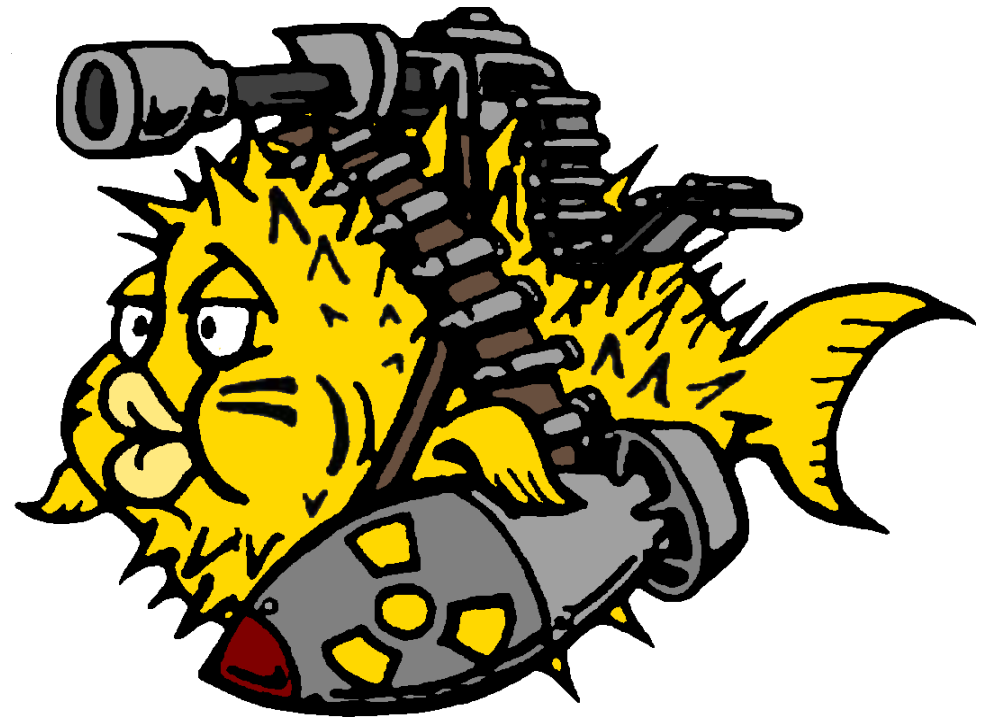


Fundamentos de Administración

¿Que vamos a ver?

- Networking
- Firmware
- Cambio de flavor
- Services
- System Monitoring
- Packages



Networking

¡Viejo y peludo IFCONFIG nomás!

- ifconfig para lan & wlan
- No more wpasupplicant
- ~~Network Manager~~

¿Como me conecto a una wlan?

```
usstosco# ifconfig run0 nwid MovistarFibra-J23dED wpakey 7829dc9fe0  
up
```

```
usstosco# dhclient run0
```

```
run0: 192.168.1.62 lease accepted from 192.168.1.1  
(1c:b0:44:e2:49:cb)
```

Networking

¿Cómo me conecto a una LAN?

```
usstosco# ifconfig em0 up
```

```
usstosco# dhclient em0
```

```
run0: 192.168.118.62 lease accepted from 192.168.118.1  
(1c:b0:44:e2:49:cb)
```

Static IP

```
usstosco# ifconfig em0 192.168.118.62 255.255.255.0 up
```

Networking

Archivo “/etc/hostname.if(5)”

WLAN:

```
usstosco# cat /etc/hostname.run0  
join "Casa Malta Staff" wpakey birrasargentas  
join "TIENDA DE CAFE" wpakey tiendadecafe799  
dhcp
```

LAN:

```
usstosco# cat /etc/hostname.em0  
dhcp # OR inet 192.168.118.62 255.255.255.0
```

Y luego: usstosco# sh /etc/netstart run0

Networking

Otros archivos y configuraciones

- ‘/etc/myname’
- ‘/etc/mygate’
- Aliases (ips virtuales)
- Rutas
- ¿Wifi soportadas?: # apropos wireless

Firmware

¿Como descargarlos?

- fw_update
- <http://firmware.openbsd.org/firmware/>
- fw_update uvideo
- fw_update -a

Flavors

¿Como me paso de -release a -stable?

```
usstosco# user mod -G wsrc msardisco
```

```
usstosco# cd /usr
```

```
usstosco# mkdir -p xenocara ports
```

```
usstosco# chgrp wsrc xenocara ports
```

```
usstosco# chmod 775 xenocara ports
```

```
usstosco# cvs -qd anoncvs@anoncvs.openbsd.org:/cvs  
checkout -rOPENBSD_6_5 -P src
```

```
usstosco# cvs -qd anoncvs@anoncvs.openbsd.org:/cvs  
checkout -rOPENBSD_6_5 -P ports
```

```
usstosco# cvs -qd anoncvs@anoncvs.openbsd.org:/cvs  
checkout -rOPENBSD_6_5 -P xenocara
```

Flavors

¿Como me paso a -current?

```
usstosco# user mod -G wsrc msardisco
```

```
usstosco# cd /usr
```

```
usstosco# mkdir -p xenocara ports
```

```
usstosco# chgrp wsrc xenocara ports
```

```
usstosco# chmod 775 xenocara ports
```

```
usstosco# cvs -qd anoncvs@anoncvs.openbsd.org:/cvs  
checkout -P src
```

```
usstosco# cvs -qd anoncvs@anoncvs.openbsd.org:/cvs  
checkout -P ports
```

```
usstosco# cvs -qd anoncvs@anoncvs.openbsd.org:/cvs  
checkout -P xenocara
```


Flavors

¿Como compilo?

- Instrucciones para Kernel y sistema base: # man 8 release
- Instrucciones para Xenocara: # less '/usr/xenocara/README'
- ¿Ports?: # man ports

¿Puedo pasar a -stable sin compilar? ¡SI!

Con nuestro amigo: syspatch

¿Puedo pasar a -current sin compilar? ¡SI!

- <https://cdn.openbsd.org/pub/OpenBSD/snapshots/>
- Selecciono Upgrade

Flavors

Un nuevo amigo: sysupgrade

- A partir de OpenBSD 6.6
- Ya en -current
- sysupgrade -s
- sysupgrade -r
- sysupgrade -n

Luego del Upgrade:

- pkg_add -u
- sysmerge

Services

rcctl: un ayudante no invasivo... systemd sucks!

- # rcctl ls {all,on,off,started,stopped,failed}
- # rcctl enable
- # rcctl disable
- # rcctl {reload,start,stop,check}
- # rcctl order
- # rcctl set

Monitoring

Con solo: `jrcctl!`

```
usstosco# sysctl -a | grep "hw.sensors"
```

```
hw.sensors.cpu0.temp0=45.00 degC
```

```
hw.sensors.acpitz0.temp0=25.00 degC (zone temperature)
```

```
hw.sensors.acpibtn0.indicator0=0n (lid open)
```

```
hw.sensors.acpiac0.indicator0=0n (power supply)
```

```
hw.sensors.acpiBAT0.volt0=11.40 VDC (voltage)
```

```
hw.sensors.acpiBAT0.volt1=12.64 VDC (current voltage)
```

```
hw.sensors.acpiBAT0.current0=0.00 A (rate)
```

```
hw.sensors.acpiBAT0.amphour0=2.06 Ah (last full capacity)
```

```
hw.sensors.acpiBAT0.amphour1=0.37 Ah (warning capacity)
```

`hw.sensors.acpibat0.amphour2=0.11 Ah (low capacity)`

`hw.sensors.acpibat0.amphour3=3.68 Ah (remaining capacity), OK`

`hw.sensors.acpibat0.amphour4=3.68 Ah (design capacity)`

`hw.sensors.acpibat0.raw0=0 (battery full), OK`

`hw.sensors.pchtemp0.temp0=44.00 degC`

Packages

pkg_add / pkg_info

- /etc/installurl
- pkg_add package
- pkg_info -Q string
- pkg_add -u
- pkg_info -mz
- pkg_add -l