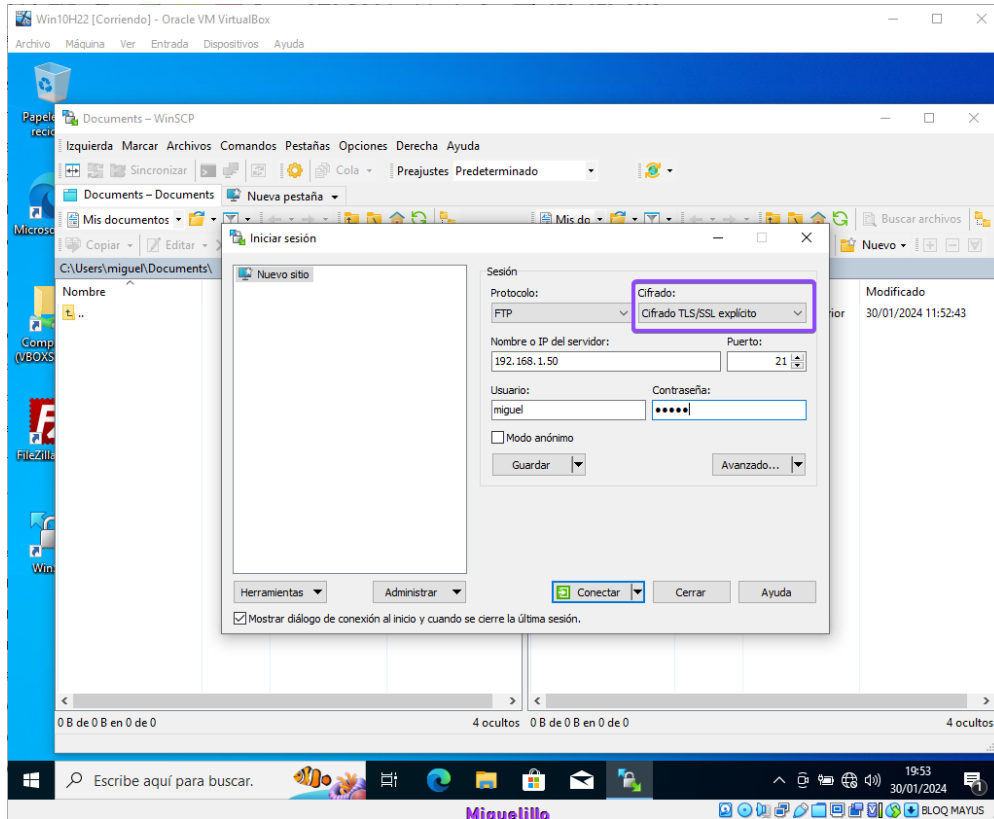


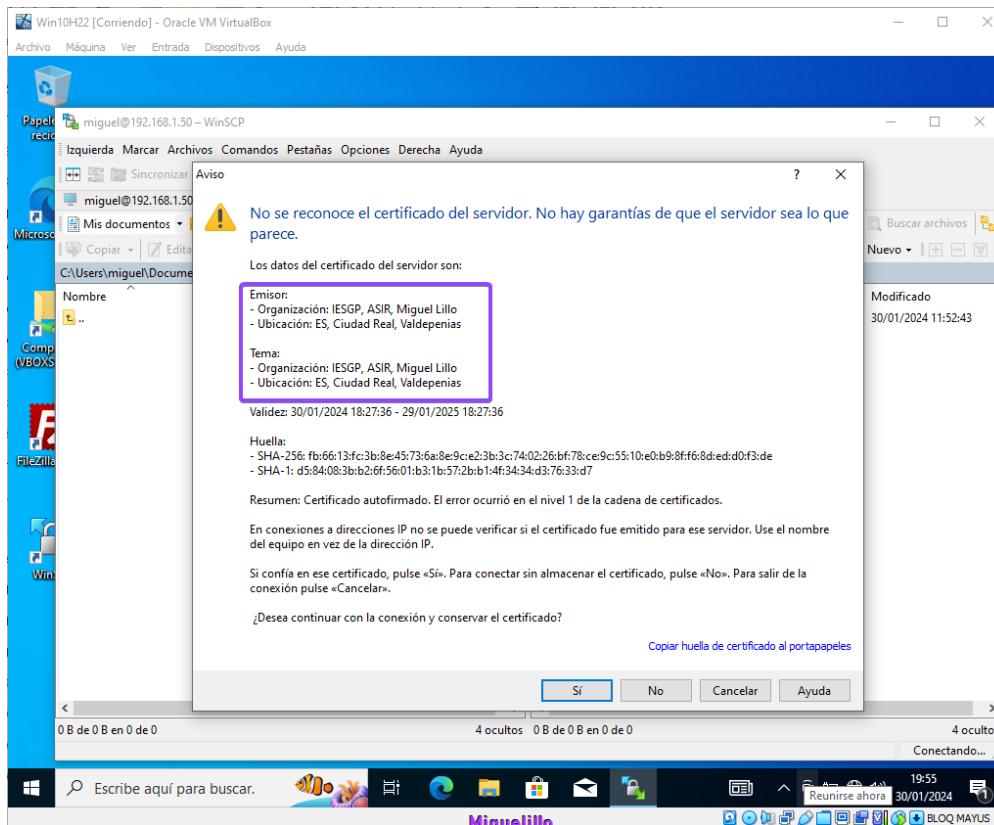
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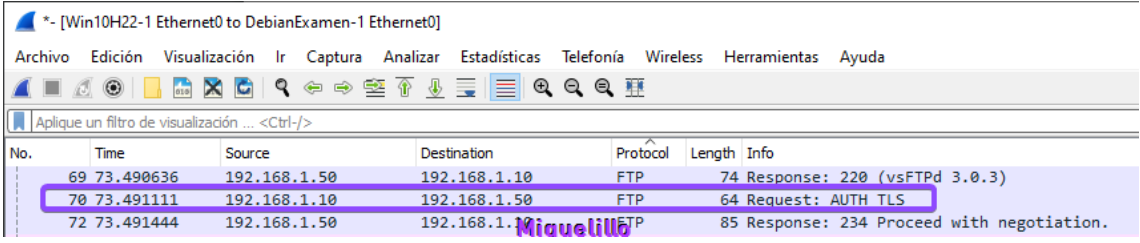
Probamos a conectarnos con una cliente poniendo el modo explícito



Vemos los datos del certificado



Capturamos el trafico e indica por FTP que estamos usando TLS



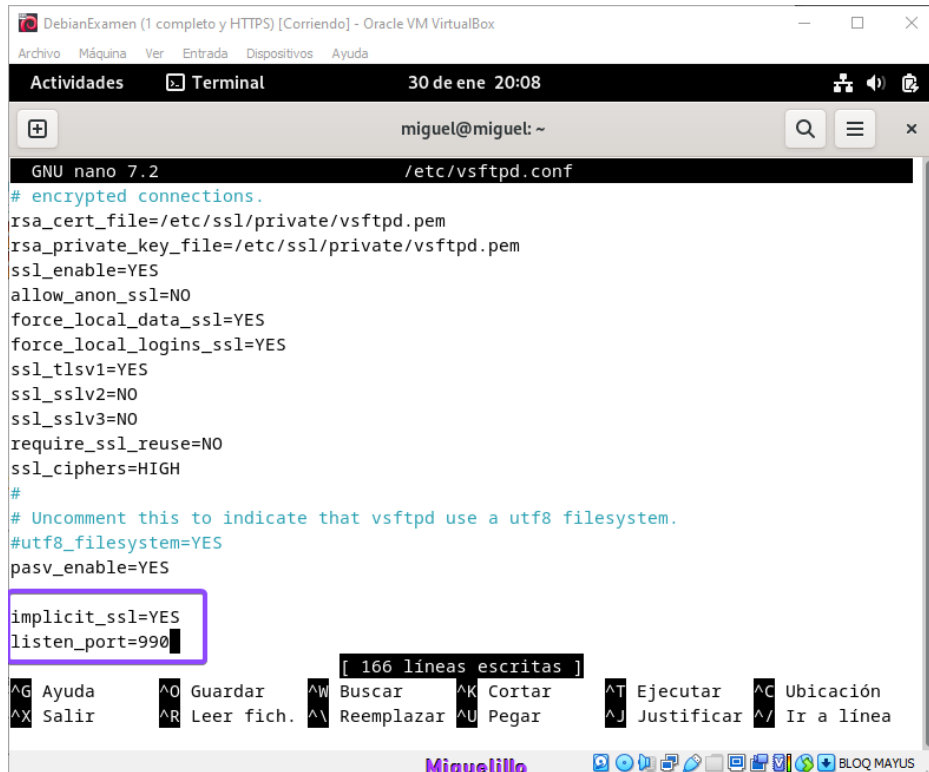
Wireshark interface showing network traffic capture. The packet list table is displayed below the menu bar and toolbar.

No.	Time	Source	Destination	Protocol	Length	Info
69	73.490636	192.168.1.50	192.168.1.10	FTP	74	Response: 220 (vsFTPd 3.0.3)
70	73.491111	192.168.1.10	192.168.1.50	FTP	64	Request: AUTH TLS
72	73.491444	192.168.1.50	192.168.1.10	FTP	85	Response: 234 Proceed with negotiation.

b) FTP Implícito

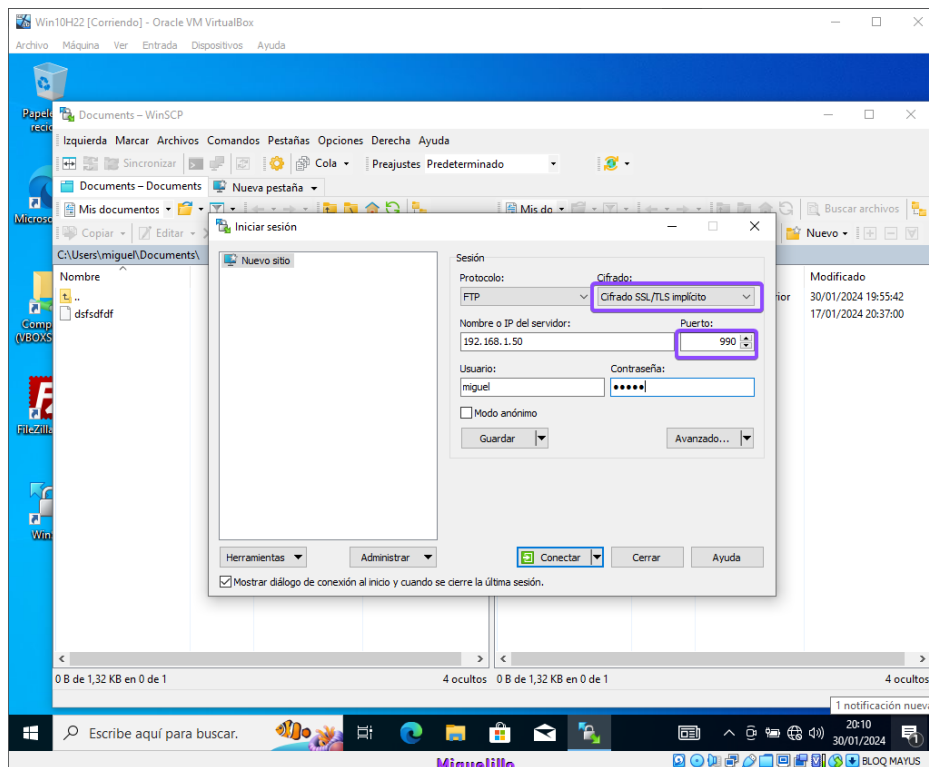
Solución:

Añadimos estas líneas para ponerlo en implícito

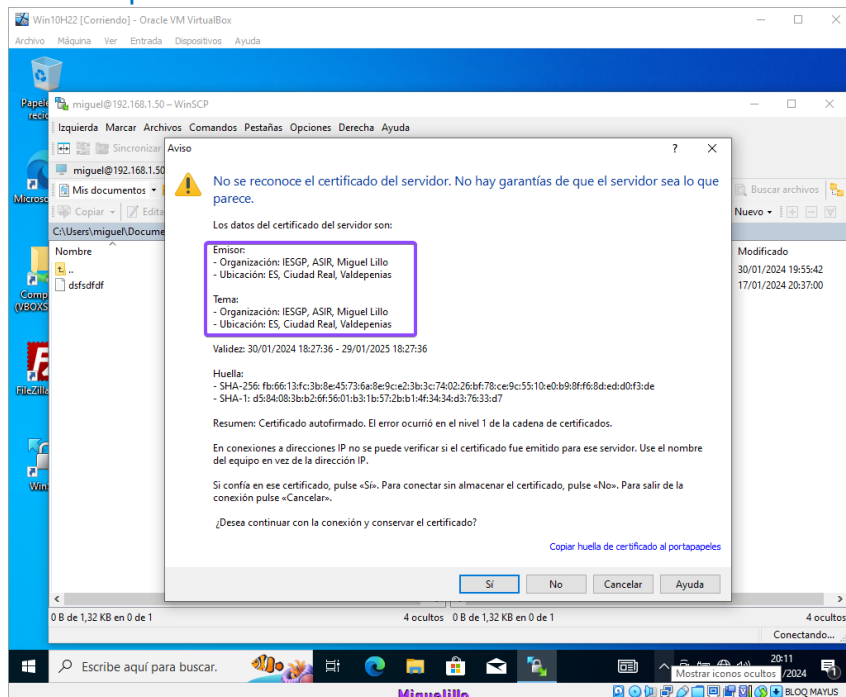


```
DebianExamen (1 completo y HTTPS) [Corriendo] - Oracle VM VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
Actividades Terminal 30 de ene 20:08
miguel@miguel: ~
GNU nano 7.2 /etc/vsftpd.conf
# encrypted connections.
rsa_cert_file=/etc/ssl/private/vsftpd.pem
rsa_private_key_file=/etc/ssl/private/vsftpd.pem
ssl_enable=YES
allow_anon_ssl=NO
force_local_data_ssl=YES
force_local_logins_ssl=YES
ssl_tlsv1=YES
ssl_sslv2=NO
ssl_sslv3=NO
require_ssl_reuse=NO
ssl_ciphers=HIGH
#
# Uncomment this to indicate that vsftpd use a utf8 filesystem.
#utf8_filesystem=YES
pasv_enable=YES
implicit_ssl=YES
listen_port=990
[ 166 líneas escritas ]
Ayuda Guardar Buscar Cortar Ejecutar Ubicación
Salir Leer fich. Reemplazar Pegar Justificar Ir a línea
Miguelillo BLOQ MAYUS
```

Nos conectamos por Implícito y el puerto 990



Vemos que nos muestra el certificado com antes



Vemos que utiliza el puerto 990 por TCP

The screenshot shows a Wireshark network traffic capture. The packet list pane displays several packets. The selected packet is a TCP ACK packet with the following details:

No.	Time	Source	Destination	Protocol	Length	Info
39	27.581189	192.168.1.10	192.168.1.50	TCP	54	49644 → 990 [ACK] Seq=1 Ack=1 Win=2102272 Len=0
40	27.581364	192.168.1.10	192.168.1.50	TLV1.3	368	Client Hello
41	27.581688	192.168.1.50	192.168.1.10	TCP	60	990 → 49644 [ACK] Seq=1 Ack=315 Win=64128 Len=0
42	27.583717	192.168.1.50	192.168.1.10	TLV1.3	153	Hello Retry Request, Change Cipher Spec
43	27.586715	192.168.1.10	192.168.1.50	TLV1.3	407	Change Cipher Spec, Client Hello
44	27.589026	192.168.1.50	192.168.1.10	TLV1.3	1514	Server Hello, Application Data, Application Data, Application Data
45	27.589079	192.168.1.50	192.168.1.10	TLV1.3	207	Application Data, Application Data
46	27.589284	192.168.1.10	192.168.1.50	TCP	54	49644 → 990 [ACK] Seq=668 Ack=1713 Win=2102272 Len=0