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Subject: [IPVS] try to install ipvs into VE  
Posted by [skyangel](#) on Mon, 21 Mar 2011 10:10:53 GMT  
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Hi,

I am trying to set up an ipvs server into a VE.  
I'm following the wiki:  
But it's not enough.

To do that, i set up a network configuration like this:

On ipvs VE = VE1, I configure a veth device with mac address:

```
NETIF=" ifname=eth0,mac=00:0C:29:CA:90:9B,host_ifname=veth170002.0,host_mac=00:0C:29:3F:6D:E0 "
```

On hardware node, i configured a bridge device:

```
vzbr0  Link encap:Ethernet HWaddr 00:0C:29:3F:XX:XX  
      inet addr:XX.XX.XX.XX Bcast:XX.XX.XX.XX Mask:255.255.252.0  
      inet6 addr: fe80::200:ff:fe00:0/64 Scope:Link  
      UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1  
      RX packets:178105 errors:0 dropped:0 overruns:0 frame:0  
      TX packets:30025 errors:0 dropped:0 overruns:0 carrier:0  
      collisions:0 txqueuelen:0  
      RX bytes:11312394 (10.7 MiB) TX bytes:2568442 (2.4 MiB)
```

with interfaces:

```
brctl show  
bridge name    bridge id          STP enabled  interfaces  
vzbr0          8000.000c293f6de0  no           veth170002.0  
              bond0.1031
```

and bond0.1031

```
bond0.1031 Link encap:Ethernet HWaddr 00:1B:78:79:XX:XX  
          inet6 addr: fe80::21b:78ff:fe79:d114/64 Scope:Link  
          UP BROADCAST RUNNING MASTER MULTICAST MTU:1500 Metric:1  
          RX packets:931247 errors:0 dropped:0 overruns:0 frame:0  
          TX packets:975025 errors:0 dropped:0 overruns:0 carrier:0  
          collisions:0 txqueuelen:0  
          RX bytes:115739325 (110.3 MiB) TX bytes:100705549 (96.0 MiB)
```

I switch on the capa NET\_ADMIN on VE.

The same for applicative VE= VE2. I added a VIP on lo mode. XX.XX.XX.1

I installed a ipvs server onton VE1. And my rules is loaded:

```
IP Virtual Server version 1.2.1 (size=4096)
Prot LocalAddress:Port Scheduler Flags
-> RemoteAddress:Port      Forward Weight ActiveConn InActConn
TCP XX.XX.XX.1:ldap rr
-> XX.XX.XX.XX:ldap        Route 1 0 0
```

So, VE1 is listening on VIP on HME interface, like eth0.

On my VE2, i'am listening on port 389 on VIP.

But,

I 'm not available to do a telnet on VIP:389 since another HWN

```
[root@HWN ~]# telnet XX.XX.XX.1 389
```

```
Trying XX.XX.XX.1...
```

```
telnet: connect to address XX.XX.XX.1:389 Connection refused
```

My keepalived conf:

```
global_defs {
    notification_email {
        mail@mail.com
    }
    notification_email_from keepalived@hwn
    smtp_server ZZ.ZZ.ZZ.ZZ
    smtp_connect_timeout 30
}
```

```
vrrp_instance SSP_ECHAN {
    state BACKUP
    interface eth0
    virtual_router_id 59
    priority 99
    advert_int 5
    smtp_alert
    authentication {
        auth_type PASS
        auth_pass SSP_ECHAN
    }
    virtual_ipaddress {
```

```
        XX.XX.XX.1
    }
}

virtual_server XX.XX.XX.1 389 {
    delay_loop 30
    lb_algo rr
    lb_kind DR
    protocol TCP
    ha_suspend
    virtualhost XX.XX.XX.1

    real_server XX.XX.XX.XX 389 {
        weight 1

        AGENT_CHECK {
            nb_retry 4
            frequency 20
        }
    }
}
```

If you have an idea, please help me

Thx ahead.