keepalived安装文档

# 安装依赖

su - root

yum -y install kernel-devel\*

yum -y install openssl-\*

yum -y install popt-devel

yum -y install lrzsz

yum -y install openssh-clients

# 安装keepalived

## 上传

1、cd /usr/local

2、rz –y

3、选择keepalived安装文件

## 解压

tar –zxvf keepalived-1.2.2.tar.gz

## 重命名

mv keepalived-1.2.2 keepalived

## 安装keepalived

1、cd keepalived

2、执行命令

./configure --prefix=/usr/local/keepalived -enable-lvs-syncd --enable-lvs --with-kernel-dir=/lib/modules/2.6.32-431.el6.x86\_64/build

3、编译

make

4、安装

make install

## 配置服务和加入开机启动

cp /usr/local/keepalived/etc/rc.d/init.d/keepalived /etc/init.d/

cp /usr/local/keepalived/etc/sysconfig/keepalived /etc/sysconfig/

mkdir -p /etc/keepalived

cp /usr/local/keepalived/etc/keepalived/keepalived.conf /etc/keepalived/

ln -s /usr/local/keepalived/sbin/keepalived /sbin/

chkconfig keepalived on

## 修改配置文件

1. vi /etc/keepalived/keepalived.conf
2. 详解：

|  |
| --- |
| global\_defs {  notification\_email {#指定keepalived在发生切换时需要发送email到的对象，一行一个  #acassen@firewall.loc  #failover@firewall.loc  #sysadmin@firewall.loc  }  notification\_email\_from Alexandre.Cassen@firewall.loc#指定发件人  #smtp\_server 192.168.200.1#指定smtp服务器地址  #smtp\_connect\_timeout 30 #指定smtp连接超时时间  router\_id LVS\_DEVEL#运行keepalived机器的一个标识  }  vrrp\_instance VI\_1 {  state BACKUP#指定那个为master，那个为backup  interface eth1#设置实例绑定的网卡  virtual\_router\_id 51#同一实例下virtual\_router\_id必须相同  priority 100#定义优先级，数字越大，优先级越高,备机要小于主  advert\_int 1#MASTER与BACKUP负载均衡器之间同步检查的时间间隔，单位是秒  nopreempt#设置为不抢占,从启动后主不会自动切换回来, 注：这个配置只能设置在backup主机上，而且这个主机优先级要比另外一台高    authentication {#设置认证  auth\_type PASS  auth\_pass 1111  }  virtual\_ipaddress {#设置vip  192.168.56.70#虚拟IP  }  }  virtual\_server 192.168.56.70 8080 {  delay\_loop 6#健康检查时间间隔  lb\_algo rr #调度算法rr|wrr|lc|wlc|lblc|sh|dh  lb\_kind DR #负载均衡转发规则NAT|DR|RUN  #nat\_mask 255.255.255.0 #需要验证  persistence\_timeout 1#会话保持时间  protocol TCP#使用的协议  real\_server 192.168.56.201 8080 {  weight 10 #默认为1,0为失效  SSL\_GET {  url { #检查url，可以指定多个  path /  digest ff20ad2481f97b1754ef3e12ecd3a9cc #检查后的摘要信息  }  url {  path /mrtg/  digest 9b3a0c85a887a256d6939da88aabd8cd  }  connect\_timeout 3#连接超时时间  nb\_get\_retry 3#重连次数  delay\_before\_retry 3#重连间隔时间  }  }  } |

# 按照上面步骤安装备机器

注意：备的配置文件不相同。

# 两台机器启动keepalived：

service keepalived start

# 验证

ip a

# 监控

因为keepalive只能监控机器的死活，所以当软件死掉后，keepalived仍然不会切换；

所以需要写一个脚本，监控软件的死活。

运行wangsf.sh，监控软件