

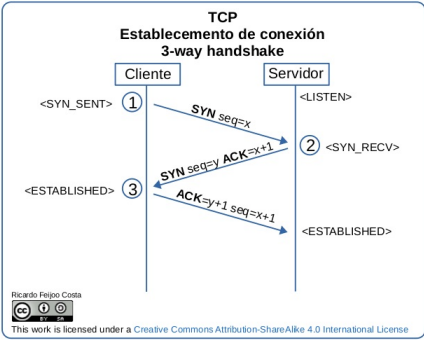


Cheat-Sheet: FTP

Cientes FTP
GUI → FileZilla Client (Modo Pasivo)
Comandos → ftp
GNU/Linux → ftp (Modo Pasivo) 
MS Windows → ftp (Modo Activo) 



FTP - Establecimiento de conexión → 21 (Server TCP Port)

No.	Time	Source	Destination	Protocol	Length	Info
5	0.006427614	10.0.2.15	ftp.ujaen.es	TCP	74	39090 → 21 [SYN] Seq=0 Win=65535 Len=0
6	0.038841648	ftp.ujaen.es	10.0.2.15	TCP	60	21 → 39090 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0
7	0.038913556	10.0.2.15	ftp.ujaen.es	TCP	54	39090 → 21 [ACK] Seq=1 Ack=1 Win=65535 Len=0
8	0.083003327	ftp.ujaen.es	10.0.2.15	FTP	106	Response: 220 Servidor FTP anonimo d
9	0.083108496	10.0.2.15	ftp.ujaen.es	TCP	54	39090 → 21 [ACK] Seq=1 Ack=53 Win=65535 Len=0
14	5.969206024	10.0.2.15	ftp.ujaen.es	FTP	70	Request: USER anonymous
15	5.969965755	ftp.ujaen.es	10.0.2.15	TCP	60	21 → 39090 [ACK] Seq=53 Ack=17 Win=65535 Len=0
16	6.002095887	ftp.ujaen.es	10.0.2.15	FTP	129	Response: 331 Anonymous login ok, se

Modo Pasivo→ Inicio conexión de datos desde o cliente ftp
→ TCP Port cliente ftp ≥ 1024
→ TCP Port servidor ftp ≥ 1024

GNU/Linux → command ftp 

WireShark

```
(kali@kali)-[~]
$ ftp ftp.ujaen.es
Connected to ftp.ujaen.es.
220 Servidor FTP anonimo de la Universidad de Jaen
Name (ftp.ujaen.es:kali): anonymous
331 Anonymous login ok, send your complete email address as your password
Password:
230 Acceso permitido para anonymous
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> ls
229 Entering Extended Passive Mode (|||36136|)
150 Opening BINARY mode data connection for file list
drwxr-xr-x  6 ftp      ftp      152 Nov  3  2011 pub
-rw-r--r--  1 ftp      ftp      1877 Apr 26  2007 welcome.msg
226 Transfer complete
ftp> lcd /tmp
Local directory now: /tmp
ftp> get welcome.msg
local: welcome.msg remote: welcome.msg
229 Entering Extended Passive Mode (|||28263|)
150 Opening BINARY mode data connection for welcome.msg (1877 bytes)
100% |*****| 1877  12.69 MiB/s   00:00 ETA
226 Transfer complete
1877 bytes received in 00:00 (56.88 KiB/s)
ftp> !
(kali@kali)-[/tmp]
$ ls -l welcome.msg
-rw-r--r-- 1 kali kali 1877 Apr 26  2007 welcome.msg

(kali@kali)-[/tmp]
$ exit
ftp> quit
221 Goodbye.

(kali@kali)-[~]
$
```

No.	Time	Source	Destination	Protocol	Length	Info
39	10.631906463	10.0.2.15	ftp.ujaen.es	TCP	74	56356 → 36136 [SYN] Seq=0 Win=65535 Len=0 MSS=1460
40	10.665672297	ftp.ujaen.es	10.0.2.15	TCP	60	36136 → 56356 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0
41	10.665786034	10.0.2.15	ftp.ujaen.es	TCP	54	56356 → 36136 [ACK] Seq=1 Ack=1 Win=65535 Len=0
45	10.701196316	ftp.ujaen.es	10.0.2.15	FTP-DATA	182	FTP Data: 128 bytes (EPASV) (LIST)
46	10.701196871	ftp.ujaen.es	10.0.2.15	TCP	60	36136 → 56356 [FIN, ACK] Seq=129 Ack=1 Win=65535 Len=0
47	10.701282132	10.0.2.15	ftp.ujaen.es	TCP	54	56356 → 36136 [ACK] Seq=1 Ack=129 Win=65535 Len=0
48	10.701745304	10.0.2.15	ftp.ujaen.es	TCP	54	56356 → 36136 [FIN, ACK] Seq=1 Ack=130 Win=65535 Len=0
49	10.702298799	ftp.ujaen.es	10.0.2.15	TCP	60	36136 → 56356 [ACK] Seq=130 Ack=2 Win=65535 Len=0

Frame 45: 182 bytes on wire (1456 bits), 182 bytes captured (1456 bits) on interface eth0, id 0

Ethernet II, Src: 10.0.2.2 (52:54:00:12:35:02), Dst: 10.0.2.15 (08:00:27:e7:3b:62)

Internet Protocol Version 4, Src: ftp.ujaen.es (150.214.170.29), Dst: 10.0.2.15 (10.0.2.15)

Transmission Control Protocol, Src Port: 36136, Dst Port: 56356, Seq: 1, Ack: 1, Len: 128

FTP Data (128 bytes data)

Setup frame: 38

Setup method: EPASV

Command: LIST

Command frame: 42

[Current working directory:]

Line-based text data (2 lines)

drwxr-xr-x 6 ftp ftp 152 Nov 3 2011 pub\r\n

-rw-r--r-- 1 ftp ftp 1877 Apr 26 2007 welcome.msg\r\n

- [Debian Handbook - FTP](#)
- [Debian Wiki - FTP](#)
- [FileZilla](#)
- [FileZilla Client](#)
- [FileZilla Server](#)
- [Kali - ftp](#)
- [Kali - sftp](#)
- [Kali - tftp-hpa](#)

