

VALIDACION FILTROS

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1

a)

```
[root@localhost ~]# ping localhost
PING localhost (127.0.0.1) 56(84) bytes of data.
64 bytes from localhost (127.0.0.1): icmp_seq=1 ttl=64 time=0.040 ms
64 bytes from localhost (127.0.0.1): icmp_seq=2 ttl=64 time=0.019 ms
64 bytes from localhost (127.0.0.1): icmp_seq=3 ttl=64 time=0.033 ms
^C
--- localhost ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2003ms
rtt min/avg/max/mdev = 0.019/0.030/0.040/0.010 ms
[root@localhost ~]# ping 127.0.0.1
PING 127.0.0.1 (127.0.0.1) 56(84) bytes of data.
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.023 ms
64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.034 ms
^C
--- 127.0.0.1 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 999ms
rtt min/avg/max/mdev = 0.023/0.028/0.034/0.007 ms
```

b)

```
[root@localhost ~]# ping www.redes.dis.ulpgc.es
PING triton.dis.ulpgc.es (193.145.147.22) 56(84) bytes of data.
64 bytes from triton2.dis.ulpgc.es (193.145.147.22): icmp_seq=1 ttl=62 time=59.3
ms
64 bytes from triton2.dis.ulpgc.es (193.145.147.22): icmp_seq=2 ttl=62 time=63.5
ms
64 bytes from triton2.dis.ulpgc.es (193.145.147.22): icmp_seq=3 ttl=62 time=59.9
ms
^C
--- triton.dis.ulpgc.es ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2003ms
rtt min/avg/max/mdev = 59.381/60.984/63.578/1.851 ms
[root@localhost ~]# ping 10.110.34.4
PING 10.110.34.4 (10.110.34.4) 56(84) bytes of data.
64 bytes from 10.110.34.4: icmp_seq=1 ttl=128 time=0.287 ms
64 bytes from 10.110.34.4: icmp_seq=2 ttl=128 time=0.266 ms
^C
--- 10.110.34.4 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 999ms
rtt min/avg/max/mdev = 0.266/0.276/0.287/0.019 ms
[root@localhost ~]# █
```

c)

```
Símbolo del sistema
Respuesta desde 142.250.184.3: bytes=32 tiempo=88ms TTL=112

Estadísticas de ping para 142.250.184.3:
    Paquetes: enviados = 4, recibidos = 4, perdidos = 0
    (0% perdidos),
    Tiempos aproximados de ida y vuelta en milisegundos:
        Mínimo = 88ms, Máximo = 98ms, Media = 90ms

C:\Users\ssr>ping 10.110.34.1

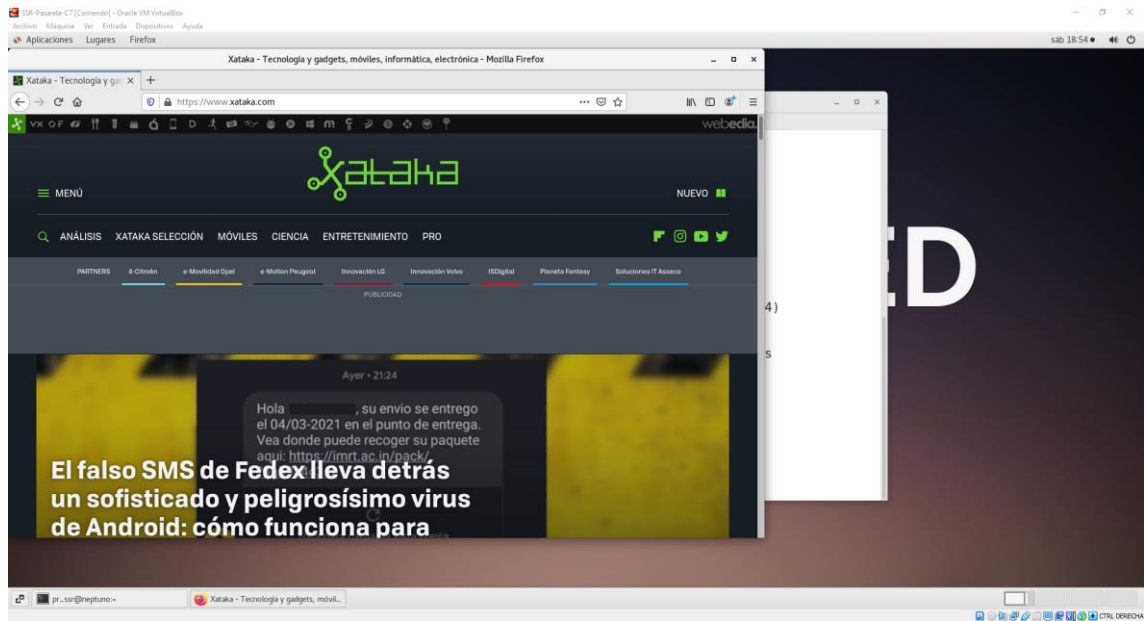
Haciendo ping a 10.110.34.1 con 32 bytes de datos:
Respuesta desde 10.110.34.1: bytes=32 tiempo<1m TTL=64
Respuesta desde 10.110.34.1: bytes=32 tiempo<1m TTL=64
Respuesta desde 10.110.34.1: bytes=32 tiempo<1m TTL=64
Respuesta desde 10.110.34.1: bytes=32 tiempo<1m TTL=64

Estadísticas de ping para 10.110.34.1:
    Paquetes: enviados = 4, recibidos = 4, perdidos = 0
    (0% perdidos),
    Tiempos aproximados de ida y vuelta en milisegundos:
        Mínimo = 0ms, Máximo = 0ms, Media = 0ms

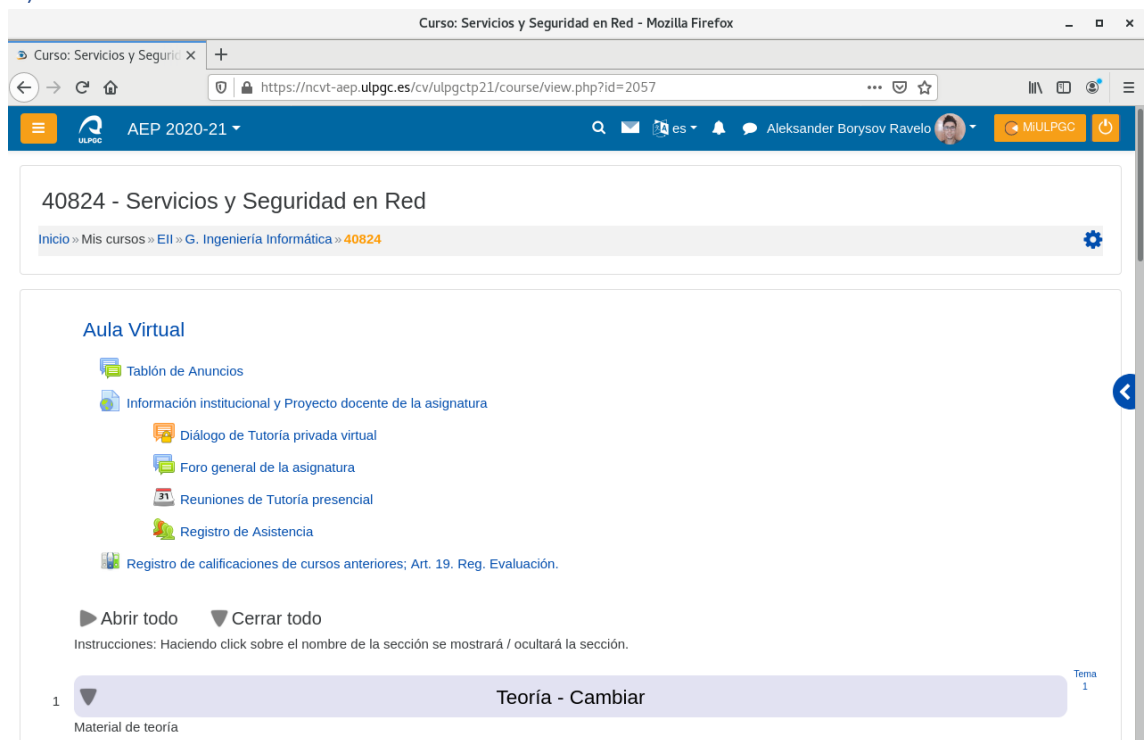
pr_ssr@neptuno:~
Archivo Editar Ver Buscar Terminal Ayuda
[root@localhost ~]# ssh pr_ssr@neptuno.redes.dis.ulpgc.es
pr_ssr@neptuno.redes.dis.ulpgc.es's password:
Last login: Sat Mar  6 17:38:00 2021 from 10.110.1.81
[pr_ssr@neptuno ~]$ ping 10.110.1.34
PING 10.110.1.34 (10.110.1.34) 56(84) bytes of data.
^C
--- 10.110.1.34 ping statistics ---
5 packets transmitted, 0 received, 100% packet loss, time 4785ms

[pr_ssr@neptuno ~]$ ping 10.110.34.1
PING 10.110.34.1 (10.110.34.1) 56(84) bytes of data.
From 10.110.1.1: icmp_seq=1 Redirect Host(New nexthop: 10.110.1.34)
^C
--- 10.110.34.1 ping statistics ---
12 packets transmitted, 0 received, 100% packet loss, time 11664ms
```

d)



e)

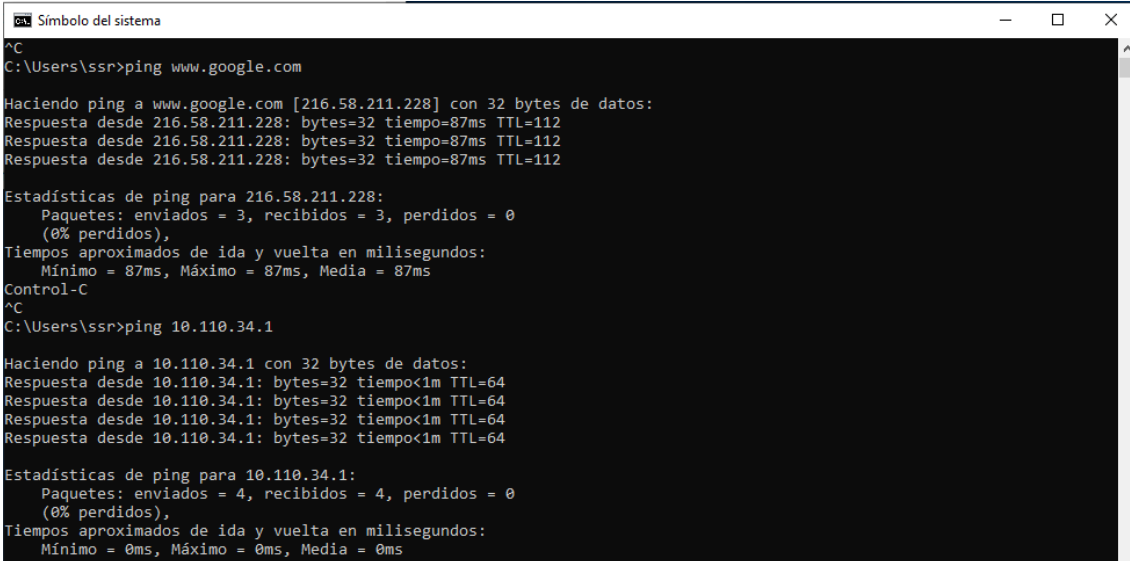


f)

```
Windows PowerShell
PS C:\Users\ssr\Desktop> sftp 10.110.34.1
ssr@10.110.34.1's password:
Connection closed

pr_ssr@neptuno:~
Archivo  Editar  Ver  Buscar  Terminal  Ayuda
[root@localhost ~]# ssh pr_ssr@neptuno.redes.dis.ulpgc.es
pr_ssr@neptuno.redes.dis.ulpgc.es's password:
Last login: Sat Mar  6 18:27:23 2021 from 10.110.1.34
[pr_ssr@neptuno ~]$ ssh 10.110.1.34
^C
[pr_ssr@neptuno ~]$ ssh 10.110.34.1
^C
```

a)



```

^C
C:\Users\ssr>ping www.google.com

Haciendo ping a www.google.com [216.58.211.228] con 32 bytes de datos:
Respuesta desde 216.58.211.228: bytes=32 tiempo=87ms TTL=112
Respuesta desde 216.58.211.228: bytes=32 tiempo=87ms TTL=112
Respuesta desde 216.58.211.228: bytes=32 tiempo=87ms TTL=112

Estadísticas de ping para 216.58.211.228:
    Paquetes: enviados = 3, recibidos = 3, perdidos = 0
              (0% perdidos),
    Tiempos aproximados de ida y vuelta en milisegundos:
        Mínimo = 87ms, Máximo = 87ms, Media = 87ms
Control-C
^C
C:\Users\ssr>ping 10.110.34.1

Haciendo ping a 10.110.34.1 con 32 bytes de datos:
Respuesta desde 10.110.34.1: bytes=32 tiempo<1m TTL=64
Respuesta desde 10.110.34.1: bytes=32 tiempo<1m TTL=64
Respuesta desde 10.110.34.1: bytes=32 tiempo<1m TTL=64
Respuesta desde 10.110.34.1: bytes=32 tiempo<1m TTL=64

Estadísticas de ping para 10.110.34.1:
    Paquetes: enviados = 4, recibidos = 4, perdidos = 0
              (0% perdidos),
    Tiempos aproximados de ida y vuelta en milisegundos:
        Mínimo = 0ms, Máximo = 0ms, Media = 0ms

```

b)

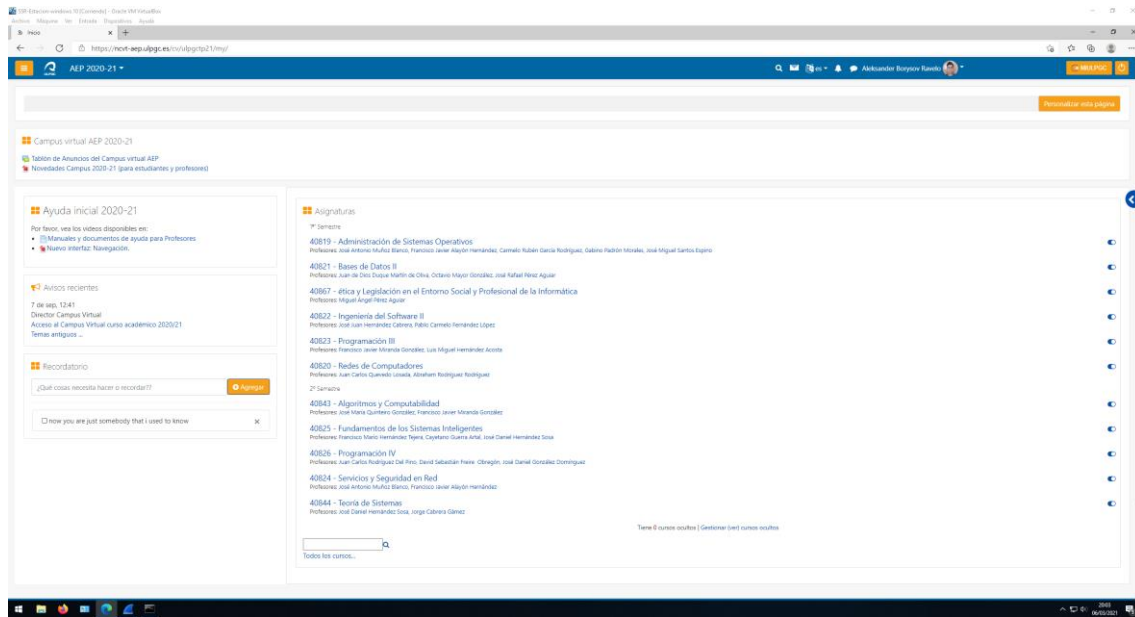
```

[root@localhost ~]# ping 10.110.34.4
PING 10.110.34.4 (10.110.34.4) 56(84) bytes of data.
64 bytes from 10.110.34.4: icmp_seq=1 ttl=128 time=0.294 ms
64 bytes from 10.110.34.4: icmp_seq=2 ttl=128 time=0.257 ms
64 bytes from 10.110.34.4: icmp_seq=3 ttl=128 time=0.265 ms
64 bytes from 10.110.34.4: icmp_seq=4 ttl=128 time=0.272 ms
64 bytes from 10.110.34.4: icmp_seq=5 ttl=128 time=0.301 ms
^C
--- 10.110.34.4 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4037ms
rtt min/avg/max/mdev = 0.257/0.277/0.301/0.027 ms

[pr_ssr@neptuno ~]$ ping 10.110.34.4
PING 10.110.34.4 (10.110.34.4) 56(84) bytes of data.
From 10.110.1.1: icmp_seq=1 Redirect Host(New nexthop: 10.110.1.34)
^C
--- 10.110.34.4 ping statistics ---
7 packets transmitted, 0 received, 100% packet loss, time 6385ms

```

c)



d)

```
C:\Users\ssr>ssh pr_ssr@neptuno.redes.dis.ulpgc.es
pr_ssr@neptuno.redes.dis.ulpgc.es's password:
Last login: Sat Mar  6 18:38:22 2021 from 10.110.1.34
[pr_ssr@neptuno ~]$
```

LOG

```
root@localhost:var/log
Archivo Editar Ver Buscar Terminal Ayuda
g.freedesktop.problems'
Mar  6 18:48:55 localhost chronyd[613]: Source 5.56.160.3 replaced with 90.165.1
20.190
Mar  6 18:50:01 localhost systemd: Started Session 12 of user root.
Mar  6 18:53:57 localhost rtkit-daemon[597]: Successfully made thread 5263 of pr
ocess 4977 (/usr/lib64/firefox/firefox) owned by '0' RT at priority 10.
Mar  6 18:57:44 localhost kernel: Se ha intentado hacer ssh/sftIN=tap0 OUT= MAC=
be:65:f4:28:c5:ef:00:1e:4f:35:49:b4:08:00 SRC=10.110.1.29 DST=10.110.1.34 LEN=60
TOS=0x00 PREC=0x00 TTL=64 ID=63493 DF PROT0=TCP SPT=55684 DPT=22 WINDOW=14600 R
ES=0x00 SYN URGP=0
Mar  6 18:57:45 localhost kernel: Se ha intentado hacer ssh/sftIN=tap0 OUT= MAC=
be:65:f4:28:c5:ef:00:1e:4f:35:49:b4:08:00 SRC=10.110.1.29 DST=10.110.1.34 LEN=60
TOS=0x00 PREC=0x00 TTL=64 ID=63494 DF PROT0=TCP SPT=55684 DPT=22 WINDOW=14600 R
ES=0x00 SYN URGP=0
Mar  6 18:57:51 localhost kernel: Se ha intentado hacer ssh/sftIN=tap0 OUT= MAC=
be:65:f4:28:c5:ef:00:1e:4f:35:49:b4:08:00 SRC=10.110.1.29 DST=10.110.34.1 LEN=60
TOS=0x00 PREC=0x00 TTL=64 ID=12173 DF PROT0=TCP SPT=60258 DPT=22 WINDOW=14600 R
ES=0x00 SYN URGP=0
Mar  6 18:57:52 localhost kernel: Se ha intentado hacer ssh/sftIN=tap0 OUT= MAC=
be:65:f4:28:c5:ef:00:1e:4f:35:49:b4:08:00 SRC=10.110.1.29 DST=10.110.34.1 LEN=60
TOS=0x00 PREC=0x00 TTL=64 ID=12174 DF PROT0=TCP SPT=60258 DPT=22 WINDOW=14600 R
ES=0x00 SYN URGP=0
```