

Shell

It is based on FreeBSD

OPNSense custom

```
pkg update
```

```
pkg upgrade  
pkg upgrade dnsmasq
```

```
opnsense-update
```

shell menu

```
# opnsense-shell
```

- | | |
|------------------------------|-------------------------|
| 0) Logout | 7) Ping host |
| 1) Assign interfaces | 8) Shell |
| 2) Set interface IP address | 9) pfTop |
| 3) Reset the root password | 10) Firewall log |
| 4) Reset to factory defaults | 11) Reload all services |
| 5) Power off system | 12) Update from console |
| 6) Reboot system | 13) Restore a backup |

webgui

```
/usr/local/etc/rc.restart_webgui  
/var/etc/cert.pem  
cat /var/etc/lighty-webConfigurator.conf
```

```
# Reinitialize circular log file (clog) after size change in webui:  
/usr/local/opnsense/scripts/systemhealth/clearlog -m core -f dhcpd
```

firewall

```
ipfw -a list  
pftop
```

```
pfctl -vvsr  
  
# Routing table  
netstat -nr
```

network interfaces

```
ifconfig nic0 media 1000baseTX
```

hardware related

```
pciconf -l -v
```

cdrom

```
camcontrol devlist  
mkdir /media/cdrom  
mount_cd9660 /dev/cd0 /media/cdrom
```

benchmark

```
# seek time and transfer rates benchmark  
diskinfo -tv /dev/cd0
```

networking

```
sockstat -4 -l
```

system / ps

```
# top with command line names  
top -a  
  
swapinfo  
  
pkg install sysinfo
```

```
sysinfo mem
sysinfo storage

iostat -x 1

mount -t procfs proc /proc

$ fetch
https://raw.githubusercontent.com/ococharde/myscripts/master/FreeBSD/freebsd-
memory.sh
## or use curl command ##
## $ curl -O
https://raw.githubusercontent.com/ococharde/myscripts/master/FreeBSD/freebsd-
memory.sh
$ sh freebsd-memory.sh

# Check who is performing huge disk IO: run top and switch to 'm'
```

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