

Server Tools

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Networking

Testing connection

curl

```
$ curl -v -k https://mail.mycompany.org:443
* Rebuilt URL to: https://mail.mycompany.org:443/
* Hostname was NOT found in DNS cache
*   Trying 80.99.81.245...
* Connected to mail.mycompany.org (80.99.81.245) port 443 (#0)
* Initializing NSS with certpath: sql:/etc/pki/nssdb
* skipping SSL peer certificate verification
* SSL connection using TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA
* Server certificate:
*   subject: E=info@mycompany.org,CN=mail.mycompany.org,OU=BUI,O=mycompany Ugyvedi Iroda,L=Budapest,C=HU
*   start date: Mar 03 18:36:50 2015 GMT
*   expire date: Feb 28 18:36:50 2025 GMT
*   common name: mail.mycompany.org
*   issuer: E=info@mycompany.org,CN=ca.mycompany.org,OU=mycompany-CA Division,O=mycompany Corporation,L=Budapest,C=HU
> GET / HTTP/1.1
> User-Agent: curl/7.37.0
> Host: mail.mycompany.org
> Accept: */*
>
< HTTP/1.1 200 OK
....
```

Ki hallgatózik egy adott porton

lsof: ez nem mindig a legjobb, nem minden esetben mutatja meg a pid-et.

```
# lsof -i tcp:389
COMMAND  PID USER  FD   TYPE DEVICE SIZE/OFF NODE NAME
slapd    19636 root    7u   IPv4 440051      0t0  TCP *:ldap (LISTEN)
slapd    19636 root    8u   IPv6 440052      0t0  TCP *:ldap (LISTEN)
```

netstat: fontos, hogy root-ként futtassuk, mert bizonyos process-eket csak a root láthat.

```
# netstat -nlp
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name
tcp        0      0 192.168.10.214:9999    0.0.0.0:*                  LISTEN      22200/ssh
tcp        0      0 192.168.10.214:16431  0.0.0.0:*                  LISTEN      22193/ssh
tcp        0      0 192.168.10.214:8080   0.0.0.0:*                  LISTEN      22193/ssh
tcp        0      0 0.0.0.0:8081          0.0.0.0:*                  LISTEN      22633/webserverd-wdog
...
```

Disk

Size, space

Partition space

df

```
# df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/mapper/vg_server-lv_root
                9.5G  2.5G  6.6G  28% /
tmpfs           4.9G   0  4.9G   0% /dev/shm
/dev/md0        283M   64M  205M  24% /boot
/dev/mapper/vg_server-lv_home
                366G  23G  325G   7% /home
/dev/mapper/vg_server-lv_var
                29G   24G   3.5G  88% /var
```

Folder size

du

```
# du -sh *
12K    cache
3.7G   files
764M   files_trashbin
674M   files_versions
294M   thumbnails
```

Memory

Memory usage by processes

```
# ps aux --sort -rss
```

```
# ps -eo size,pid,user,command --sort -size | awk '{ hr=$1/1024 ; printf("%13.2f Mb ",hr) } { for ( x=4 ; x<=NF ; x++ ) { printf("%s ",$x) }
```

Sum memory usage

```
# free -h
```