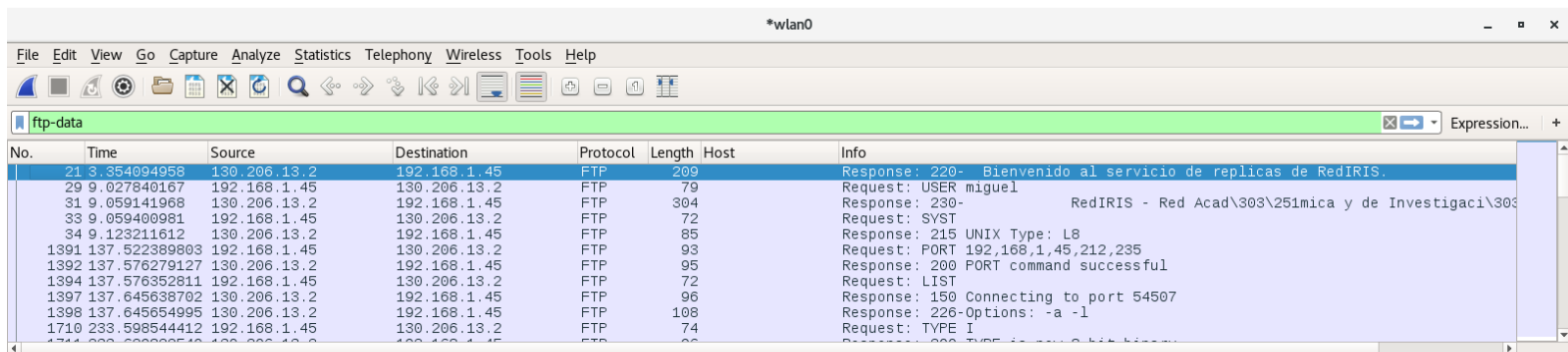


1. Para conectarme a un sitio mediante FTP he usado `#ftp ftp.rediris.es`

```
miguel@MiguelCordoba:~$ ftp ftp.rediris.es
Connected to ftp.rediris.es.
220- Bienvenido al servicio de replicas de RedIRIS.
220- Welcome to the RedIRIS mirror service.
220 Only anonymous FTP is allowed here
Name (ftp.rediris.es:miguel):
```

2. Luego con el superusuario he ejecutado el **Wireshark** y he seleccionado mi tarjeta de red para hacer captura del tráfico y lo he filtrado con **ftp-data**.



No.	Time	Source	Destination	Protocol	Length	Host	Info
21	3.354094958	130.206.13.2	192.168.1.45	FTP	209		Response: 220- Bienvenido al servicio de replicas de RedIRIS.
29	9.027840167	192.168.1.45	130.206.13.2	FTP	79		Request: USER miguel
31	9.059141968	130.206.13.2	192.168.1.45	FTP	304		Response: 230- RedIRIS - Red Acad\303\251mica y de Investigaci\303
33	9.059400981	192.168.1.45	130.206.13.2	FTP	72		Request: SYST
34	9.123211612	130.206.13.2	192.168.1.45	FTP	85		Response: 215 UNIX Type: L8
1391	137.522389803	192.168.1.45	130.206.13.2	FTP	93		Request: PORT 192,168,1,45,212,235
1392	137.576279127	130.206.13.2	192.168.1.45	FTP	95		Response: 200 PORT command successful
1394	137.576352811	192.168.1.45	130.206.13.2	FTP	72		Request: LIST
1397	137.645638702	130.206.13.2	192.168.1.45	FTP	96		Response: 150 Connecting to port 54507
1398	137.645654995	130.206.13.2	192.168.1.45	FTP	108		Response: 226-Options: -a -l
1710	233.598544412	192.168.1.45	130.206.13.2	FTP	74		Request: TYPE I

3. El comando que he utilizado para descargar el archivo es `#get [nombre del archivo]`.

```
drwxr-xr-x  4 14      50      3864 Sep 20  2017 .
drwxr-xr-x  4 14      50      3864 Sep 20  2017 ..
lrwxrwxrwx  1 14      50              23 Jun  8  2017 debian -> sites/debian.or
g/debian
lrwxrwxrwx  1 14      50              26 Jul 18  2017 debian-cd -> sites/debian
.org/debian-cd
drwxr-xr-x  2 14      50      3864 Aug  2  2017 mirror
drwxrwxr-x  60 14      50      2048 Feb 25  2018 sites
-rw-r--r--  1 14      50              93 Jun  8  2017 welcome.msg
226-Options: -a -l
226 7 matches total
ftp> get welcome.msg
local: welcome.msg remote: welcome.msg
200 PORT command successful
150 Connecting to port 56913
226-File successfully transferred
226 0.000 seconds (measured here), 1.61 Mbytes per second
93 bytes received in 0.00 secs (447.3907 kB/s)
ftp>
```

4. El modo de conexión es **activo** porque utiliza el **puerto 20** para realizar la conexión.

```
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:ftp-data:data-text-lines]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
▶ Ethernet II, Src: Arcadyan_3c:24:cf (bc:30:d9:3c:24:cf), Dst: LiteonTe_f2:26:c9 (58:00:e3:f2:26:c9)
▶ Internet Protocol Version 4, Src: 130.206.13.2, Dst: 192.168.1.45
▶ Transmission Control Protocol, Src Port: 20, Dst Port: 54507, Seq: 1, Ack: 1, Len: 545
FTP Data (545 bytes data)
[Setup frame: 1391]
[Setup method: PORT]
[Command: LIST]
Command frame: 1394
```