链滴

自动获取公网ＩＰ并定时发送到指定邮箱

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<pre class="prism-highlight prism-language-python">自动获取公网ＩＰ并定时发送到指定邮箱

#!/usr/bin/env python

import sys, os, smtplib, urllib
from time import sleep
from email.mime.text import MIMEText

ipaddr = urllib.urlopen("http://ip.3322.net").read()

ipaddr = os.popen("nvram get wan_ipaddr").read()
smtpserver = 'smtp.gmail.com'
username = '你的GMAIL@gmail.com'
password = '你的GMAIL密码'
sender = 'Router'
receiver = '你的移动手机号@139.com' #或者联通号@wo.com.cn，信号@189.cn
msg = MIMEText(ipaddr)
msg['Subject'] = 'Note: IP Address Changed!'
msg['From'] = sender
msg['To'] = receiver

smtp = smtplib.SMTP()
smtp.connect(smtpserver)
smtp.ehlo()
smtp.starttls()
smtp.ehlo()
smtp.set_debuglevel(1)
smtp.login(username, password)
smtp.sendmail(sender, receiver, msg.as_string())
sleep(5)
smtp.quit()</pre><pre class="prism-highlight prism-language-python">又一版本

#!/usr/bin/env python
-- coding: utf-8 --
author: heidanine
file: checkWapIp.py
modified: 2016/03/20 01:40
<h2 id=""></h2>
##
检测外网的 Ip，发送到指定邮箱
##
初期设置：
1. 填写 myMail -> 你的邮箱哦
2. 填写 mySmtp -> host 你己的 smtp 服务器。 user/pwd 用户名和密码
3. 填写 testUrlParams -> 这个除保留的地址，你可以多找几个，防止哪个网站不好用了。
测试脚本可否执行：
python checkWanIp.py
如果没什么问题就可以把这个脚本的执行交给 cron 了。
配置 cron(需要 root 权限),每 10 分钟检测一次,可自己按习惯定。
crontab -e

输入:
/10 &bsp; * python checkWapIp.py
<h2 id="-"></h2>
import os
import time
import httplib
import urllib
import urllib2
import smtplib
from email.mime.text import MIMEText
################
发件箱地址
myMail = "XXXXXXXX@126.com"
################
# 收件地址
toMailList= [myMail
           #,'111@163.com'
]
################
# 发邮件的 SMTP 服务器设置
mySmtp = {"host": "smtp.XXX.com"
     ,"user": "XXXXXXXX"
     ,"pwd": "XXXXXXXX"
}
################
#检测外网 IP 的网站列表
testUrlParams = [{'domain': 'ifconfig.me', 'uri': '/ip'}
               ,{'domain': 'icanhazip.com', 'uri': ''}
               ]
# log 文件名
logFileName = 'checkWanIp.log'
# log 初始内容
logList = ['']
# 保存上次 IP 信息的文件
lastInfoFileName = '.lastInfo'
def getWanIpInfo():
    '''
    取得外网 IP
    '''
    ipInfo = ['']
    for urlParam in testUrlParams:
        ipInfo.append("\r\n----------")
        ipInfo.append("\r\nTest Server : http://" + urlParam['domain'] + urlParam['uri'])

           ip = getRequestIpInfo urlParam)

        if ip is None:<b
>
            ipInfo.
ppend("\r\nTest Fail!!!!!!!!!!!!!!!!!")
            ipInfo.
ppend("\r\n----------")
        else:
            ipInfo.
ppend("\r\nTest OK!")
            ipInfo.
ppend("\r\nResult: \r\n")
            ipInfo.
ppend(ip)
            ipInfo.
ppend("\r\n----------")
            retur
 "".join(ipInfo)
def getRequestIpInfo(urlParam):
    '''
    从指定的测试 IP 的网站得到当前电脑所在网络的外网 IP
    param['domain'] : 域名 (用 httplib 这个包访
不要加"http://")
    param['uri'] : URI
    '''
    global logList
    ip = None
    try:
        con = httplib.HTTPCo
nection(urlParam['domain'])
        con.request('GET', urlParam['
ri'])
        res = con.getresponse(

        if res.status ==
00 :
            ip&nb
p;= res.read()
        con.close()
    except Exception, e:
        logList.append(str(e))
    return ip
def sendMail(subject, info):
    '''
    发送邮件到指定的邮箱
    subject: 主题
    info: 邮件内容
    '''
    global logList
    msg = MIMEText(info)
    msg['Subject'] = subject
    msg['From'] = myMail
    msg['To'] = ";".join(toMailList)

    try:
        s = smtplib.SMTP();<b
>
        s.connect(mySmtp['host'])
        s.login(mySmtp['user'], myS
tp['pwd'])
        s.sendmail(myMail, toMailList
 msg.as_string())
        s.close()
        return True
    except Exception, e:
        logList.append(str(e))
        return False
def readFile(fileName):
    '''
    读文件内容
    '''
    global logList
    try:
        # 打开文件读取文件内容
        f = open(fileName,&n
sp;'r')
        try:
            retur
 f.read()
        finally:
            f.close(

    except IOError:
        logList.append("\r\n" +&nbs
;fileName + " - Can't open the file! Your
nbsp;maybe first run the script, or confirm the
nbsp;Read permission!")
        return None
def writeFile(fileName, str):
    return writeFileByMode(fileName , str,
w') # 追加模式
def writeLog(str):
    '''
    写 Log 文件
    '''
    print str
    return writeFileByMode(logFileName ,str, 'a'
 # 追加模式
def writeFileByMode(fileName, str, mode):
    '''
    写文件内容
    '''
    global logList
    if mode is None:
        mode = 'w' #&
bsp;默认写模式
    try:
        # 写入文件内容

        f= open(fileName, mo
e)
        try:
            f.write(
tr)
            retur
 True
        finally:
            f.close(

    except IOError:
        logList.append("\r\n" +&nbs
;fileName + " - Can't write the file! Pleas
 confirm the write permission")
        return False
if name == 'main':
    try:
        # 从网站上取得 IP
        ipInfo = getWanIpInfo
)
        logList.append(ipInfo)
        #读取上次保存的内容
        lastInfo = readFile(last
nfoFileName)
        # 判断和上次取得的内容是否
变化
        if lastInfo == ip
nfo:
            logList
append("\r\n\r\n IP is not change!")
            print&
bsp;"".join(logList)
        else:
            #&nb
p;把取得的内容存入文件中，下次用来进行比较
            writeFi
e(lastInfoFileName, ipInfo)
            logList
append("\r\n\r\nWrite new IP to '" + lastInfoFileNam
 + "'")
            #&nb
p;取得开始时间字符串
            timeSt
 = time.strftime('%Y-%m-%-d %H:%M:%S', time.localtime(time.time
)))
            #&nb
p;设置邮件主题
            subjec
 = '[Get IP]host:buhe9(' + timeStr + ')'
            #&nb
p;发送到指定邮箱
            send
ail(subject, ipInfo)
            #写入

og
            logList
append("\r\n Subject: " + subject)
            logList
append("\r\n Send mail ok!")
            logList
append("\r\n")
            writeL
g("".join(logList))
    except Exception, e:
        writeLog(str(e)) </pre> <b
> shell 命令
 <pre class="prism-highlight prism-language-bash">假设你的
箱是 abc@163.com，密码是 123456，你要向 def@163.com 发信：
echo -e "From: abc@163.com\nContent-Type: text/plain;\nSubject
 IP\n\n"<code>wget -O- http://ip.3322.net</code> |&nb
p;sendmail -v -Ssmtp.163.com <a href="https://ld246.com/forward?goto
mailto%3A-fabc%40163.com" target="_blank" rel="nofollow ugc">-fabc@163.com&nb
p;-auabc -ap123456 <a href="https://ld246.com/forward?goto=mailto%3Adef%
0163.com" target="_blank" rel="nofollow ugc">def@163.com</pre><pre class="prism
highlight prism-language-bash">wget -O- <a href="https://ld246.com/forward
goto=http%3A%2F%2Fip.3322.net" target="_blank" rel="nofollow ugc">http://ip.3322.net</
> | sendmail -v -S 邮件 SMTP 服务器 -f 发信人 -au 用
名 -ap 密码 邮箱</pre>
 VBS 代码 <pre class="prism-highl
ght prism-language-actionscript"><服务器 class="codetitle">
代码如下:
getIP
set http=createobject("Microsoft.XMLHTTP")
ipp="<a href="https://ld246.com/forward?goto=http%3A%2F%2Fwww.ip138.com%2Fip2city.
sp" target="_blank" rel="nofollow ugc">http://www.ip138.com/ip2city.asp"
http.open "get",ipp,false
http.send
ss=bytes2BSTR(Http.responsebody)
intStrA = InStr(1,ss,"[",1)+1
sss=mid(ss,intStrA)
intStrB = InStr(1,sss,"]",1)-1
ss=mid(ss,intStrA,intStrB)
wscript.echo ss
Function bytes2BSTR(vIn)
strReturn = ""
For i = 1 To LenB(vIn)
ThisCharCode = AscB(MidB(vIn,i,1))
If ThisCharCode < &H80 Then
strReturn = strReturn & Chr(ThisCharCode)
Else
NextCharCode = AscB(MidB(vIn,i+1,1))
strReturn = strReturn & Chr(CLng(ThisCharCode) *&nb
p;&H100 + CInt(NextCharCode))
i = i + 1
End If
Next
bytes2BSTR = strReturn
End Function
SendEmail
NameSpace = "<a href="https://ld246.com/forward?goto=http%3A%2F%2Fsch

mas.microsoft.com%2Fcdo%2Fconfiguration%2F" target="_blank" rel="nofollow ugc">http://
chemas.microsoft.com/cdo/configuration/"
Set Email = CreateObject("CDO.Message")
Email.From = "发送邮箱"
Email.To = "接收邮箱"
Email.Subject = "主题"
Email.Textbody = ss&date() ss 为获取到的 ip
Email.AddAttachment "附件的路径例如：C:\foo.zip"
With Email.Configuration.Fields
.Item(NameSpace&"sendusing") = 2
.Item(NameSpace&"smtpserver") = "smtp.163.com" smtp 服务器地

.Item(NameSpace&"smtpserverport") = 25
.Item(NameSpace&"smtpauthenticate") = 1
.Item(NameSpace&"sendusername") = "账户名，发送邮箱的"
.Item(NameSpace&"sendpassword") = "密码"
.Update
End With
Email.Send
注意代码中的参数设置 。
<服务器 class="codetitle">复制代码 代码如下:
getIP
set http=createobject("Microsoft.XMLHTTP")
ipp="<a href="https://ld246.com/forward?goto=http%3A%2F%2Fwww.ip138.com%2Fip2city.
sp" target="_blank" rel="nofollow ugc">http://www.ip138.com/ip2city.asp"
http.open "get",ipp,false
http.send
ss=bytes2BSTR(Http.responsebody)
intStrA = InStr(1,ss,"[",1)+1
sss=mid(ss,intStrA)
intStrB = InStr(1,sss,"]",1)-1
ss=mid(ss,intStrA,intStrB)
wscript.echo ss
Function bytes2BSTR(vIn)
strReturn = ""
For i = 1 To LenB(vIn)
ThisCharCode = AscB(MidB(vIn,i,1))
If ThisCharCode < &H80 Then
strReturn = strReturn & Chr(ThisCharCode)
Else
NextCharCode = AscB(MidB(vIn,i+1,1))
strReturn = strReturn & Chr(CLng(ThisCharCode) *&nb
p;&H100 + CInt(NextCharCode))
i = i + 1
End If
Next
bytes2BSTR = strReturn
End Function
SendEmail
NameSpace = "<a href="https://ld246.com/forward?goto=http%3A%2F%2Fsch
mas.microsoft.com%2Fcdo%2Fconfiguration%2F" target="_blank" rel="nofollow ugc">http://
chemas.microsoft.com/cdo/configuration/"
Set Email = CreateObject("CDO.Message")
Email.From = "发送邮箱"

Email.To = "接收邮箱"
Email.Subject = "主题"
Email.Textbody = ss&date() ss 为获取到的 ip
Email.AddAttachment "附件的路径例如：C:\foo.zip"
With Email.Configuration.Fields
.Item(NameSpace&"sendusing") = 2
.Item(NameSpace&"smtpserver") = "smtp.163.com" smtp 服务器地

.Item(NameSpace&"smtpserverport") = 25
.Item(NameSpace&"smtpauthenticate") = 1
.Item(NameSpace&"sendusername") = "账户名，发送邮箱的"
.Item(NameSpace&"sendpassword") = "密码"
.Update
End With
Email.Send
注意代码中的参数设置 。 </pre>