

[fortigate](#), [debug](#), [troubleshooting](#)

Comandos de Debug

<box> diagnose debug flow filter clear Clear filter. vd Index of virtual domain. proto Protocol number. addr IP address. saddr Source IP address. daddr Destination IP address. port port sport Source port. dport Destination port. negate Inverse filter. </box>

Números de protocolos más usados <box>

```
Protocol number 1: ICMP
Protocol number 6: TCP
Protocol number 17: UDP
```

</box>

Es muy importante después de ejecutar alguno de los comandos de debug, el borrar la traza y deshabilitar el debug

```
diag debug flow trace stop
diag debug reset
diag debug flow filter clear
diag debug disable
```

Debug de un puerto

```
diag debug flow filter dport 25
diag debug enable
diag debug flow trace start 100
```

debug de una dirección ip

```
diag debug flow filter addr 192.168.0.100
diag debug enable
diag debug flow trace start 100
```

DNS

```
diag debug reset
diag debug flow filter clear
diag debug flow filter port 53
```

a la hora de poner filtros podemos poner varios. Por ejemplo



```
diag debug flow filter port 53
diag debug flow filter addr 192.168.0.100
diag debug enable
diag debug flow trace start 100
```

OSPF

```
diagnose ip router ospf level info
diagnose ip router ospf all enable
diag debug enable
```

Referencias

- <https://www.schalley.eu/2016/11/10/troubleshooting-fortigate-command-line-check-debugging-t race-sniffer/>
- <https://kb.fortinet.com/kb/documentLink.do?externalID=FD31702>
- <https://kb.fortinet.com/kb/microsites/search.do?cmd=displayKC&docType=kc&externalId=FD30038>

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