

Table des matières

Stats de votre RASPBERRY par Email	2
Le Script	2
Prérequis	2
Editer Crontab	5




Stats de votre RASPBERRY par Email

Le Script

Voici un petit Script Sympas qui vous permettra de recevoir par email les stats de votre joujou.

Prérequis

- sSMTP ou SendMail
- une adresse email 

MailSystemStatus.sh

```
#!/bin/sh
rm -rf /tmp/stat
#####
# SCRIPT ÉTAT DU SYSTEME DE RASPBERRYPI      #
#           Powered by ME ;o)                #
#                                           v0.7  #
#####
echo Nous sommes le >>/tmp/stat
date >> /tmp/stat
echo >> /tmp/stat
echo "SALUT ADMIN! ☐" >> /tmp/stat
echo "VOICI LE RAPPORT DE SANTÉ DE TON RASPBERRY" >> /tmp/stat
echo "|----->^^<-----|" >> /tmp/stat
echo "|-----C(☐.)-----|" >> /tmp/stat
echo "|-----((☐))-----|" >> /tmp/stat
echo "|-----><-----|" >> /tmp/stat
echo >> /tmp/stat
echo RASPBERRY™ THE BEST OR NOTHING! >> /tmp/stat
echo >> /tmp/stat
echo .....
..... >> /tmp/stat
echo          " (**\☐RASPBERRY SYSTEM STATUS☐/**) " >> /tmp/stat
echo .....
..... >> /tmp/stat
echo _____
>> /tmp/stat
echo USED SPACE in WWW ☐ >> /tmp/stat
```

```

du -sh /var/www/html >> /tmp/stat
echo _____ >> /tmp/stat
echo USED SPACE in LOG [ ] >> /tmp/stat
du -sh /var/log >> /tmp/stat
echo _____ >> /tmp/stat
echo LOG STATUS [ ] >> /tmp/stat
find /var/log -name "*.gz" -type f >> /tmp/stat
echo _____ >> /tmp/stat
echo MEMORY CONSUMPTION INFOS [ ] >> /tmp/stat
free -m >> /tmp/stat
echo _____ >> /tmp/stat
vcgencmd measure_temp | sed "s/temp=//" | sed -e 's/$/ de TEMPERATURE [ ]
/'>> /tmp/stat
echo _____ >> /tmp/stat
ps ax | wc -l | tr -d " " | sed -e 's/$/ PROCESS RUNNING [ ] /' >>
/tmp/stat
echo _____
>> /tmp/stat
echo UPTIME [ ] and LOAD AVERAGE [ ] >> /tmp/stat
uptime >> /tmp/stat
echo _____
>> /tmp/stat
echo >> /tmp/stat
echo ..... >> /tmp/stat
echo " (**\ [ ] SERVICES AUDIT [ ] **) " >> /tmp/stat
echo ..... >> /tmp/stat
echo "***| [ ] FAIL2BAN [ ] |**" >> /tmp/stat
echo _____
>> /tmp/stat
echo [ ] IP BANNED by FAIL2BAN [ ] >> /tmp/stat
grep " Ban " /var/log/fail2ban.log >> /tmp/stat
echo _____
>> /tmp/stat
echo [ ] FAIL2BAN JAILS STATUS [ ] >> /tmp/stat
fail2ban-client status >> /tmp/stat
echo _____
>> /tmp/stat
echo [ ] FAIL2BAN JAILS Apache STATUS [ ] >> /tmp/stat
fail2ban-client status apache-400 >> /tmp/stat
echo _____
>> /tmp/stat
fail2ban-client status apache-404 >> /tmp/stat
echo _____
>> /tmp/stat
fail2ban-client status apache-auth >> /tmp/stat
echo _____
>> /tmp/stat
fail2ban-client status apache-botsearch >> /tmp/stat
echo _____
>> /tmp/stat
echo [ ] FAIL2BAN JAILS Squid STATUS [ ] >> /tmp/stat

```

```

fail2ban-client status squid >> /tmp/stat
echo _____
>> /tmp/stat
echo [FAIL2BAN JAILS Sshd STATUS] >> /tmp/stat
fail2ban-client status sshd >> /tmp/stat
echo _____
>> /tmp/stat
echo ..... >>
/tmp/stat
echo          "***| [ IP ATTEMPT HACKING [ |**" >> /tmp/stat
echo ..... >>
/tmp/stat
echo IP By METHOD SCAN[ >> /tmp/stat
grep -i "scan" /var/log/apache2/access.log | cut -c -42 >> /tmp/stat
echo _____ >> /tmp/stat
echo IP By METHOD PYTHON[ >> /tmp/stat
grep -i "python" /var/log/apache2/access.log | cut -c -42 >> /tmp/stat
echo _____ >> /tmp/stat
echo IP By METHOD CONNECT[ >> /tmp/stat
grep -i "CONNECT" /var/log/apache2/access.log | sed '/::1/d' | cut -c
-42 | tr -d '-' | tr -d '[' >> /tmp/stat
echo _____ >> /tmp/stat
echo IP By METHOD POST[ >> /tmp/stat
grep -i "POST" /var/log/apache2/access.log | sed '/192.168./d' | cut -c
-42 | tr -d '-' | tr -d '[' >> /tmp/stat
echo .....
>> /tmp/stat
echo          "***| APACHE2 LOG WEB WATCH [ |***" >> /tmp/stat
echo .....
>> /tmp/stat
grep -i "GET" /var/log/apache2/access.log | sed '/192.168./d' | sed
'/MyRaspbianMachine/d' | cut -c -42 | tr -d '-' | tr -d '[' >>
/tmp/stat
echo .....
>> /tmp/stat
echo          "APACHE2 LOG MY WEB SITE WATCH [ " >> /tmp/stat
echo .....
>> /tmp/stat
grep -i "MyRaspbianMachine" /var/log/apache2/access.log | sed
'/192.168./d' | cut -c -45 | tr -d '-' | tr -d '[' >> /tmp/stat
echo _____
>> /tmp/stat
echo >> /tmp/stat
echo >> /tmp/stat
echo >> /tmp/stat
echo
"[YOUR BOT FRIEND ROBOTRASPBERRY]" >> /tmp/stat
echo
"Powered By You For You!" >> /tmp/stat
echo >> /tmp/stat
#envoie du mail avec les statistique

```

```
mail -s "DAYLY REPORT MyRaspbianMachine SYSTEM STATUS"  
xxxxxxx@hotmail.com< /tmp/stat
```



Dans ce Script nous controlons l'état de Fail2Ban. (Ip Bannis par type d'accès)
Mais aussi les accès extérieur qu'il y a eu sur notre serveur Apache2. A vous d'adapter!!



Editer Crontab

Voici le type d'entré à ajouter pour faire executer votre script à 21h30.

```
sudo crontab -e  
30 21 * * * /home/pi/Scripts/MailSystemStatus.sh >/dev/null 2>&1
```

N'oubliez pas de relancer Cron

```
/etc/init.d/cron reload
```



Dans cet exemple le Path est `/home/pi/Scripts/` à vous de le modifier en fonction de l'endroit ou sera enregistré votre script

— *sylvain* 2020/07/08 18:55

From:
<https://wiki.mazinger.fr/wiki/> - **My Personal Wiki**

Permanent link:
<https://wiki.mazinger.fr/wiki/doku.php?id=linux:scripts:dashboardpi>

Last update: **2024/03/03 12:56**

