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Subject: Stopping puppet on hn stops it in all VE  
Posted by [ugob](#) on Fri, 06 Jul 2007 16:15:13 GMT  
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HN: centos4  
VE: centos4

```
[root@hn init.d]# vzctl exec 101 /etc/init.d/puppet status
puppetd (pid 5994) is running...
```

```
[root@hn init.d]# service puppet stop
Stopping puppet: [ OK ]
[root@hn init.d]# vzctl exec 101 /etc/init.d/puppet status
puppetd is stopped
```

Please let me know if you need more info.

Here is the puppet init script:

```
#!/bin/bash
# puppet      Init script for running the puppet client daemon
#
# Author:      Duane Griffin <d.griffin@psenterprise.com>
#              David Lutterkort <dlutter@redhat.com>
#
# chkconfig:  - 98 02
#
# description: Enables periodic system configuration checks through puppet.
# processname: puppet
# config: /etc/sysconfig/puppet

PATH=/usr/bin:/sbin:/bin:/usr/sbin
export PATH

[ -f /etc/sysconfig/puppet ] && . /etc/sysconfig/puppet
lockfile=${LOCKFILE-/var/lock/subsys/puppet}
pidfile=${PIDFILE-/var/run/puppet.pid}
puppetd=${PUPPETD-/usr/sbin/puppetd}
RETVAL=0

# Source function library.
. /etc/rc.d/init.d/functions

PUPPET_OPTS=""
[ -n "${PUPPET_SERVER}" ] && PUPPET_OPTS="--server=${PUPPET_SERVER}"
[ -n "$PUPPET_LOG" ] && PUPPET_OPTS="${PUPPET_OPTS} --logdest=${PUPPET_LOG}"
[ -n "$PUPPET_PORT" ] && PUPPET_OPTS="${PUPPET_OPTS} --port=${PUPPET_PORT}"
```

```
# Figure out if the system just booted. Let's assume
# boot doesn't take longer than 5 minutes
## Not used for now
##[ -n "$INIT_VERSION" ] && PUPPET_OPTS="{PUPPET_OPTS} --fullrun"
```

```
start() {
    echo -n "Starting puppet: "
    daemon $puppetd ${PUPPET_OPTS} ${PUPPET_EXTRA_OPTS}
    RETVAL=$?
    echo
    [ $RETVAL = 0 ] && touch ${lockfile}
    return $RETVAL
}
```

```
stop() {
    echo -n "Stopping puppet: "
    killproc $puppetd
    RETVAL=$?
    echo
    [ $RETVAL = 0 ] && rm -f ${lockfile} ${pidfile}
}
```

```
reload() {
    echo -n "Restarting puppet: "
    killproc $puppetd -HUP
    RETVAL=$?
    echo
    return $RETVAL
}
```

```
restart() {
    stop
    start
}
```

```
case "$1" in
    start)
        start
        ;;
    stop)
        stop
        ;;
    restart)
        restart
        ;;
    reload|force-reload)
        reload
        ;;

```

```
condrestart|try-restart)
    [ -f "$pidfile" ] && restart
    ;;
status)
    status $puppetd
    ;;
once)
    shift
    $puppetd -o ${PUPPET_OPTS} ${PUPPET_EXTRA_OPTS} $@
    ;;
*)
    echo $"Usage: $0 {start|stop|status|restart|reload|force-reload|condrestart|once}"
    exit 1
esac

exit $RETVAL
```

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Subject: Re: Stopping puppet on hn stops it in all VE  
Posted by [n00b\\_admin](#) on Mon, 09 Jul 2007 10:16:22 GMT  
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This is a "problem" i also ran into.

You do not run any services on the hn that you run on the ve's.

I don't know how the puppet daemon works but i presume it works as a client-server (as far as i understood from their wiki), so you run the master on the hn and the clients on the ve's.

That should not pose any problems. Again if i understood correctly how puppet works.

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Subject: Re: Stopping puppet on hn stops it in all VE  
Posted by [ugob](#) on Mon, 09 Jul 2007 13:48:38 GMT  
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n00b\_admin wrote on Mon, 09 July 2007 06:16 This is a "problem" i also ran into.

You do not run any services on the hn that you run on the ve's.

I know we should not run any real services on the HN, but I still need to monitor/configure it. For example, crond works perfectly on the HN and when I do a 'service crond stop' on the HN, it only stops the instance on the HN, not in the VEs.

n00b\_admin wrote on Mon, 09 July 2007 06:16

I don't know how the puppet daemon works but i presume it works as a client-server (as far as i understood from their wiki), so you run the master on the hn and the clients on the ve's.

That should not pose any problems. Again if i understood correctly how puppet works.

There is no problem running puppet on the HN, except for this problem. Well, the service tests on the HN are not done correctly, because if you tell puppet to make sure crond runs on the HN, it will say it is running even if it is not, because it sees all the VE's instances. I'll try monitoring the HN with nagios instead, but I'll still be configuring the HN with puppet.

Thanks,

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Subject: Re: Stopping puppet on hn stops it in all VE  
Posted by [n00b\\_admin](#) on Mon, 09 Jul 2007 13:54:00 GMT  
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The actual problem lies in the initd script that kills all instances of puppetd.

You can hack the initd script to kill only the processid of the HN puppetd daemon

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Subject: Re: Stopping puppet on hn stops it in all VE  
Posted by [ugob](#) on Mon, 09 Jul 2007 13:59:29 GMT  
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I don't see how the script is different from crond's:

(stop parts only)

```
Puppet:stop() {
    echo -n $"Stopping puppet: "
    killproc $puppetd
    RETVAL=$?
    echo
    [ $RETVAL = 0 ] && rm -f ${lockfile} ${pidfile}
}
```

```
Crond:stop() {
    echo -n $"Stopping $prog: "
    if [ ! -e /var/lock/subsys/crond ]; then
        echo -n $"cannot stop crond: crond is not running."
        failure $"cannot stop crond: crond is not running."
        echo
    fi
}
```

```
    return 1;
fi
killproc crond
RETVAL=$?
echo
[ $RETVAL -eq 0 ] && rm -f /var/lock/subsys/crond;
return $RETVAL
}
```

I'd gladly submit this to the puppet's developers, but I can't see how the behaviour is different.

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Subject: Re: Stopping puppet on hn stops it in all VE  
Posted by [Vasily Tarasov](#) on Wed, 11 Jul 2007 09:49:52 GMT  
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Hello,

Well, as you know, being on HN you can see all the processes on HN: even that one which are in VE. Consequently, in certain circumstances killproc on HN can kill processes in VEs, because it doesn't know that these processes are in VEs, but not on HN.

I suppose you to modify killproc procedure on HN in such way: check that the process to kill - is on HN (in VE0). You can use vzpid tool for it:

```
# vzpid 307
Pid  VEID  Name
307  0      bash
# vzpid 519
Pid  VEID  Name
519  101   atd
HTH,
Vasily
```

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Subject: Re: Stopping puppet on hn stops it in all VE  
Posted by [ugob](#) on Fri, 20 Jul 2007 20:18:06 GMT  
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I don't understand why crond is resistant to this while puppetd isn't... they use the same function (killproc).

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