1. 安裝keepalived

[root@hklvs1 ~]# wget http://www.keepalived.org/software/keepalived-1.2.7.tar.gz

[root@hklvs1 ~]# tar zxcvf keepalived-1.2.7.tar.gz

[root@hklvs1 ~]# cd keepalived-1.2.7

[root@hklvs1 keepalived-1.2.7]# ./configure

[root@hklvs1 keepalived-1.2.7]# make && make install

[root@hklvs1 keepalived-1.2.7]# cd ~

[root@hklvs1 ~]#cp /usr/local/etc/rc.d/init.d/keepalived /etc/rc.d/init.d/

[root@hklvs1 ~]#cp /usr/local/etc/sysconfig/keepalived /etc/sysconfig/

[root@hklvs1 ~]#mkdir -p /etc/keepalived

[root@hklvs1 ~]#cp /usr/local/etc/keepalived/keepalived.conf /etc/keepalived/

[root@hklvs1 ~]#ln –s /usr/local/sbin/keepalived /usr/sbin

[root@hklvs1 ~]#service keepalived start|stop

注意：如果提示” configure: error: Popt libraries is required”則需要安裝popt-devel

執行以下命令即可：yum install popt-devel

1. 配置keepalived

[root@hklvs1 ~]# cd /etc/keepalived/

編輯keepalived，完成後的內容如下：

[root@hklvs1 keepalived]# cat keepalived.conf

! Configuration File for keepalived

global\_defs {

notification\_email {

yhy@efun.com

}

notification\_email\_from sns-lvs@gmail.com

smtp\_server 127.0.0.1

smtp\_connect\_timeout 30

router\_id LVS\_DEVEL

}

vrrp\_instance VI\_1 {

state MASTER //從服務器上修改成BACKUP

interface em1

virtual\_router\_id 51

priority 100 //從服務器上修改成99，低於100

advert\_int 1

authentication {

auth\_type PASS //加密方式

auth\_pass 1111 //密码，MASTER 和BACKUP必须一致

}

virtual\_ipaddress {

202.55.12.249 // #(如果有多个VIP，继续换行填写.)

}

}

virtual\_server 202.55.12.249 80 { //虚拟服务器IP和端口

delay\_loop 6 // #(每隔6 秒查询realserver 状态)

lb\_algo rr // #(lvs 算法)

lb\_kind DR // #(Direct Route)模式

persistence\_timeout 60 // #( 同一IP 的连接60 秒内被分配到同一台realserver)

protocol TCP // #(用TCP 协议检查realserver 状态)

real\_server 202.55.12.246 80 { //虚拟服务器下面的realserver的IP和端口

weight 1 //#(权重)，越大被分配到的几率越大

TCP\_CHECK {

connect\_timeout 10 // #(10 秒无响应超时)

nb\_get\_retry 3 //尝试3次

delay\_before\_retry 3 //每次间隔3秒

connect\_port 80 //连接端口

}

}

real\_server 202.55.12.247 80 {

weight 3

TCP\_CHECK {

connect\_timeout 10

nb\_get\_retry 3

delay\_before\_retry 3

connect\_port 80

}

}

}

1. 安裝ipvsadm

[root@hklvs1 ~]# yum install ipvsadm

1. 配置後端realserver的腳本

[root@hklogin1 tools]# cd ~

[root@hklogin1 ~]# cd /root/tools/

[root@hklogin1 tools]# cat realserver.sh

#!/bin/bash

VIP=202.55.12.249

. /etc/rc.d/init.d/functions

case "$1" in

start)

ifconfig lo:0 $VIP netmask 255.255.255.255 broadcast $VIP

/sbin/route add -host $VIP dev lo:0

echo "1" >/proc/sys/net/ipv4/conf/lo/arp\_ignore

echo "2" >/proc/sys/net/ipv4/conf/lo/arp\_announce

echo "1" >/proc/sys/net/ipv4/conf/all/arp\_ignore

echo "2" >/proc/sys/net/ipv4/conf/all/arp\_announce

sysctl -p >/dev/null 2>&1

echo "RealServer Start OK"

;;

stop)

ifconfig lo:0 down

route del $VIP >/dev/null 2>&1

echo "0" >/proc/sys/net/ipv4/conf/lo/arp\_ignore

echo "0" >/proc/sys/net/ipv4/conf/lo/arp\_announce

echo "0" >/proc/sys/net/ipv4/conf/all/arp\_ignore

echo "0" >/proc/sys/net/ipv4/conf/all/arp\_announce

echo "RealServer Stoped"

;;

\*)

echo "Usage: $0 {start|stop}"

exit 1

esac

exit 0