
Subject: Re: Network down

Posted by [Drago](#) on Fri, 19 Mar 2010 17:15:53 GMT

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cat /etc/sysctl.conf

```
net.ipv4.ip_forward = 1
net.ipv6.conf.default.forwarding = 1
net.ipv6.conf.all.forwarding = 1
net.ipv4.conf.default.proxy_arp = 0
net.ipv4.conf.all.rp_filter = 1
kernel.sysrq = 1
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
net.ipv4.tcp_syncookies = 1
net.ipv4.tcp_max_syn_backlog = 2048
net.ipv4.tcp_synack_retries = 2
net.ipv4.tcp_abort_on_overflow = 1
net.ipv4.icmp_echo_ignore_broadcasts=1
net.ipv4.conf.default.forwarding=1
net.ipv4.conf.default.proxy_arp = 0
net.ipv4.conf.all.send_redirects = 0
```

```
net.ipv4.conf.all.arp_ignore=1
net.ipv4.conf.all.arp_announce=2
```

and script who write host is down

simple perl script

```
#!/usr/bin/perl
#
```

```
use vars qw/ $p, @p, @inactive, @skip, @ping, %p /;
use Net::Ping;
```

```
$p =~ s/s+//;
$p =~ s/s+$/g;
@p = split "\n", $p;
for ( @p ) {
    $_ =~ s/s\C+$/g;
}
```

```
$p = `/usr/sbin/vzlist -H -o ip -S`;
$p =~ s/s+//;
```

```

$p =~ s/\s+$/g;
@skip = split "\n", $p;
for ( @skip ) {
    $_ =~ s/\s\C+$/g;
    $p{$_} = 1;
}

for ( @p ) {
    if ($p{$_}) {
    } else {
        push @ping, $_;
    }
}

$p = Net::Ping->new("icmp");
foreach $host ( @ping)
{
    push @inactive, $host unless $p->ping($host, 1);
}
$p->close();

if ( @inactive ) {
    open (FILE,'>>/var/log/ping_hosts.log');
    print FILE localtime().': Down Hosts : '.(join ' ; ', @inactive)."\";
    close FILE;
    $p = `/sbin/ifdown venet0`;
    sleep(2);
    $p = `/sbin/ifup venet0`;
}

```

when scripts write down hosts are really down /i cant ping them from HN with ping xxx.xx.xxx.x/.

and inside VE no any iptable rules. And routes are clean.