

## FTP data using TLS encryption (lftp)

Written by dex  
Thursday, 15 August 2013 14:58 -

---

lftp run on Linux

### HOW TO:

This guide demonstrates how to use a linux command prompt based ftp to connect to a server the required TLS authentication and encrypted data transmission.

First you need to install lftp:

```
apt-get install lftp or yum install lftp
```

then launch lftp:

```
lftp
```

next, you can type the following commands into the lftp prompt to set the TLS and encryption policies:

```
set ftp:ssl-auth TLS
set ftp:ssl-force true
set ftp:ssl-protect-list yes
set ftp:ssl-protect-data yes
```

next, open the connection to the ftp site:

```
open ftp.example.net
```

if you use a username and password other than anonymous; you will then need to enter this information:

```
login username password
```

At this point, you will be authenticated and logged in using TLS encryption. From here you can use the ftp commands like ls, cd, mput, etc.

[Here](#) is a list of basic lftp commands.