

lsof

Network Port

What process is using the port 50000

```
lsof -i :50000

lsof -i :https

lsof -i tcp:25

lsof -i udp:53

lsof -i :1-1024

lsof -i udp
```

Mount Point

What process is using the mount-point

```
lsof | grep /path/to/mount-point

lsof +f -- /path/to/dir

lsof +D /path/to/dir

# List all NFS files
lsof -N
```

Process

What files and directories are using by the process

```
lsof -p `pidof <app_name>`
```

```
lsof -c apache
```

```
lsof | grep apache
```

```
# list Parent PID of processes
```

```
lsof -p [PID] -R
```

User

```
# List files opened by processes belonging to a specific user
```

```
lsof -u [user-name]
```

```
lsof -a -i -u www-data
```

IP & Domain

List files based on their Internet address

```
# For IPv4
```

```
lsof -i 4
```

```
# For IPv6
```

```
lsof -i 6
```

File

```
lsof -t [file-name]
```

```
lsof -t /usr/lib/x86_64-linux-gnu/libpcre2-8.so.0.9.0
```

```
# Finding open files in a specific directory under Linux or Unix
```

```
lsof +D /path/to/dir/
```

```
# list any open files which have been removed or deleted
```

```
lsof -nP +L1
```

```
lsof -nP +L1 +D /path/to/dir/
```

Memory

```
lsof -d mem
```

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