Subject: Debian-style init scripts considered harmful?
Posted by Steve Wray on Fri, 11 Jul 2008 01:23:48 GMT

Hi there,

Debian uses start-stop-daemon in the init scripts to, for one thing,
stop services.

 From the man page:

Note: unless --pidfile is specified, start-stop-daemon behaves similar
to killall(1). start-stop-daemon will scan the process table looking
for any processes which match the process name, uid, and/or gid (if
specified). Any matching process will prevent --start from starting the
daemon. All matching processes will be sent the KILL signal if --stop
is specified. For daemons which have long-lived children which need to
live through a --stop you must specify a pidfile.

For example, nfs-kernel-server does not use --pidfile. It looks for nfsd
processes to kill.

Suppose that the Openvz host and one of its guests were running NFS and,
on the host, one were to run /etc/init.d/nfs-kernel-server stop

As I understand it this would have the side-effect of killing off the
nfsd processes on the guest.

If true, this would seem somewhat... harsh?