# 磁盘容量监控

## 安装阿里QQ邮件发送工具

1. 在安全组开启邮件465端口
2. 在QQ邮箱开启Exchange服务
3. 停止服务器上其他的邮件发送服务
4. service sendmail stop  
    chkconfig sendmail off

service postfix stop  
 chkconfig postfix off

1. 安装mailx

yum install mailx -y

1. 请求qq邮箱数字证书

mkdir -p /root/.certs/

echo -n | openssl s\_client -connect smtp.qq.com:465 | sed -ne '/-BEGIN CERTIFICATE-/,/-END CERTIFICATE-/p' > ~/.certs/qq.crt  
 certutil -A -n "GeoTrust SSL CA" -t "C,," -d ~/.certs -i ~/.certs/qq.crt  
 certutil -A -n "GeoTrust Global CA" -t "C,," -d ~/.certs -i ~/.certs/qq.crt  
 certutil -A -n "GeoTrust SSL CA - G3" -t "Pu,Pu,Pu" -d ~/.certs/./ -i qq.crt  
 certutil -L -d /root/.certs

1. 配置/etc/mail.rc

set from=1195257477@qq.com

set smtp=smtps://smtp.qq.com:465   
 set smtp-auth-user=1195257477@qq.com   
 set smtp-auth-password=xxxx #授权码  
 set smtp-auth=login  
 set ssl-verify=ignore   
 set nss-config-dir=/root/.certs

1. 发送邮件测试

echo "hello,world" | mail -s "测试邮件" xxxxx@qq.com

## 编写磁盘容量扫描脚本

在/opt目录下创建disk\_check.sh文件,vim编写内容:

#!/bin/bash

admin\_list=xxxxx@pspt.io,xxxxz@pspt.io

partition\_list=(`df -h | awk 'NF>3&&NR>1{sub(/%/,"",$(NF-1));print $NF,$(NF-1)}'`)

critical=80

crit\_info=""

for (( i=0;i<${#partition\_list[@]};i+=2 ))

do

if [ "${partition\_list[((i+1))]}" -gt "$critical" ];then

crit\_info=$crit\_info"Warning!!! ${partition\_list[i]} used ${partition\_list[((i+1))]}%\n"

fi

done

if [ "$crit\_info" != "" ];then

crit\_info=$crit\_info"(`/sbin/ifconfig -a|grep inet|grep -v 127.0.0.1|grep -v inet6|grep -v 172.17.0.1|awk '{print $2}'|tr -d "addr:"`)\n"

for((i=0;i<${#admin\_list[@]};i++))

do

echo -e ${crit\_info} | mail -s "磁盘容量预警!" ${admin\_list[i]}

done

fi

注:admin\_list是预警邮件发送的目标

## 设置定时任务

crontab -e

编辑模式下加入: 0 \* \* \* \* sh /opt/disk\_check.sh隔一小时执行一次