

# SITE Command

by Rana Bhattacharyya

## 1. Overview

SITE command is used by the server to provide services specific to the system. Most of the SITE commands can be used by the admin only. You can get all the available SITE commands by "SITE HELP".

All the server administrative tasks can be performed by the SITE command. So the administrator can monitor, control the server remotely. All the available SITE commands descriptions with sample outputs are as follows:

## 2. SITE HELP

This is the only SITE command that can be executed by non-admin user. It returns all the available SITE commands.

```
ftp> quote SITE HELP
200-
ADDIP <IP> : add banned IP entry
ADDUSER <userName> : add user
DELIP <IP> : delete banned IP entry
DELUSER <userName> : delete user
DESCUSER <userName> : describe user
HELP : display this message
KICK <userName> : close the connection
LISTIP : display all banned IPs
LISTUSER : display all user names
SETATTR <userName> <attrName> <attrValue> : set user attributes
STAT : show statistics
WHO : display all connected users
200
ftp>
```

## 3. SITE WHO

You can get the list of all the currently connected user by this SITE command. It returns user

name, client IP, login time and last access time. You can disconnect a client connection using `SITE KICK <userName>`. If an user has logged-in multiple times, all these connections will get disconnected.

```
ftp> quote SITE WHO
200-
admin          127.0.0.1          10/17 19:45:42   10/17 20:17:37
admin          127.0.0.1          10/17 19:46:13   10/17 20:17:24
anonymous     127.0.0.1          10/17 19:46:21   10/17 20:16:45
anonymous     127.0.0.1          10/17 19:46:42   10/17 20:02:50
ranab         127.0.0.1          10/17 20:09:39   10/17 20:09:40
200
ftp> quote SITE KICK ranab
200 Command SITE okay
ftp> quote SITE WHO
200-
admin          127.0.0.1          10/17 19:45:42   10/17 20:17:37
admin          127.0.0.1          10/17 19:46:13   10/17 20:18:33
anonymous     127.0.0.1          10/17 19:46:21   10/17 20:18:16
anonymous     127.0.0.1          10/17 19:46:42   10/17 20:02:50
200
ftp>
```

## 4. SITE LISTIP

`SITE LISTIP` returns all the banned/allowed IPs. New entries can be added by `SITE ADDIP <entry>`. Similarly existing entries can be removed by `SITE DELIP <entry>`.

```
ftp> quote SITE LISTIP
200-
200
ftp> quote SITE ADDIP 111.222.*
200 Command SITE okay
ftp> quote SITE ADDIP 222.111.100.*
200 Command SITE okay
ftp> quote SITE LISTIP
200-
111.222.*
222.111.100.*
200
ftp> quote SITE DELIP 111.222.*
200 Command SITE okay
ftp> quote SITE LISTIP
200-
222.111.100.*
200
ftp>
```

## 5. SITE LISTUSER

This command returns all the user names in the user store. By executing SITE DESCUSER <userName> we can get the user parameters (except password). Existing users can be removed by SITE DELUSER <userName>.

```
ftp> quote SITE LISTUSER
200-
admin
anonymous
ranab
user1
200
ftp> quote SITE DESCUSER user1
200-
login : user1
password : *****
home : C:/
writepermission : true
enable : true
maxidletime : 1800
maxuploadrate : 0
maxdownloadrate : 0
200
ftp> quote SITE DELUSER user1
200 Command SITE okay
ftp> quote SITE LISTUSER
200-
admin
anonymous
ranab
200
ftp>
```

## 6. SITE ADDUSER

New users can be added using this command. The newly created user will have default parameters. The attributes are :

- password (default - empty string : "")
- home (default - configured default root)
- writepermission (default - false)
- enable (default - false)
- maxidletime (default - configured default idle time)
- maxuploadrate (default - no limit)
- maxdownloadrate (default - no limit)

We can change any user attribute by SITE SETATTR <userName> <attrName> <attrValue> command.

```
ftp> quote SITE LISTUSER
200-
admin
anonymous
ranab
200
ftp> quote SITE ADDUSER user2
200 Command SITE okay
ftp> quote SITE DESCUSER user2
200-
login : user2
password : *****
home : C:/
writepermission : false
enable : false
maxidletime : 300
maxuploadrate : 0
maxdownloadrate : 0
200
ftp> quote SITE SETATTR user2 password userpassword
200 Command SITE okay
ftp> quote SITE SETATTR user2 home C:/myCode
200 Command SITE okay
ftp> quote SITE SETATTR user2 enable true
200 Command SITE okay
ftp> quote SITE SETATTR user2 maxuploadrate 5600
200 Command SITE okay
ftp> quote SITE DESCUSER user2
200-
login : user2
password : *****
home : C:/myCode/
writepermission : false
enable : true
maxidletime : 300
maxuploadrate : 5600
maxdownloadrate : 0
200
ftp> quote SITE LISTUSER
200-
admin
anonymous
ranab
user2
200
ftp>
```