
Subject: Network diagnostics script

Posted by [John Kelly](#) on Thu, 14 Sep 2006 19:52:29 GMT

[View Forum Message](#) <> [Reply to Message](#)

Here's a little time saving script.

I was diagnosing a network problem, and I needed a snapshot of my network configuration on the HN and VE, plus a venet0 tcpdump. I wanted to see the output on the screen, and capture it to a file, too. And I also wanted to use Ctrl-C to make it stop, when I saw enough.

This helped me solve the network problem quickly, though I spent several hours getting the script to work the way I wanted. :-/

Just change VEID and MYDATA to your liking, and enjoy!

```
#!/bin/sh
```

```
VEID=123
```

```
MYDATA=/root/temp/netdata
```

```
set -e
```

```
mkdir -p ${MYDATA%/*}
```

```
{  
  arp -a; echo ""  
  route -n; echo ""  
  vzctl exec $VEID 'route -n; echo ""; ifconfig venet0'  
  tcpdump -i venet0 -l -n -v &  
  trap ':' INT  
  wait $! || :  
  trap - INT  
  vzctl exec $VEID 'echo ""; ifconfig venet0'  
} \  
2>&1 | tee -i $MYDATA
```

Oops, I almost forgot to say: run this script on the HN, not the VE.