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Copiar la estructura de sota, tantes vegades com sigui necessari


Entrega una captura del resultat de la comanda ip a (on també es vegi el prompt modificat de la màquina)

```
dt. d'oct. 08 11:55:00 romeror@hades:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:5c:81:d3 brd ff:ff:ff:ff:ff:ff
    inet 10.0.2.15/24 metric 100 brd 10.0.2.255 scope global dynamic enp0s3
        valid_lft 85985sec preferred_lft 85985sec
    inet6 fe80::a00:27ff:fe5c:81d3/64 scope link
        valid_lft forever preferred_lft forever
dt. d'oct. 08 11:55:02 romeror@hades:~$ _
```

Entrega una captura del resultat de la comanda anterior (sudo systemctl status bind9) al servidor

```
dt. d'oct. 08 11:58:23 romeror@hades:~$ sudo systemctl status bind9
• named.service - BIND Domain Name Server
   Loaded: loaded (/lib/systemd/system/named.service; enabled; vendor preset: enabled)
   Active: active (running) since Tue 2024-10-08 11:57:57 UTC; 43s ago
     Docs: man:named(8)
  Process: 1519 ExecStart=/usr/sbin/named $OPTIONS (code=exited, status=0/SUCCESS)
 Main PID: 1520 (named)
    Tasks: 5 (limit: 2219)
   Memory: 7.3M
      CPU: 32ms
   CGroup: /system.slice/named.service
           └─1520 /usr/sbin/named -u bind

d'oct. 08 11:57:57 hades named[1520]: network unreachable resolving './DNSKEY/IN': 2001:503:ba3e::2:30#53
d'oct. 08 11:57:57 hades named[1520]: network unreachable resolving './NS/IN': 2001:503:ba3e::2:30#53
d'oct. 08 11:57:57 hades named[1520]: network unreachable resolving './DNSKEY/IN': 2801:1b8:10::b#53
d'oct. 08 11:57:57 hades named[1520]: network unreachable resolving './NS/IN': 2801:1b8:10::b#53
d'oct. 08 11:57:57 hades named[1520]: network unreachable resolving './DNSKEY/IN': 2001:500:2::c#53
d'oct. 08 11:57:57 hades named[1520]: network unreachable resolving './NS/IN': 2001:500:2::c#53
d'oct. 08 11:57:57 hades named[1520]: network unreachable resolving './DNSKEY/IN': 2001:7fe::53#53
d'oct. 08 11:57:57 hades named[1520]: network unreachable resolving './NS/IN': 2001:7fe::53#53
d'oct. 08 11:57:57 hades named[1520]: managed-keys-zone: Initializing automatic trust anchor manage
d'oct. 08 11:57:57 hades named[1520]: resolver priming query complete: success
lines 1-22/22 (END)
```

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Entrega una captura on mostris que has trobat els arxius anteriors (ls -la de la carpeta)

```
dt. d'oct. 08 11:59:22 romeror@hades:~$ cd /etc/bind/
dt. d'oct. 08 12:00:33 romeror@hades:/etc/bind$ ls -la
total 56
drwxr-sr-x  2 root bind 4096 d'oct.   8 11:57 .
drwxr-xr-x 99 root root 4096 d'oct.   8 11:57 ..
-rw-r--r--  1 root root 2403 de jul.  16 18:16 bind.keys
-rw-r--r--  1 root root  237 d'abr.  11 21:11 db.0
-rw-r--r--  1 root root  271 d'abr.   9 20:39 db.127
-rw-r--r--  1 root root  237 d'abr.   9 20:39 db.255
-rw-r--r--  1 root root  353 d'abr.   9 20:39 db.empty
-rw-r--r--  1 root root  270 d'abr.   9 20:39 db.local
-rw-r--r--  1 root bind  463 d'abr.  11 21:11 named.conf
-rw-r--r--  1 root bind  498 d'abr.   9 20:39 named.conf.default-zones
-rw-r--r--  1 root bind  165 d'abr.   9 20:39 named.conf.local
-rw-r--r--  1 root bind  846 d'abr.   9 20:39 named.conf.options
-rw-r--r--  1 bind bind  100 d'oct.   8 11:57 rndc.key
-rw-r--r--  1 root root 1317 d'abr.   9 20:39 zones.rfc1918
dt. d'oct. 08 12:00:37 romeror@hades:/etc/bind$ _
```


Entrega una captura on mostris el resultat de la comanda anterior sudo named-checkconf (idealment no mostra res).

```
dt. d'oct. 08 12:05:25 romeror@hades:/etc/bind$ sudo named-checkconf
dt. d'oct. 08 12:05:39 romeror@hades:/etc/bind$ _
```

Entrega una captura on mostris el resultat de la comanda anterior nslookup google.com localhost

```
dt. d'oct. 08 12:07:09 romeror@hades:/etc/bind$ nslookup google.com localhost
Server:      localhost
Address:     127.0.0.1#53

Non-authoritative answer:
Name:   google.com
Address: 216.58.215.174
Name:   google.com
Address: 2a00:1450:4003:80d::200e
```

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Entrega una captura on mostris el netplan del client i la seva aplicació amb ip a

```
dt. d'oct. 08 12:26:35 romerox@pc1:/etc/netplan$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:85:47:80 brd ff:ff:ff:ff:ff:ff
    inet 172.30.1.49/24 brd 172.30.1.255 scope global enp0s3
        valid_lft forever preferred_lft forever
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic enp0s3
        valid_lft 86390sec preferred_lft 86390sec
    inet6 fe80::a00:27ff:fe85:4780/64 scope link
        valid_lft forever preferred_lft forever
dt. d'oct. 08 12:26:46 romerox@pc1:/etc/netplan$
```

Entrega una captura on mostris la execució de ip a i després la execució de sudo resolvectl status (al client)

```
dt. d'oct. 08 12:30:00 romerox@pc1:/etc/netplan$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:85:47:80 brd ff:ff:ff:ff:ff:ff
    inet 172.30.1.49/24 brd 172.30.1.255 scope global enp0s3
        valid_lft forever preferred_lft forever
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic enp0s3
        valid_lft 86183sec preferred_lft 86183sec
    inet6 fe80::a00:27ff:fe85:4780/64 scope link
        valid_lft forever preferred_lft forever
dt. d'oct. 08 12:30:13 romerox@pc1:/etc/netplan$ resolvectl status
Global
    Protocols: -LLMNR -mDNS -DNSOverTLS DNSSEC=no/unsupported
    resolv.conf mode: stub

Link 2 (enp0s3)
    Current Scopes: DNS
    Protocols: +DefaultRoute +LLMNR -mDNS -DNSOverTLS DNSSEC=no/unsupported
    Current DNS Server: 10.0.2.3
    DNS Servers: 10.0.2.3
dt. d'oct. 08 12:30:37 romerox@pc1:/etc/netplan$
```

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Entrega una captura del resultat de la comanda `nslookup www.google.es`

```

dt. d'oct. 08 12:35:57 romerox@pc1:/etc/netplan$ nslookup www.google.es
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
www.google.es canonical name = forcesafesearch.google.com.
Name:   forcesafesearch.google.com
Address: 216.239.38.120
Name:   forcesafesearch.google.com
Address: 2001:4860:4802:32::78

```