

# Redes

Telnet

# Integrantes

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# Temas

- Telnet
- SSH
- SCP - Secure Copy
- RDP – Remote Desktop Protocol

# Telnet

¿Qué es telnet?

¿Por qué existe?

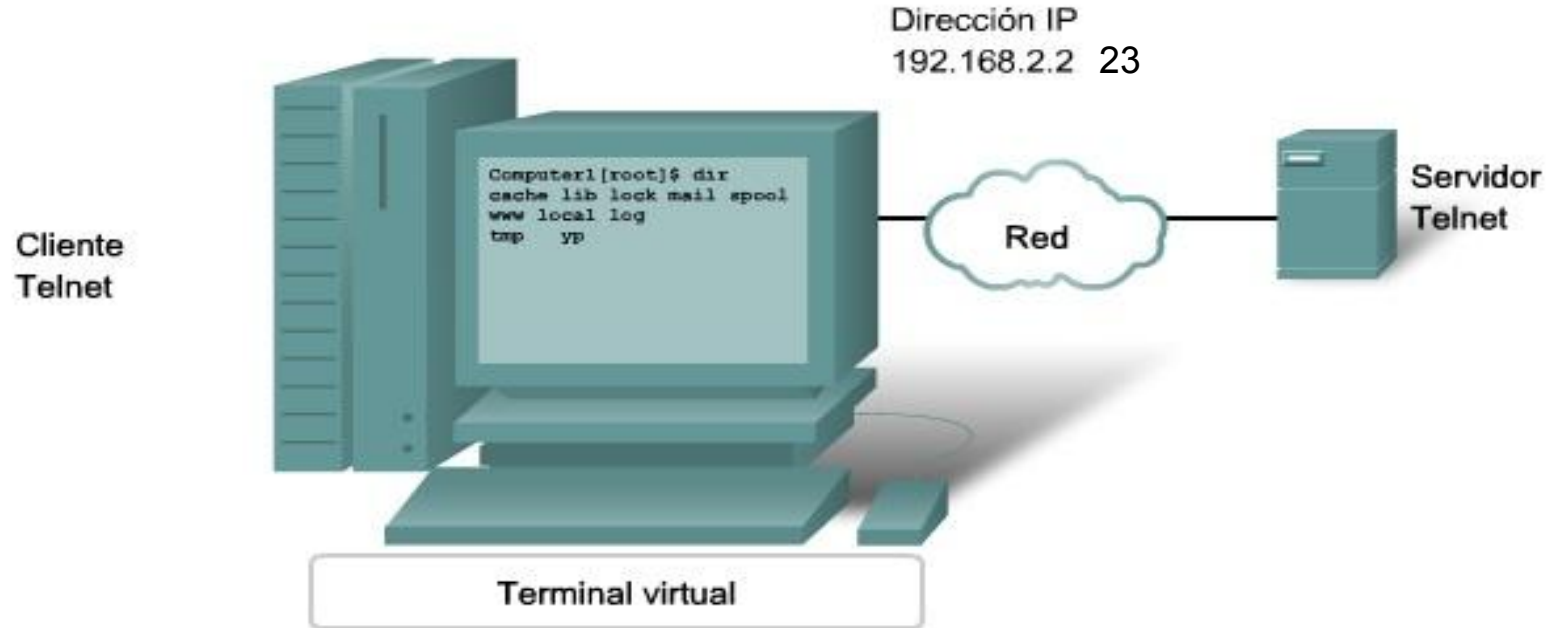
¿Para qué sirve?

¿Cómo se usa?

Hoy, ¿se recomienda su uso?

Protocolo de red que se inicia en 1969. Surge bajo la necesidad de conectar 2 equipos remotamente. Se aplica sobre una conexión TCP utilizando un canal de 8 bits para enviar datos en ASCII.

## Telnet



Telnet proporciona una forma de utilizar una computadora, conectada a través de la red, para acceder a un dispositivo de red como si el teclado y el monitor estuvieran conectados directamente al dispositivo.

# Cómo funciona?

- Permite solucionar fallos a distancia
- Posibilita la consulta remota de datos
- Utilizar todo tipo de servicios
  - Consultas a db
  - Consultas de mails
- Acceder a los BBS

**Para qué se usa?**

Para comenzar a usar telnet solo basta con iniciar el cliente, seguido de la dirección del servidor y el puerto:

```
alejandro@alejandro-A24 ~ $ telnet 192.168.0.9
```

**Conexión remota**

```
alejandro@alejandro-A24 ~ $ telnet 192.168.0.9
Trying 192.168.0.9...
Connected to 192.168.0.9.
Escape character is '^]'.
```

Metasploitable

Warning: Never expose this VM to an untrusted network!

Contact: [msfdev\[at\]metasploit.com](mailto:msfdev[at]metasploit.com)

Login with msfadmin/msfadmin to get started

metasploitable login: █

## Conexión remota

metasploitable login: msfadmin

Password:

Last login: Mon May 4 15:03:40 EDT 2015 from 192.168.0.8 on pts/1

Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686

The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/\*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.

To access official Ubuntu documentation, please visit:

<http://help.ubuntu.com/>

No mail.

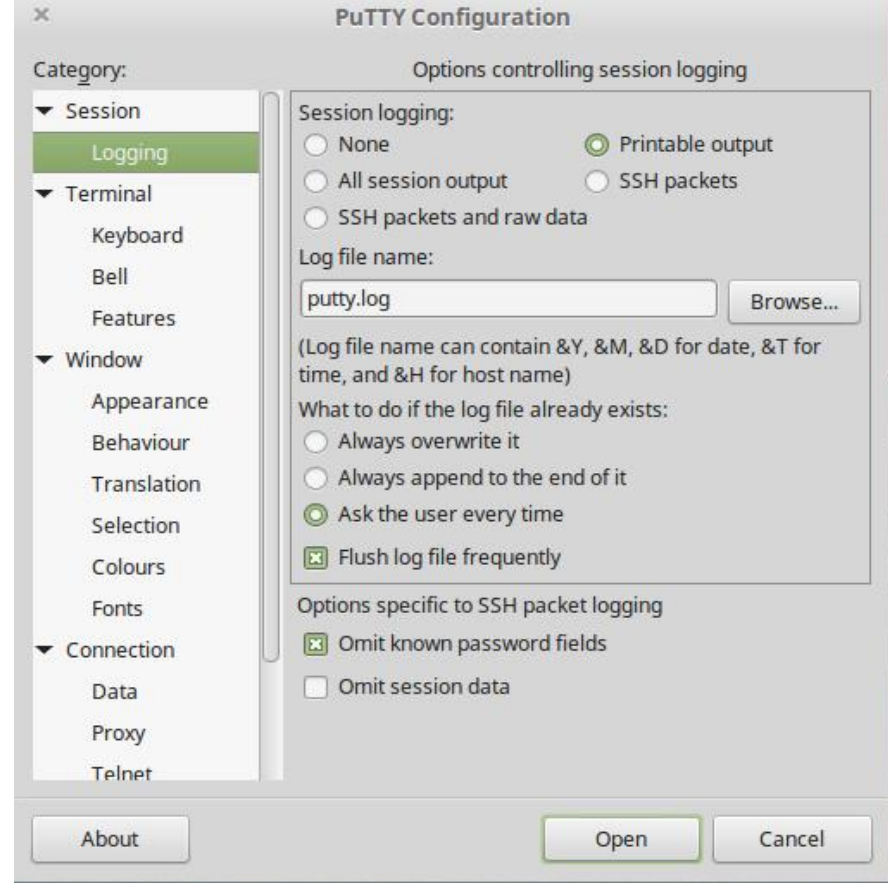
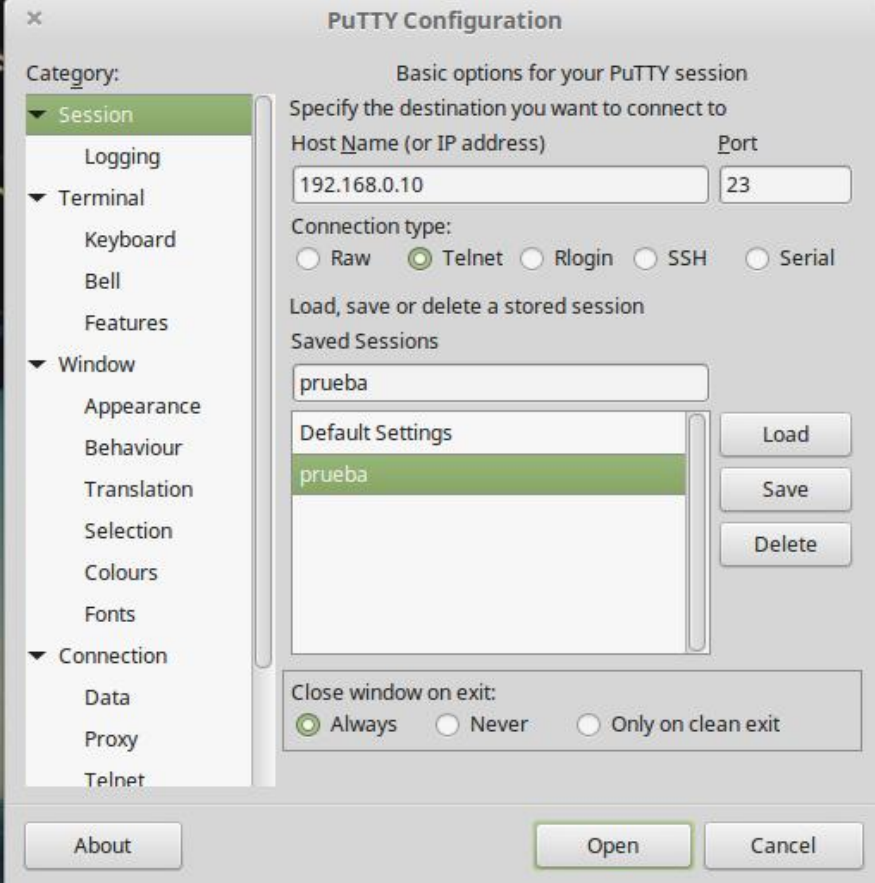
msfadmin@metasploitable:~\$

## Conexión remota

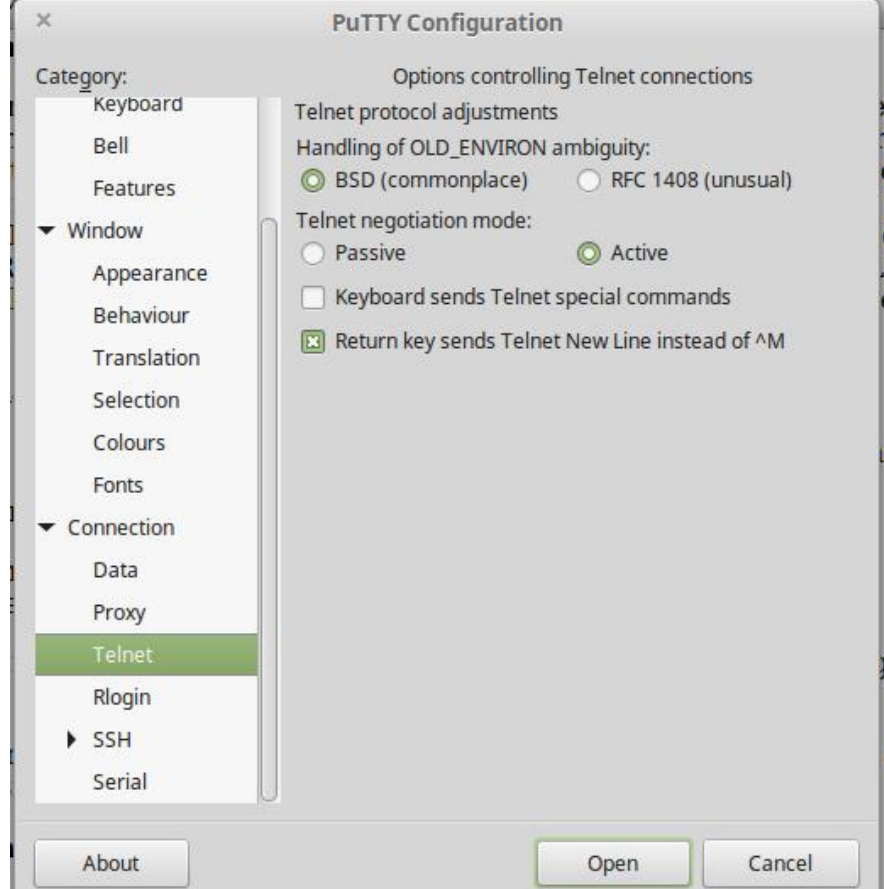
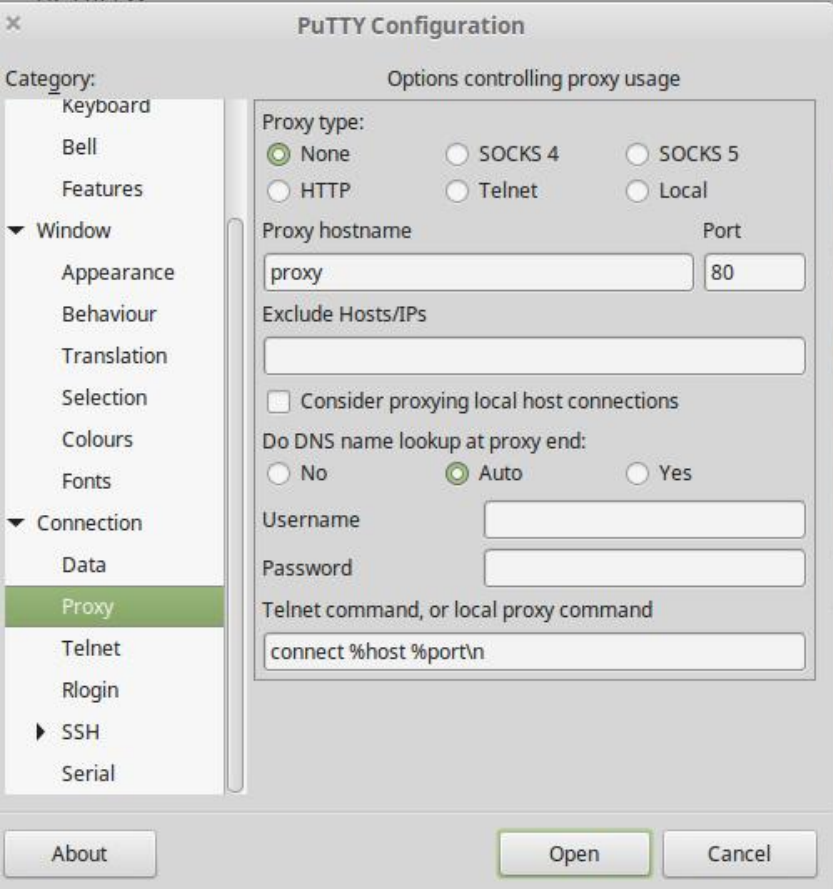
```
msfadmin@metasploitable:~$ ls
vulnerable
msfadmin@metasploitable:~$ cd vulnerable/
msfadmin@metasploitable:~/vulnerable$ ls
mysql-ssl  samba  tikiwiki  twiki20030201
msfadmin@metasploitable:~/vulnerable$
```

```
msfadmin@metasploitable:~$ mkdir redes
msfadmin@metasploitable:~$ ls
redes  vulnerable
msfadmin@metasploitable:~$ cd redes/
msfadmin@metasploitable:~/redes$
```

**Conexión remota**

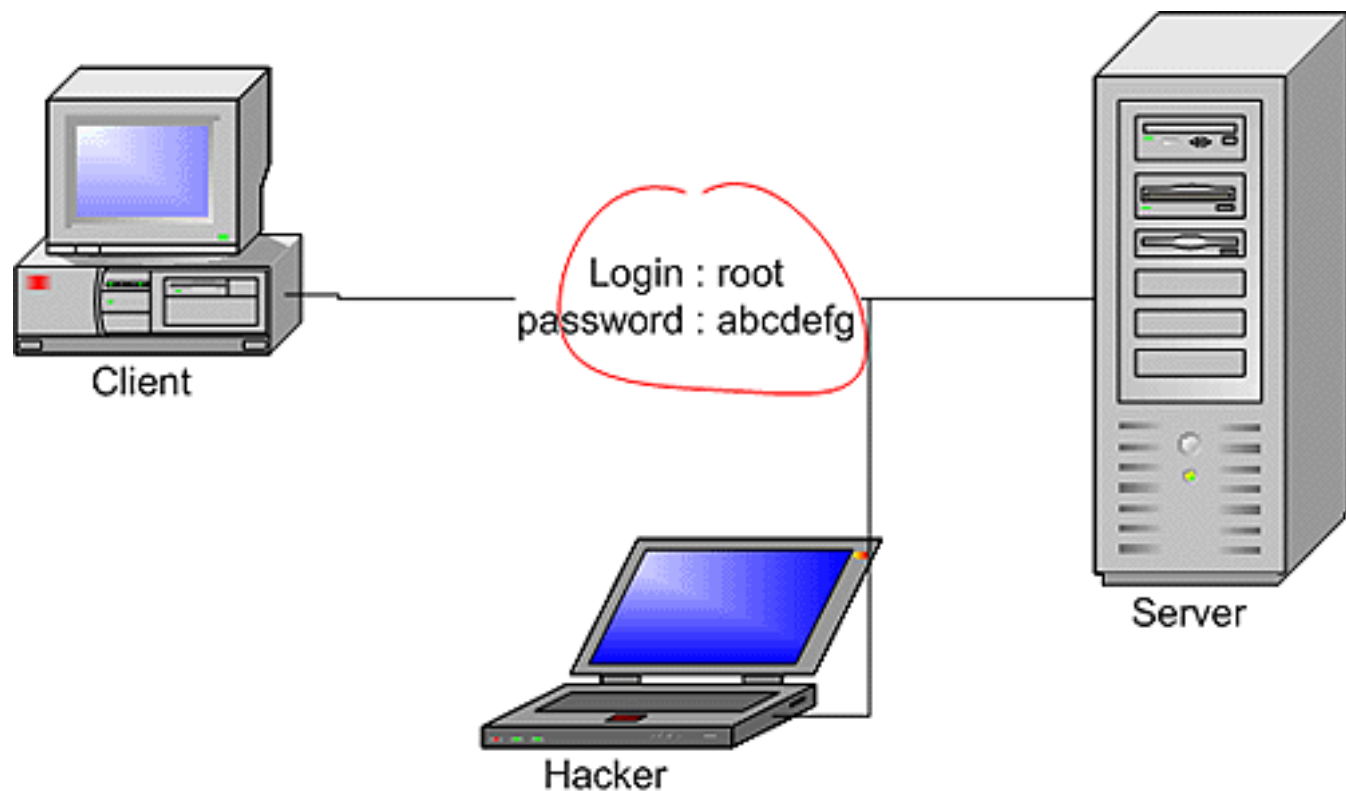


# Putty



# Putty





**Seguridad**

## Follow TCP Stream

Stream Content

```
mmssffaaddmmiinn
```

```
.  
Password: msfadmin
```

```
.  
Last login: Mon May 4 15:45:12 EDT 2015 from 192.168.0.8 on pts/1  
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686
```

```
The programs included with the Ubuntu system are free software;  
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individual files in /usr/share/doc/*/copyright.
```

```
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.
```

```
To access official Ubuntu documentation, please visit:  
http://help.ubuntu.com/
```

```
No mail.
```

```
msfadmin@metasploitable:~$ mmkkddiirr rreeddeess
```

```
.  
mkdir: cannot create directory `redes': File exists
```

```
msfadmin@metasploitable:~$ ll...[Kccdd rreeddeess
```

```
.  
msfadmin@metasploitable:~/redes$ llss
```

```
.  
msfadmin@metasploitable:~/redes$
```

Entire conversation (790 bytes)

Buscar

Guardar como

Imprimir

☒ ASCII☐ EBCDIC☐ Hex Dump☐ C Arrays☐ Raw

Ayuda

Filter Out This Stream

Cerrar

Follow TCP Stream

Stream Content

```
msfadmin  
.  
msfadmin  
.  
mkdir redes  
.  
cd redes  
.  
ls  
.  
.
```

192.168.0.8:39346 → 192.168.0.9:telnet (49 bytes)

Buscar

Guardar como

Imprimir

☒ ASCII

☐ EBCDIC

☐ Hex Dump

☐ C Arrays

☐ Raw

Ayuda

Filter Out This Stream

Cerrar

## Follow TCP Stream

Stream Content

```
msfadmin
Password:
Last login: Mon May  4 15:45:12 EDT 2015 from 192.168.0.8 on pts/1
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686
```

The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/\*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.

To access official Ubuntu documentation, please visit:

<http://help.ubuntu.com/>

No mail.

```
msfadmin@metasploitable:~$ mkdir redes
```

```
mkdir: cannot create directory `redes': File exists
```

```
msfadmin@metasploitable:~$ l..[Kcd redes
```

```
msfadmin@metasploitable:~/redes$ ls
```

```
msfadmin@metasploitable:~/redes$
```

192.168.0.9:telnet → 192.168.0.8:39346 (741 bytes)

Buscar

Guardar como

Imprimir

☒ ASCII

☐ EBCDIC

☐ Hex Dump

☐ C Arrays

☐ Raw

Ayuda

Filter Out This Stream

Cerrar



**Preguntas**

1. <http://es.wikipedia.org/wiki/Telnet>
2. <http://es.kioskea.net/contents/283-protocolo-telnet>
3. <http://www.rfc-es.org/rfc/rfc0854-es.txt>
4. <https://uvirtual.unet.edu.ve/pluginfile.php/1/blog/attachment/1435/telnet.pdf>
5. <http://neo.lcc.uma.es/evirtual/cdd/tutorial/transporte/twhandshake.html>
6. [http://docsetools.com/articulos-enciclopedicos/article\\_92547.html](http://docsetools.com/articulos-enciclopedicos/article_92547.html)
7. <http://tartarus.org/~simon/putty-snapshots/htmldoc/Chapter4.html>

RFC:

1. <http://www.rfc-es.org/rfc/rfc0854-es.txt>

## Referencias