Remote or Local Host	Connect Req
append	append lfile rfile	Appends file lfile on local host to rfile file on remote host.	both	yes
ascii	ascii	Sets file transfer type to ascii .	neither	yes
bell	bell	Sets end of transfer bell on or off.	neither	no
binary	binary	Sets file transfer type to binary .	neither	yes
bye	bye	Closes any open connection to remote host and exits ftp program.	both	no
cd	cd rdir	Changes the working directory on the remote host to rdir .	remote	yes
close	c	Severs any connection, leaving the user in the ftp program.	both	yes
debug	debug	Changes the status of debug mode.	both	yes
delete	delete rfile	Deletes rfile on the remote host.	both	yes
dir	dir [rdir] [lfile]	Produces long listing of rdir working directory on remote host. If lfile file-name is supplied, it puts this listing in that file on local host.	both	yes
form	form format	Sets file transfer form to format .	neither	no
get	get rfile lfile	Transfers rfile from remote host and puts it in lfile on the local host.	both	yes
glob	glob	Sets file globbing on or off so file or pathnames can be processed for cs h meta-characters (*,?,[,],{,}).	neither	no
hash	hash	Sets hash status on or off.	neither	no
help	help command	Prints help information for command .	neither	no

FTP Command Summary (Continued)

Command	Format	Description	Remote or Local Host	Connect Req
lcd	lcd [ldir]	Changes the local host's working directory to ldir . If no directory is specified, it changes by default to the home directory.	local	no
ls	ls [rdir] [lfile]	Produces a short listing of the contents of the rdir on the remote host. If lfile is specified, it puts the listing in this file on the local host.	remote	yes
mdelete	mdelete rfile1 rfile2...	Deletes file rfile1 and rfile2 on the remote host .	remote	yes
mdir	mdir rfile1 rfile2... lfile	Obtains a long listing of the files rfile1 and rfile2 on the remote host and puts this listing in lfile on the local host.	both	yes
mget	mget rfile1 rfile2 ...	Retrieves a copy of rfile1 and rfile2 and places them in files of the same name in the current working directory on the local host.	both	yes
mkdir	(See Page 4-9)			
mls	mls rdir1 rdir2 ... lfile	Obtains a listing of directories rdir1 and rdir2 and places it in lfile .	both	yes
mode	mode name	Changes the file transfer mode to name .	neither	yes
mput	mput lfile1 lfile2...	Puts a copy of the files lfile1 lfile2 in the working directory on remote host.	both	yes
open	open host [port]	Opens a connection to , host .	both	no
prompt	prompt	Sets prompt to on or off.	neither	no
put	put lfile rfile	Copies lfile from the local host into rfile in the current working directory of the remote host.	neither	yes
pwd	pwd	Prints the name of the current working directory on the remote host.	remote	yes
quit	quit	Alias of bye .	both	no

FTP Command Summary (Continued)

Command	Format	Description	Remote or Local Host	Connect Req
quote	quote command	Passes ftp command for execution directly to the remote host, bypassing the local host.	remote	yes
recv	recv	Alias of get .	both	yes
remotehelp	remotehelp [command]	Displays the list of ftp commands recognized by the remote host. Where command is a valid ftp command, displays help informaion.	remote	yes
rmdir	rmdir rdir	Deletes directory rdir on the remote host.	both	yes
send	send lfile [rfile]	Alias of put .	both	yes
sendport	sendport	Changes use of port commands.		
status	status	Shows current connection status, transfer mode, messages, hash, bell, other options of the current ftp session.	neither	no
struct	struct name	Set file transfer structure to name .	neither	no
tenex	tenex	Sets file transfer type to tenex enabling communication with TENEX machines.	neither	no
type	type name	Sets the file transfer type to name .	neither	yes
user	user name	Initiates login sequence onto remote host.	remote	yes
verbose	verbose	Sets verbose on or off. All responses from ftp server are displayed.	neither	no
?	?command	Prints help on ftp command .	neither	no
!	!command	Executes command in local host's UNIX shell.	neither	no
INTERRUPT		Kills any ftp operation in progress.	neither	no