

What's in my toolbox

Dr Alex Owen

mosh: Remote shell support intermittent connectivity and IP roaming. Over UDP, launched transparently via ssh.

<https://mosh.org>

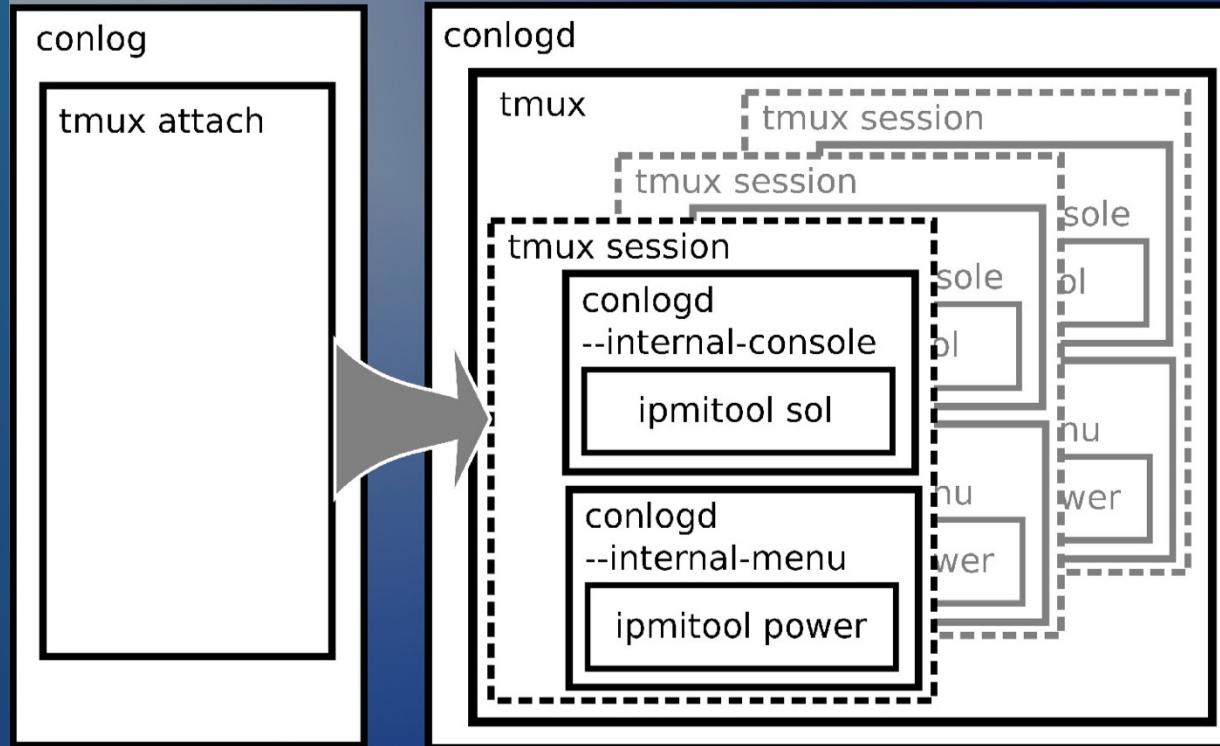
Proxmox: Allows us to have a professional ceph back VM cluster with minimal admin setup costs.

<https://www.proxmox.com/en/proxmox-virtual-environment/overview>

Conlogd: bash script around tmux and ipmitool sol activate and logger. Keeps ipmi SOL open and logs to syslog. Also has a power menu.

<https://github.com/raowen/conlog>

Conlog: Serial Console in the age of IPMI



```
IPMI CONSOLE: hepbackup2
Debian GNU/Linux 7 hepbackup2 ttyS1
hepbackup2 login: owen
Password:
Last login: Mon Mar 17 20:12:18 GMT 2014 on ttyS1
Linux hepbackup2 3.10-0.bpo.3-amd64 #1 SMP Debian 3.10.11-1~bpo70+1 (2013-09-24)
x86_64
owen@hepbackup2:~$ pwd
/home/owen
owen@hepbackup2:~$ exit
logout
Debian GNU/Linux 7 hepbackup2 ttyS1
hepbackup2 login: █

[[hepbackup2]] 0:hepbackup2-console* 1:hepbackup2

IPMI CONSOLE: hepbackup2
2. Power On
3. Power Off (soft)
4. FORCE Power Off
5. Reset Terminal
7. Next Boot -> Disk
8. Next Boot -> BIOS Setup
9. Reset BMC (Warm)echo
10. Reset BMC (Cold)

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Your choice? : 1

2014-03-17T20:11:46+0000
conlogd: Getting Power Status for hepbackup2
Chassis Power is on

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IPMI/Power Menu          NB: ^B-p to return to SOL
-----
1. Power Status
2. Power On
3. Power Off (soft)
4. FORCE Power Off
5. Reset Terminal
6. Next Boot -> Network
7. Next Boot -> Disk
8. Next Boot -> BIOS Setup
9. Reset BMC (Warm)echo
10. Reset BMC (Cold)

-----
Your choice? : █

[[hepbackup2]] 0:hepbackup2-console- 1:hepbackup2-menu* owen
```