

HERRAMIENTAS DE ADMINISTRACIÓN DE UN SISTEMA OPERATIVO LINUX

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1. Actualización del gestor de paquetes

```
flitz@aaron-hp-notbok: ~
-c, --output-width <ancho>      ancho de la salida en n mero de caracteres
-o, --output-separator <cadena> separador de columnas para la salida de las tablas (el predeterminado es dos espacios)
-s, --separator <cadena>        delimitadores de tabla que se pueden utilizar
-x, --fillrows                  llenar las filas antes que las columnas

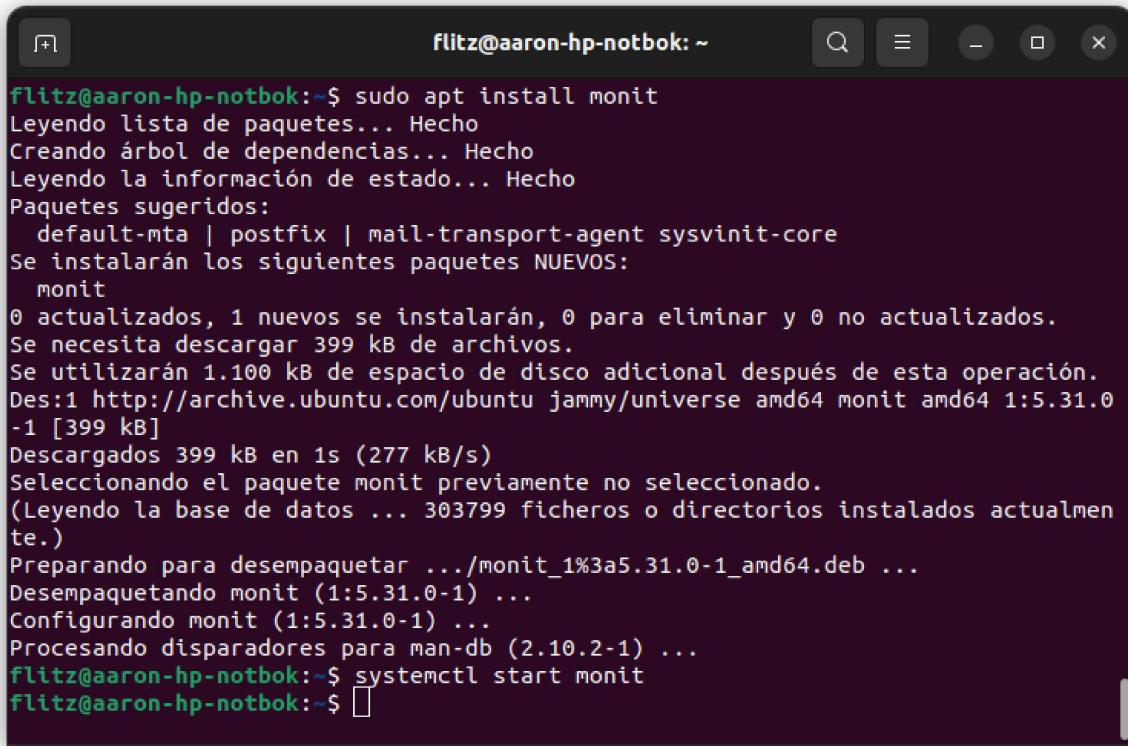
-h, --help                      display this help
-V, --version                   display version

Para m s detalles v ase column(1).
flitz@aaron-hp-notbok: ~$ sudo apt update
[sudo] contrase a para flitz:
Obj:1 http://archive.ubuntu.com/ubuntu jammy InRelease
Des:2 http://archive.ubuntu.com/ubuntu jammy-updates InRelease [128 kB]
Obj:3 http://archive.ubuntu.com/ubuntu jammy-backports InRelease
Des:4 http://archive.ubuntu.com/ubuntu jammy-security InRelease [129 kB]
Des:5 http://archive.ubuntu.com/ubuntu jammy-updates/main i386 Packages [654 kB]
Des:6 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1.789 kB]
Des:7 http://archive.ubuntu.com/ubuntu jammy-updates/universe i386 Packages [713 kB]
Des:8 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1.095 kB]
0% [8 Packages store 0 B] [Conectado a deb.nodesource.com (172.67.10.205)] [Esp]
```

2. Instalaci n de Monit en la computadora.

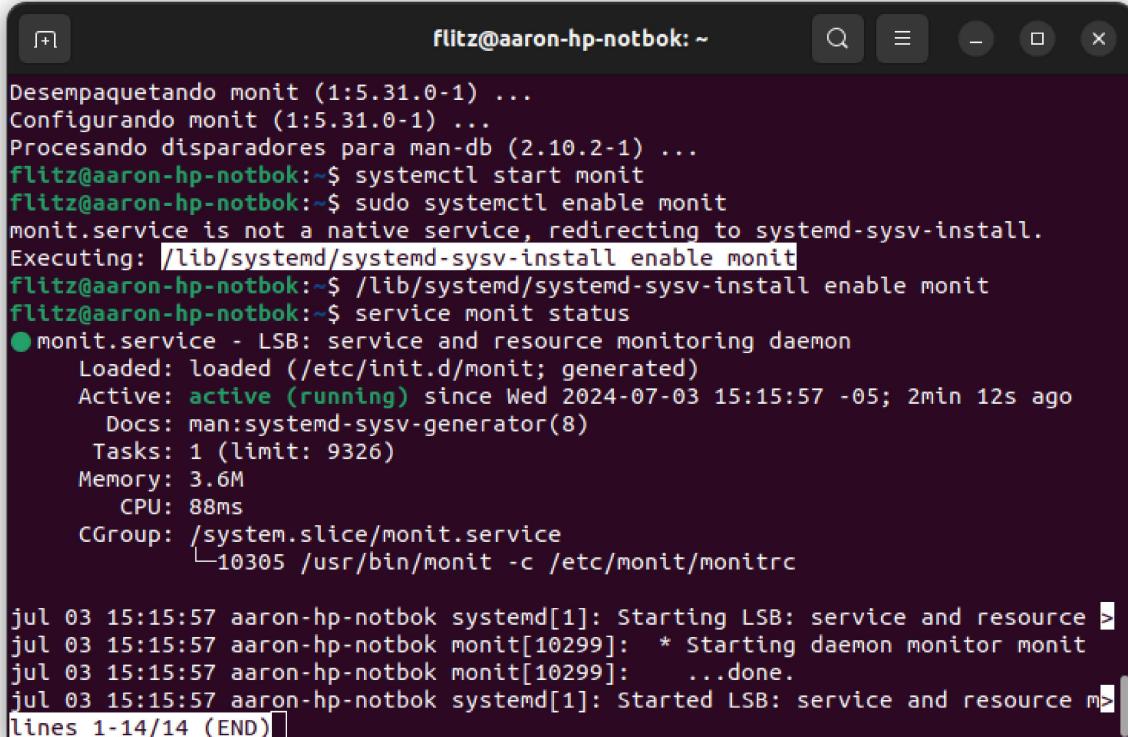
```
flitz@aaron-hp-notbok: ~
Leyendo la informaci n de estado... Hecho
Todos los paquetes est n actualizados.
flitz@aaron-hp-notbok: ~$ sudo apt install monit
Leyendo lista de paquetes... Hecho
Creando  rbol de dependencias... Hecho
Leyendo la informaci n de estado... Hecho
Paquetes sugeridos:
  default-mta | postfix | mail-transport-agent sysvinit-core
Se instalar n los siguientes paquetes NUEVOS:
  monit
0 actualizados, 1 nuevos se instalar n, 0 para eliminar y 0 no actualizados.
Se necesita descargar 399 kB de archivos.
Se utilizar n 1.100 kB de espacio de disco adicional despu s de esta operaci n.
Des:1 http://archive.ubuntu.com/ubuntu jammy/universe amd64 monit amd64 1:5.31.0-1 [399 kB]
Descargados 399 kB en 1s (277 kB/s)
Seleccionando el paquete monit previamente no seleccionado.
(Leyendo la base de datos ... 303799 ficheros o directorios instalados actualmente.)
Preparando para desempaquetar .../monit_1%3a5.31.0-1_amd64.deb ...
Desempaquetando monit (1:5.31.0-1) ...
Configurando monit (1:5.31.0-1) ...
[Progresso: [ 40%] [#####.....]]
```

3. Iniciar el servicio de Monit en la computadora.



```
flitz@aaron-hp-notbok:~$ sudo apt install monit
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias... Hecho
Leyendo la información de estado... Hecho
Paquetes sugeridos:
  default-mta | postfix | mail-transport-agent sysvinit-core
Se instalarán los siguientes paquetes NUEVOS:
  monit
0 actualizados, 1 nuevos se instalarán, 0 para eliminar y 0 no actualizados.
Se necesita descargar 399 kB de archivos.
Se utilizarán 1.100 kB de espacio de disco adicional después de esta operación.
Des:1 http://archive.ubuntu.com/ubuntu jammy/universe amd64 monit amd64 1:5.31.0-1 [399 kB]
Descargados 399 kB en 1s (277 kB/s)
Seleccionando el paquete monit previamente no seleccionado.
(Leyendo la base de datos ... 303799 ficheros o directorios instalados actualmente.)
Preparando para desempaquetar .../monit_1%3a5.31.0-1_amd64.deb ...
Desempaquetando monit (1:5.31.0-1) ...
Configurando monit (1:5.31.0-1) ...
Procesando disparadores para man-db (2.10.2-1) ...
flitz@aaron-hp-notbok:~$ systemctl start monit
flitz@aaron-hp-notbok:~$ 
```

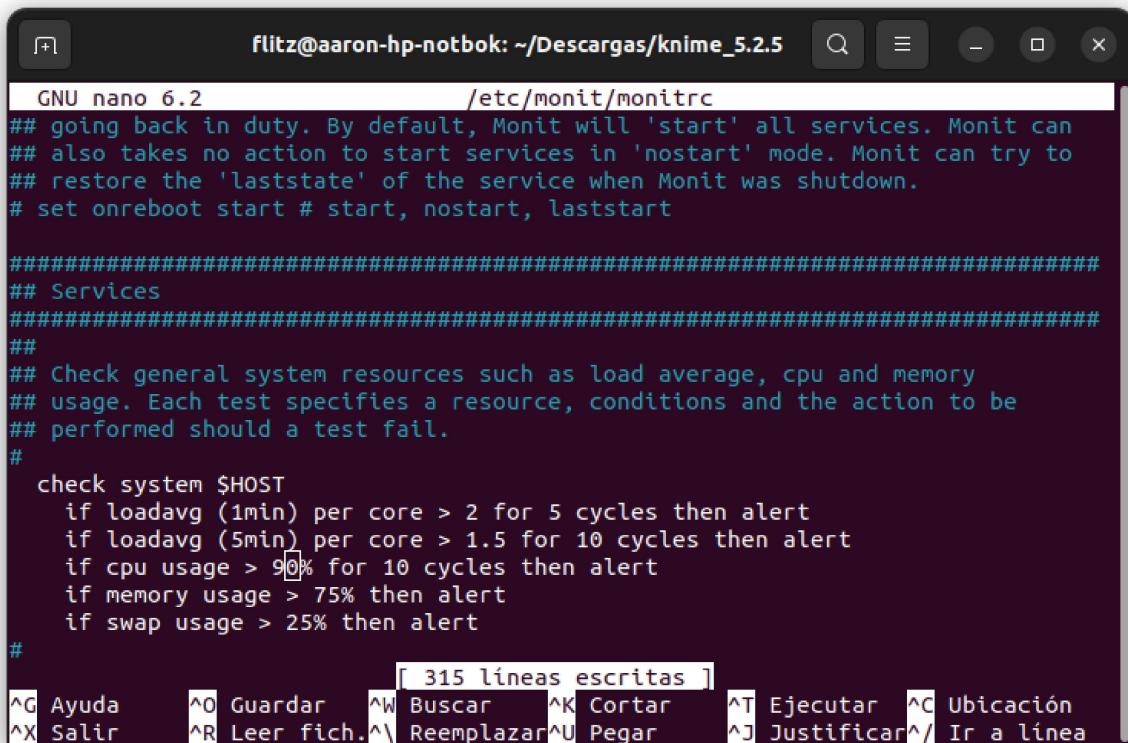
4. Habilitar el servicio en la computadora y vemos si está activo.



```
Desempaquetando monit (1:5.31.0-1) ...
Configurando monit (1:5.31.0-1) ...
Procesando disparadores para man-db (2.10.2-1) ...
flitz@aaron-hp-notbok:~$ systemctl start monit
flitz@aaron-hp-notbok:~$ sudo systemctl enable monit
monit.service is not a native service, redirecting to systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable monit
flitz@aaron-hp-notbok:~$ /lib/systemd/systemd-sysv-install enable monit
flitz@aaron-hp-notbok:~$ service monit status
● monit.service - LSB: service and resource monitoring daemon
  Loaded: loaded (/etc/init.d/monit; generated)
  Active: active (running) since Wed 2024-07-03 15:15:57 -05; 2min 12s ago
    Docs: man:systemd-sysv-generator(8)
    Tasks: 1 (limit: 9326)
   Memory: 3.6M
      CPU: 88ms
     CGroup: /system.slice/monit.service
             └─10305 /usr/bin/monit -c /etc/monit/monitrc

jul 03 15:15:57 aaron-hp-notbok systemd[1]: Starting LSB: service and resource monitor monit
jul 03 15:15:57 aaron-hp-notbok monit[10299]: * Starting daemon monitor monit
jul 03 15:15:57 aaron-hp-notbok monit[10299]: ...done.
jul 03 15:15:57 aaron-hp-notbok systemd[1]: Started LSB: service and resource monitor monit.
lines 1-14/14 (END)
```

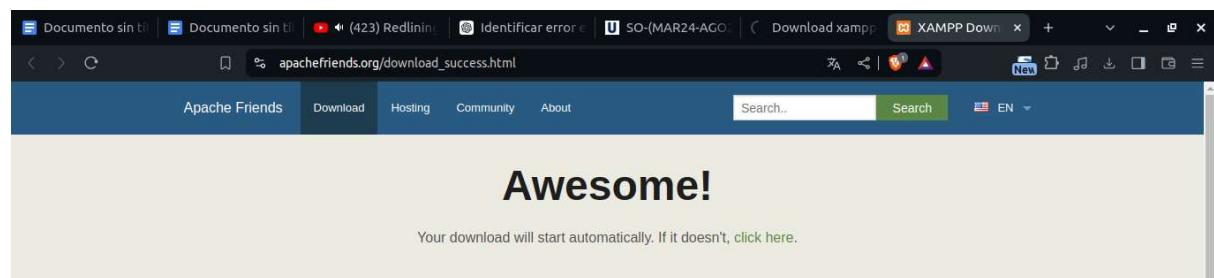
5. Modificar el archivo /etc/monit/monitrc.



```
GNU nano 6.2          /etc/monit/monitrc
## going back in duty. By default, Monit will 'start' all services. Monit can
## also takes no action to start services in 'nostart' mode. Monit can try to
## restore the 'laststate' of the service when Monit was shutdown.
# set onreboot start # start, nostart, laststart

#####
## Services
#####
## Check general system resources such as load average, cpu and memory
## usage. Each test specifies a resource, conditions and the action to be
## performed should a test fail.
#
check system $HOST
  if loadavg (1min) per core > 2 for 5 cycles then alert
  if loadavg (5min) per core > 1.5 for 10 cycles then alert
  if cpu usage > 90% for 10 cycles then alert
  if memory usage > 75% then alert
  if swap usage > 25% then alert
#
[ 315 líneas escritas ]
^G Ayuda      ^O Guardar    ^W Buscar     ^K Cortar     ^T Ejecutar   ^C Ubicación
^X Salir      ^R Leer fich.  ^\ Reemplazar  ^U Pegar      ^J Justificar ^/ Ir a línea
```

Parte 2:



Reading

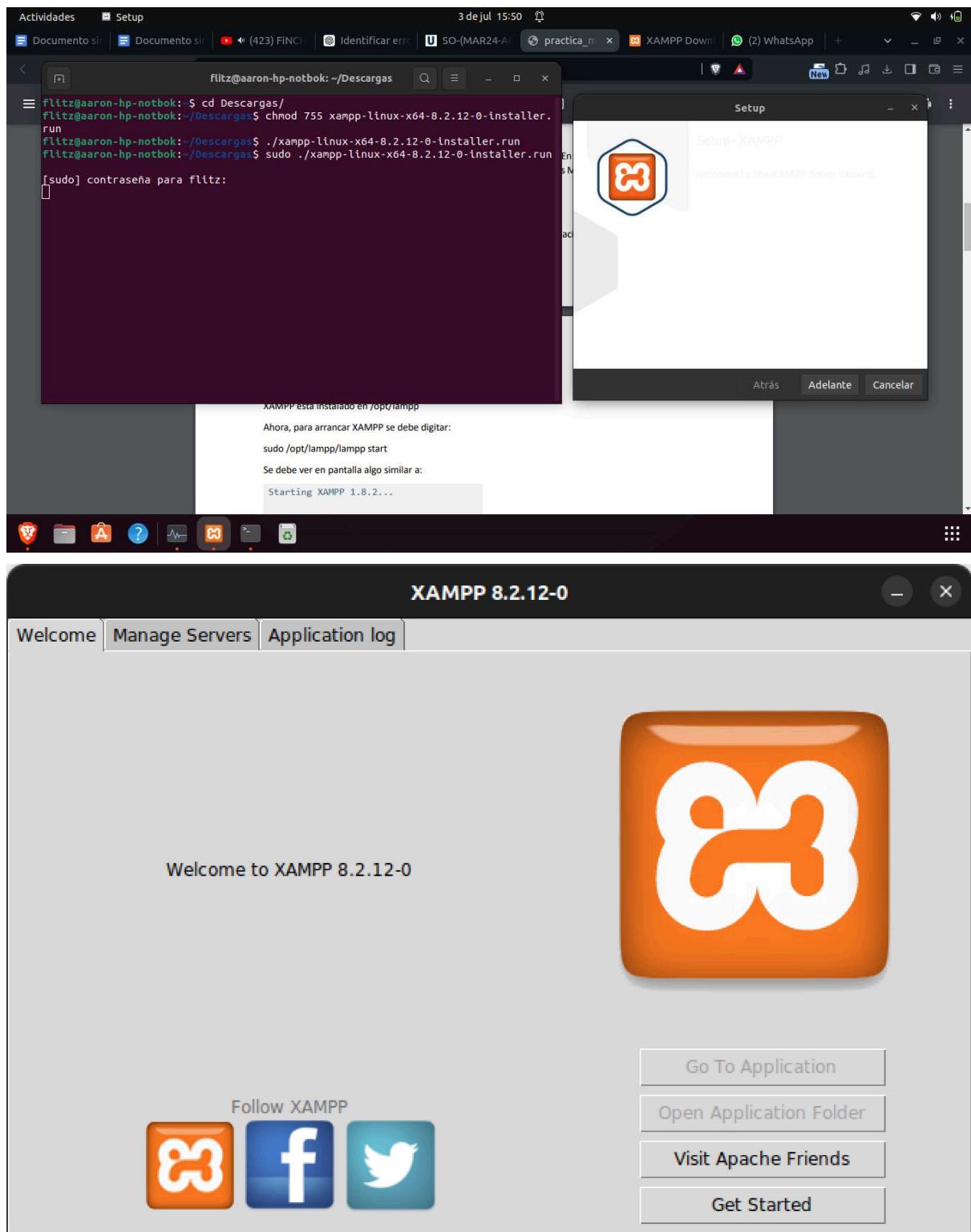
Be sure to read the install instructions and FAQs:

- [Linux FAQs](#)
- [Windows FAQs](#)
- [OS X FAQs](#)

You can find additional help on our forums or [Stack Overflow](#).

Community

XAMPP has been around for more than 10 years... there is a huge community behind



```
flitz@aaron-hp-notbok:~/Descargas$ cd Descargas/
flitz@aaron-hp-notbok:~/Descargas$ chmod 755 xampp-linux-x64-8.2.12-0-installer.run
flitz@aaron-hp-notbok:~/Descargas$ ./xampp-linux-x64-8.2.12-0-installer.run
flitz@aaron-hp-notbok:~/Descargas$ sudo ./xampp-linux-x64-8.2.12-0-installer.run

[sudo] contraseña para flitz:
flitz@aaron-hp-notbok:~/Descargas$ sudo /opt/lampp/lampp start
Starting XAMPP for Linux 8.2.12-0...
XAMPP: Starting Apache...already running.
XAMPP: Starting MySQL.../opt/lampp/share/xampp/xampplib: linea 22: netstat: orden no encontrada
ok.
XAMPP: Starting ProFTPD.../opt/lampp/share/xampp/xampplib: linea 22: netstat: orden no encontrada
ok.
flitz@aaron-hp-notbok:~/Descargas$ sudo /opt/lampp/lampp start
Starting XAMPP for Linux 8.2.12-0...
XAMPP: Starting Apache...already running.
XAMPP: Starting MySQL...already running.
XAMPP: Starting ProFTPD...already running.
flitz@aaron-hp-notbok:~/Descargas$ 
```



Welcome to XAMPP for Linux 8.2.12

You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, PHP and other components. You can find more info in the [FAQs](#) section or check the [HOW-TO Guides](#) for getting started with PHP applications.

XAMPP is meant only for development purposes. It has certain configuration settings that make it easy to develop locally but that are insecure if you want to have your installation accessible to others.

Start the XAMPP Control Panel to check the server status.

Community

XAMPP has been around for more than 10 years – there is a huge community behind it. You can get involved by joining our [Forums](#).

```
flitz@aaron-hp-notbok: ~/Descargas
Leyendo la información de estado... Hecho
E: No se ha podido localizar el paquete mail
flitz@aaron-hp-notbok:~/Descargas$ mail
No se ha encontrado la orden «mail», pero se puede instalar con:
sudo apt install mailutils
flitz@aaron-hp-notbok:~/Descargas$ sudo apt install mailutils
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias... Hecho
Leyendo la información de estado... Hecho
Se instalarán los siguientes paquetes adicionales:
  gsasl-common guile-3.0-libs libgc1 libgsasl7 libmailutils8 libmysqlclient21
    libntlm0 libpq5 mailutils-common mysql-common postfix
Paquetes sugeridos:
  mailutils-mh mailutils-doc procmail postfix-mysql postfix-pgsql postfix-ldap
  postfix-pcre postfix-lmdb postfix-sqlite sasl2-bin | dovecot-common
    resolvconf postfix-cdb postfix-mta-sts-resolver postfix-doc
Se instalarán los siguientes paquetes NUEVOS:
  gsasl-common guile-3.0-libs libgc1 libgsasl7 libmailutils8 libmysqlclient21
    libntlm0 libpq5 mailutils mailutils-common mysql-common postfix
0 actualizados, 12 nuevos se instalarán, 0 para eliminar y 0 no actualizados.
Se necesita descargar 11,6 MB de archivos.
Se utilizarán 70,8 MB de espacio de disco adicional después de esta operación.
¿Desea continuar? [S/n] s
0% [Trabajando]
```

```
flitz@aaron-hp-notbok: ~/Descargas
update-alternatives: utilizando /usr/bin/mail.mailutils para proveer /usr/bin/mailx (mailx) en modo automático
Procesando disparadores para rsyslog (8.2112.0-2ubuntu2.2) ...
Procesando disparadores para ufw (0.36.1-4ubuntu0.1) ...
Procesando disparadores para man-db (2.10.2-1) ...
Procesando disparadores para libc-bin (2.35-0ubuntu3.8) ...
flitz@aaron-hp-notbok:~/Descargas$ pear install Net_SMTP-1.12.1
No se ha encontrado la orden «pear», pero se puede instalar con:
sudo apt install php-pear
flitz@aaron-hp-notbok:~/Descargas$ sudo apt install php-pear
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias... Hecho
Leyendo la información de estado... Hecho
Se instalarán los siguientes paquetes adicionales:
  php-cli php-common php-xml php8.1-cli php8.1-common php8.1-opcache
    php8.1-readline php8.1-xml
Se instalarán los siguientes paquetes NUEVOS:
  php-cli php-common php-pear php-xml php8.1-cli php8.1-common php8.1-opcache
    php8.1-readline php8.1-xml
0 actualizados, 9 nuevos se instalarán, 0 para eliminar y 0 no actualizados.
Se necesita descargar 3.769 kB de archivos.
Se utilizarán 18,5 MB de espacio de disco adicional después de esta operación.
¿Desea continuar? [S/n] s
0% [Trabajando]
```

```
flitz@aaron-hp-notbok: ~/Descargas
Configurando php-pear (1:1.10.12+submodules+notgz+20210212-1ubuntu3) ...
Procesando disparadores para man-db (2.10.2-1) ...
Procesando disparadores para php8.1-cli (8.1.2-1ubuntu2.18) ...
flitz@aaron-hp-notbok:~/Descargas$ pear install Net_SSMTP-1.12.1
WARNING: channel "pear.php.net" has updated its protocols, use "pear channel-update pear.php.net" to update
Cannot install, php_dir for channel "pear.php.net" is not writeable by the current user
flitz@aaron-hp-notbok:~/Descargas$ sudo pear install Net_SSMTP-1.12.1
WARNING: channel "pear.php.net" has updated its protocols, use "pear channel-update pear.php.net" to update
WARNING: "pear/Auth_SASL" is deprecated in favor of "pear/Auth_SASL2"
Did not download optional dependencies: pear/Auth_SASL, use --alldeps to download automatically
pear/Net_SSMTP can optionally use package "pear/Auth_SASL" (version >= 1.0.5)
downloading Net_SSMTP-1.12.1.tgz ...
Starting to download Net_SSMTP-1.12.1.tgz (17,679 bytes)
.....done: 17,679 bytes
downloading Net_Socket-1.2.2.tgz ...
Starting to download Net_Socket-1.2.2.tgz (6,903 bytes)
...done: 6,903 bytes
install ok: channel://pear.php.net/Net_Socket-1.2.2
install ok: channel://pear.php.net/Net_SSMTP-1.12.1
flitz@aaron-hp-notbok:~/Descargas$
```

```
flitz@aaron-hp-notbok: /opt/lampp/htdocs
PHP Fatal error:  Uncaught Error: Class "Mail" not found in /opt/lampp/htdocs/scriptEmail.php:21
Stack trace:
#0 {main}
    thrown in /opt/lampp/htdocs/scriptEmail.php on line 21
flitz@aaron-hp-notbok:/opt/lampp/htdocs$ sudo nano scriptEmail.php
flitz@aaron-hp-notbok:/opt/lampp/htdocs$ sudo php scriptEmail.php
PHP Warning:  require_once(Mail.php): Failed to open stream: No such file or directory in /opt/lampp/htdocs/scriptEmail.php on line 3
PHP Fatal error:  Uncaught Error: Failed opening required 'Mail.php' (include_path='.:/usr/share/php') in /opt/lampp/htdocs/scriptEmail.php:3
Stack trace:
#0 {main}
    thrown in /opt/lampp/htdocs/scriptEmail.php on line 3
flitz@aaron-hp-notbok:/opt/lampp/htdocs$ sudo pear install --alldeps Mail
WARNING: channel "pear.php.net" has updated its protocols, use "pear channel-update pear.php.net" to update
downloading Mail-2.0.0.tgz ...
Starting to download Mail-2.0.0.tgz (23,661 bytes)
.....done: 23,661 bytes
install ok: channel://pear.php.net/Mail-2.0.0
flitz@aaron-hp-notbok:/opt/lampp/htdocs$ sudo php scriptEmail.php
Message successfully sent!
flitz@aaron-hp-notbok:/opt/lampp/htdocs$
```

The screenshot shows a Gmail inbox with one unread email. The email is from 'aaron.ortiz@ucuenca.edu.ec' with the subject 'test'. The message body contains a legal notice in Spanish about the confidentiality of the email and instructions for handling it if received by mistake. The message was sent on Wednesday, July 3 at 4:35 PM.

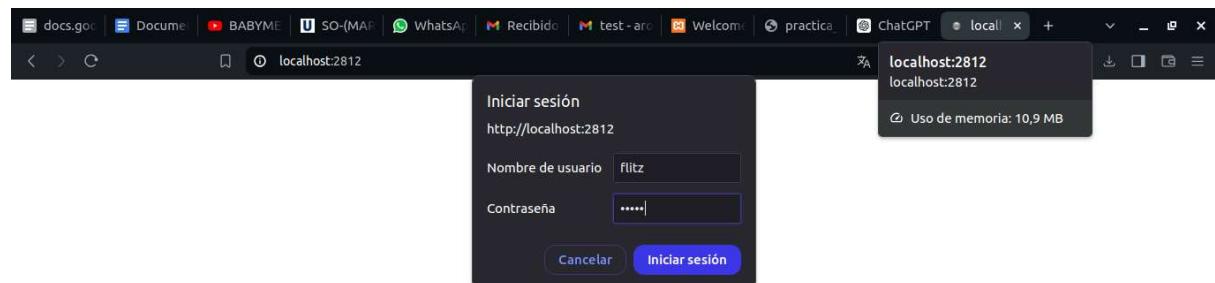
Parte 3:

The terminal window shows the configuration of the Monit daemon's configuration file (`/etc/monit/monitrc`). The configuration includes setting the HTTP port to 2812, specifying allowed hosts (localhost), and defining a user ('flitz:monit') with a password ('monit'). It also includes a section for SSL/TLS settings. The file ends with a note about Monit's behavior when services are restored after a shutdown.

```
GNU nano 6.2 /etc/monit/monitrc
## services monitored and manage services from a web interface. The HTTP
## interface is also required if you want to issue Monit commands from the
## command line, such as 'monit status' or 'monit restart service'. The reason
## for this is that the Monit client uses the HTTP interface to send these
## commands to a running Monit daemon. See the Monit Wiki if you want to
## enable SSL for the HTTP interface.
#
set httpd port 2812 and
  use address localhost # only accept connection from localhost (drop if you use M/Monit)
  allow localhost
  allow ::1           # allow localhost to connect to the server and
  allow flitz:monit    # require user 'admin' with password 'monit'
#  #with ssl {          # enable SSL/TLS and set path to server certificate
#  #    # pemfile: /etc/ssl/certs/monit.pem
#  #}
#
## Monit can perform act differently regarding services previous state when
## going back in duty. By default, Monit will 'start' all services. Monit can
## also takes no action to start services in 'nostart' mode. Monit can try to
## restore the 'laststate' of the service when Monit was shutdown.

^G Ayuda      ^O Guardar     ^W Buscar     ^K Cortar     ^T Ejecutar     ^C Ubicación   M-U Deshacer
^X Salir      ^R Leer fich.  ^\ Reemplazar  ^U Pegar      ^J Justificar  ^/ Ir a línea  M-E Rehacer
```

```
flitz@aaron-hp-notbok: /opt/lampp/htdocs$ sudo systemctl restart monit
flitz@aaron-hp-notbok: /opt/lampp/htdocs$
```



Home > Use M/Monit to manage all your Monit instances Monit 5.31.0

Monit Service Manager

Monit is running on aaron-hp-notbok and monitoring:

System	Status	Load	CPU	Memory	Swap
aaron-hp-notbok	OK	[0.86] [0.63] [0.65]	0.0%us 0.0%sy 0.0%ni 0.0%wa	38.4% [2.9 GB]	0.0% [0 B]

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Parte 3:

```
GNU nano 6.2 /etc/monit/monitrc
## Check custom program status output.
#
# check program myscript with path /usr/local/bin/myscript.sh
#   if status != 0 then alert
#
#
check process apache with pidfile /var/run/apache2.pid
    start program = "/etc/init.d/apache2 start"
    stop program = "/etc/init.d/apache2 start"
#####
## Includes
#####
## It is possible to include additional configuration parts from other files or
## directories.
#
# include /etc/monit.d/*
include /etc/monit/conf.d/*
include /etc/monit/conf-enabled/*
#
^G Ayuda      ^O Guardar      ^W Buscar      ^K Cortar      ^T Ejecutar      ^C Ubicación      M-U Deshacer
^X Salir      ^R Leer fich.  ^\ Reemplazar  ^U Pegar       ^J Justificar  ^/ Ir a línea  M-E Rehacer
```

```

flitz@aaron-hp-notbok: /etc/init.d
whoopsie
x11-common
apparmor    dbus      monit      saned
apport      gdm3     openvpn    speech-dispatcher
avahi-daemon  grub-common  Plymouth   spice-vdagent
bluetooth   hwclock.sh  Plymouth-log sysstat
console-setup.sh  irqbalance  postfix   udev
flitz@aaron-hp-notbok:/etc/init.d$ apache2
apache2: Could not open configuration file /etc/apache2/apache2.conf: No such file or directory
flitz@aaron-hp-notbok:/etc/init.d$ ^C
flitz@aaron-hp-notbok:/etc/init.d$ cat /etc/apache2/apache2.conf
cat: /etc/apache2/apache2.conf: No existe el archivo o el directorio
flitz@aaron-hp-notbok:/etc/init.d$ nano /etc/apache2/apache2.conf
flitz@aaron-hp-notbok:/etc/init.d$ sudo nano /etc/monit/monitrc
flitz@aaron-hp-notbok:/etc/init.d$ sudo apt update
sudo apt install apache2
Obj:1 http://archive.ubuntu.com/ubuntu jammy InRelease
Des:2 http://archive.ubuntu.com/ubuntu jammy-updates InRelease [128 kB]
Obj:3 https://packages.microsoft.com/repos/code stable InRelease
Obj:4 https://deb.nodesource.com/node_16.x nodistro InRelease
Des:5 http://archive.ubuntu.com/ubuntu jammy-backports InRelease [127 kB]
Des:6 http://archive.ubuntu.com/ubuntu jammy-security InRelease [129 kB]
Des:7 http://archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [388 B]
Des:8 http://archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [672 B]
Descargados 385 kB en 2s (207 kB/s)

```

Home > Use M/Monit to manage all your Monit instances Monit 5.31.0

Monit Service Manager

Monit is running on aaron-hp-notbok and monitoring:

System	Status	Load	CPU	Memory	Swap
aaron-hp-notbok	OK	[0.73] [0.61] [0.60]	0.0%us 0.0%sy 0.0%ni 0.0%wa	39.6% [3.0 GB]	0.0% [0 B]

Process	Status	Uptime	CPU Total	Memory Total	Read	Write
apache	Initializing	-	-	-	-	-

```
flitz@aaron-hp-notbok: /etc/ssh
# GNU nano 6.2
# /etc/monit/monitrc

## check process apache with pidfile /var/run/apache2.pid
## start program = "/etc/init.d/apache2 start"
## stop program = "/etc/init.d/apache2 start"

## check file fstab_config with path /etc/fstab
## if changed checksum then alert

#####
## Includes
#####
## It is possible to include additional configuration parts from other files or
## directories.
#
# include /etc/monit.d/*
include /etc/monit/conf.d/*
include /etc/monit/conf-enabled/*
#



^G Ayuda      ^O Guardar      ^W Buscar      ^K Cortar      ^T Ejecutar      ^C Ubicación      M-U Deshacer
^X Salir      ^R Leer fich.  ^A Reemplazar  ^U Pegar       ^J Justificar   ^/ Ir a línea  M-E Rehacer
```

```
flitz@aaron-hp-notbok: /etc/ssh
# Ciphers aes128-ctr,aes192-ctr,aes256-ctr,aes128-cbc,3des-cbc
# MACs hmac-md5,hmac-sha1,umac-64@openssh.com
# EscapeChar ~
# Tunnel no
# TunnelDevice any:any
# PermitLocalCommand no
# VisualHostKey no
# ProxyCommand ssh -q -W %h:%p gateway.example.com
# RekeyLimit 1G 1h
# UserKnownHostsFile ~/.ssh/known_hosts.d/%k
SendEnv LANG LC_*
HashKnownHosts yes
GSSAPIAuthentication yes
flitz@aaron-hp-notbok:/etc/ssh$ sudo nano /etc/monit/monitrc
flitz@aaron-hp-notbok:/etc/ssh$ sudo monit -t
checksum: file /etc/ssh/sshd_config is not regular file
/etc/monit/monitrc:311: Cannot compute a checksum for file /etc/ssh/sshd_config '/etc/ssh/sshd_config'
Control file syntax OK
flitz@aaron-hp-notbok:/etc/ssh$ ^C
flitz@aaron-hp-notbok:/etc/ssh$ sudo nano /etc/monit/monitrc
flitz@aaron-hp-notbok:/etc/ssh$ sudo monit -t
Control file syntax OK
flitz@aaron-hp-notbok:/etc/ssh$ sudo systemctl restart monit
flitz@aaron-hp-notbok:/etc/ssh$ 
```

docs.go | Documento | BABYMI | SO-(M) | WhatsApp | Recibido | test - a | Welcome | practice | Change | Monit | where | + | New | Open | Save | Print | Help | Monit 5.31.0

localhost:2812

Home > Use M/Monit to manage all your Monit instances

Monit Service Manager

Monit is running on localhost and monitoring:

System	Status	Load	CPU	Memory	Swap
localhost	Initializing	[0.56] [0.65] [0.71]	0.0%us 0.0%sy 0.0%ni 0.0%wa	41.7% [3.2 GB]	0.0% [0 B]

Process	Status	Uptime	CPU Total	Memory Total	Read	Write
apache	Initializing	-	-	-	-	-

File	Status	Size	Permission	UID	GID
fstab_config	Initializing	-	-	-	-

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flitz@aaron-hp-notbok: /etc/ssh

```
GNU nano 6.2                               /etc/monit/monitrc *

#
check process apache with pidfile /var/run/apache2.pid
    start program = "/etc/init.d/apache2 start"
    stop program = "/etc/init.d/apache2 start"

check file fstab_config with path /etc/fstab
    if changed checksum then alert

check system localhost
    if loadavg (5min) > 3 then alert
    if memory usage > 80% for 4 cycles then alert
[]

#####
## Includes
#####
##
## It is possible to include additional configuration parts from other files or
## directories.
#
^G Ayuda      ^O Guardar      ^W Buscar      ^K Cortar      ^T Ejecutar      ^C Ubicación      M-U Deshacer
^X Salir      ^R Leer fich.  ^\ Reemplazar  ^U Pegar       ^J Justificar   ^/ Ir a línea  M-E Rehacer
```

```
flitz@aaron-hp-notbok: /etc/ssh
# TunnelDevice any:any
# PermitLocalCommand no
# VisualHostKey no
# ProxyCommand ssh -q -W %h:%p gateway.example.com
# RekeyLimit 1G 1h
# UserKnownHostsFile ~/.ssh/known_hosts.d/%k
SendEnv LANG LC_*
HashKnownHosts yes
GSSAPIAuthentication yes
flitz@aaron-hp-notbok:/etc/ssh$ sudo nano /etc/monit/monitrc
flitz@aaron-hp-notbok:/etc/ssh$ sudo monit -t
checksum: file /etc/ssh/sshd_config is not regular file
/etc/monit/monitrc:311: Cannot compute a checksum for file /etc/ssh/sshd_config '/etc/ssh/sshd_config'
Control file syntax OK
flitz@aaron-hp-notbok:/etc/ssh$ ^C
flitz@aaron-hp-notbok:/etc/ssh$ sudo nano /etc/monit/monitrc
flitz@aaron-hp-notbok:/etc/ssh$ sudo monit -t
Control file syntax OK
flitz@aaron-hp-notbok:/etc/ssh$ sudo systemctl restart monit
flitz@aaron-hp-notbok:/etc/ssh$ sudo nano /etc/monit/monitrc
flitz@aaron-hp-notbok:/etc/ssh$ sudo monit -t
Control file syntax OK
flitz@aaron-hp-notbok:/etc/ssh$ sudo systemctl restart monit
flitz@aaron-hp-notbok:/etc/ssh$ 
```

```
flitz@aaron-hp-notbok: /etc/ssh
GNU nano 6.2                               /etc/monit/monitrc
stop program = "/etc/init.d/apache2 start"

check file fstab_config with path /etc/fstab
    if changed checksum then alert

check system localhost
    if loadavg (5min) > 3 then alert
    if memory usage > 80% for 4 cycles then alert

check network eth0 with interface eth0
    if link down then alert

#####
## Includes
#####
##
## It is possible to include additional configuration parts from other files or
## directories.
#
^G Ayuda      ^O Guardar      ^W Buscar      ^K Cortar      ^T Ejecutar      ^C Ubicación      M-U Deshacer
^X Salir      ^R Leer fich.  ^\ Reemplazar  ^U Pegar       ^J Justificar   ^/ Ir a línea  M-E Rehacer
```

```
GSSAPIAuthentication yes
flitz@aaron-hp-notbok:/etc/ssh$ sudo nano /etc/monit/monitrc
flitz@aaron-hp-notbok:/etc/ssh$ sudo monit -t
checksum: file /etc/ssh/sshd_config is not regular file
/etc/monit/monitrc:311: Cannot compute a checksum for file /etc/ssh/sshd_config '/etc/ssh/sshd_config'
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flitz@aaron-hp-notbok:/etc/ssh$ sudo monit -t
Control file syntax OK
flitz@aaron-hp-notbok:/etc/ssh$ sudo systemctl restart monit
flitz@aaron-hp-notbok:/etc/ssh$ sudo nano /etc/monit/monitrc
flitz@aaron-hp-notbok:/etc/ssh$ sudo monit -t
Control file syntax OK
flitz@aaron-hp-notbok:/etc/ssh$ sudo systemctl restart monit
flitz@aaron-hp-notbok:/etc/ssh$ sudo nano /etc/monit/monitrc
flitz@aaron-hp-notbok:/etc/ssh$ sudo monit -t
Control file syntax OK
flitz@aaron-hp-notbok:/etc/ssh$ sudo nano /etc/monit/monitrc
flitz@aaron-hp-notbok:/etc/ssh$ sudo monit -t
Control file syntax OK
flitz@aaron-hp-notbok:/etc/ssh$ sudo systemctl restart monit
flitz@aaron-hp-notbok:/etc/ssh$
```

Monit Service Manager

Monit is running on localhost and monitoring:

System	Status	Load	CPU	Memory	Swap
localhost	OK	[0.44] [0.61] [0.69]	0.0%us 0.0%sy 0.0%ni 0.0%wa	40.7% [3.1 GB]	0.0% [0 B]

Process	Status	Uptime	CPU Total	Memory Total	Read	Write
apache	Execution failed Does not exist	-	-	-	-	-

File	Status	Size	Permission	UID	GID
fstab_config	OK	808 B	0664	0	0

Net	Status	Upload	Download
eth0	Link down	-	-

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