

Gestión de Usuarios y Grupos con WEBMIN 1.760

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Introducción.

Webmin es una herramienta de configuración para Unix/Linux accesible a partir de un navegador web como Firefox.

Se compone de un servidor web con módulos que actúan directamente sobre los archivos de configuración.

Entre sus módulos cuenta con uno para la gestión de Usuarios y Grupos, el cual representa una forma amigable para la administración de los mismos.

Descarga e instalación.

Como primer paso debemos descargarlo e instalarlo. Esto podemos realizarlo desde la consola, o bien descargando el instalador desde la página <http://www.webmin.com/download.html>

Para realizar la instalación desde la consola, debemos modificar el archivo donde tenemos la lista de repositorios desde donde podemos descargar software. Este archivo, por lo general, es:

```
/etc/apt/sources.list
```

A este archivo le agregamos las siguientes líneas:

```
* deb http://download.webmin.com/download/repository sarge contrib
* deb http://webmin.mirror.somersettechsolutions.co.uk/repository
sarge contrib
```

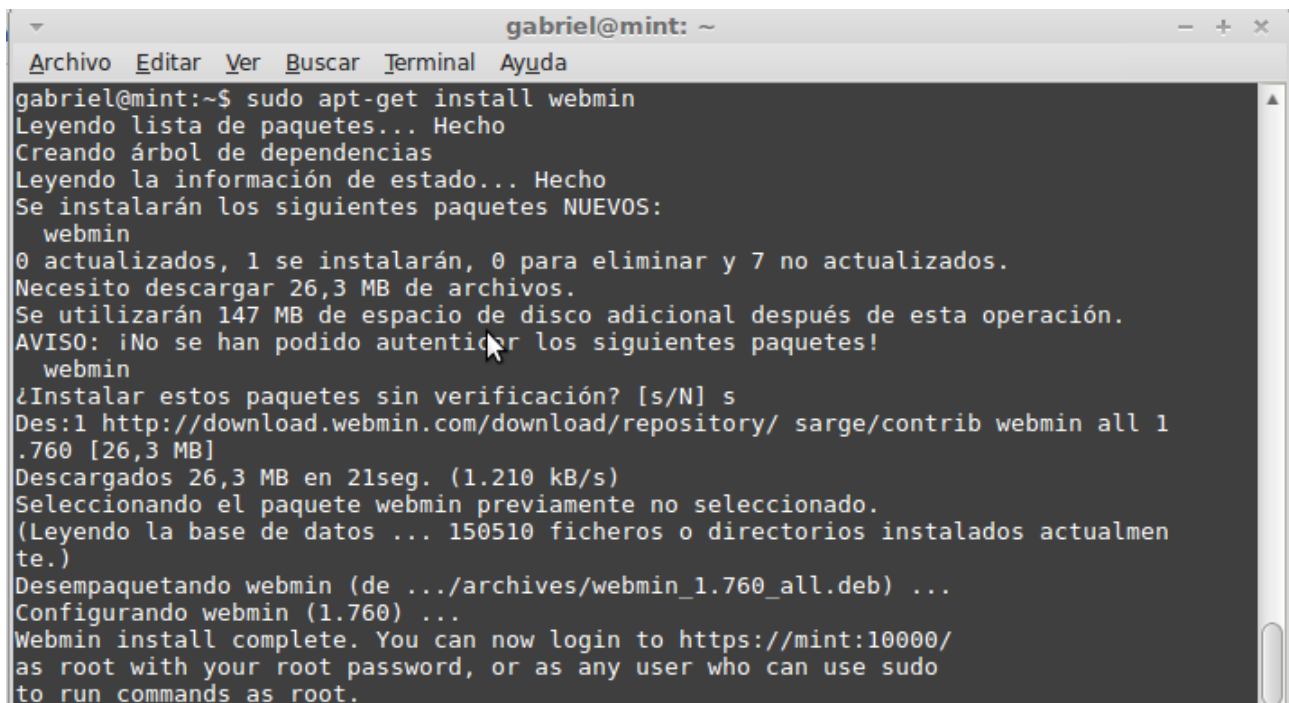
Luego procedemos a realizar un update:

```
apt-get update
```

Por último ejecutamos el comando para instalar Webmin:

```
apt-get install webmin
```

En la imagen siguiente se observa que la instalación se realizó correctamente.



```
gabriel@mint: ~
Archivo Editar Ver Buscar Terminal Ayuda
gabriel@mint:~$ sudo apt-get install webmin
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias
Leyendo la información de estado... Hecho
Se instalarán los siguientes paquetes NUEVOS:
 webmin
0 actualizados, 1 se instalarán, 0 para eliminar y 7 no actualizados.
Necesito descargar 26,3 MB de archivos.
Se utilizarán 147 MB de espacio de disco adicional después de esta operación.
AVISO: ¡No se han podido autenticar los siguientes paquetes!
 webmin
¿Instalar estos paquetes sin verificación? [s/N] s
Des:1 http://download.webmin.com/download/repository/ sarge/contrib webmin all 1
.760 [26,3 MB]
Descargados 26,3 MB en 21seg. (1.210 kB/s)
Seleccionando el paquete webmin previamente no seleccionado.
(Leyendo la base de datos ... 150510 ficheros o directorios instalados actualmen
te.)
Desempaquetando webmin (de ../archives/webmin_1.760_all.deb) ...
Configurando webmin (1.760) ...
Webmin install complete. You can now login to https://mint:10000/
as root with your root password, or as any user who can use sudo
to run commands as root.
```

Ejecutando Webmin 1.760 por primera vez.

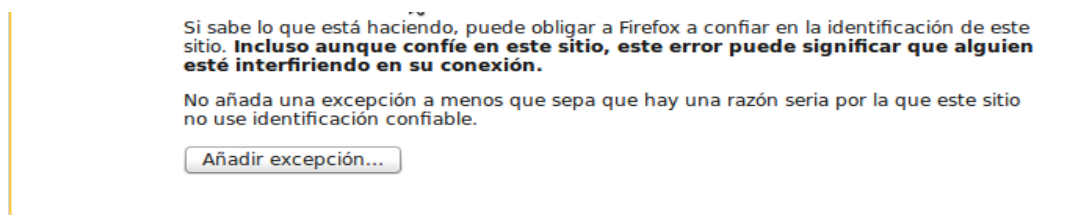
Una vez instalado, podemos acceder a Webmin mediante un navegador web escribiendo en la barra

de direcciones: <https://mint:10000/>

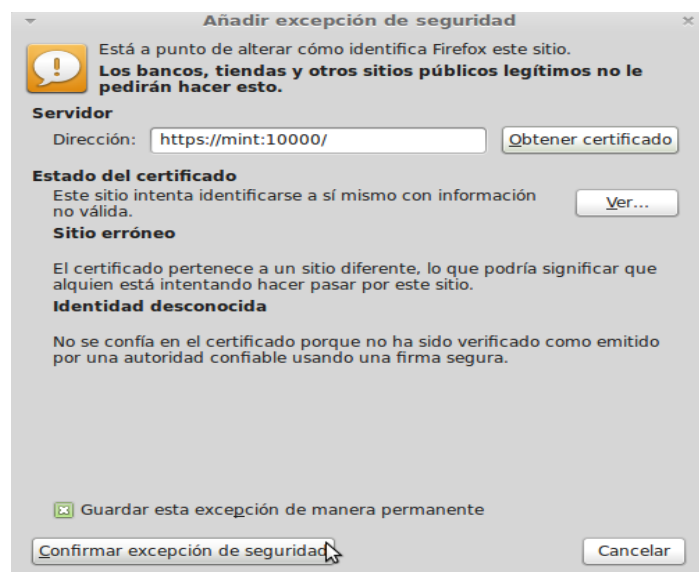
Si nos aparece el siguiente aviso, presionamos sobre “Entiendo los riesgos”



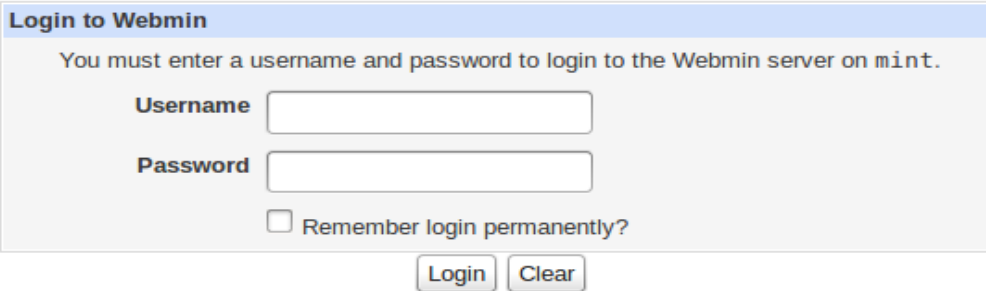
Nos mostrará lo siguiente:



Presionamos en “Añadir excepción” y por último confirmamos la excepción en forma permanente.



Una vez realizados estos pasos, podremos ver el Login.



Login to Webmin

You must enter a username and password to login to the Webmin server on `mint`.

Username

Password

Remember login permanently?

Como indicaba al finalizar la instalación, podremos loguearnos como ROOT o como algún usuario que pueda usar SUDO para ejecutar comandos como ROOT.

Configuración del idioma.

Una vez logueados, accedemos a la página principal. Lo primero a realizar es seleccionar el idioma con el que queremos trabajar. Para esto accedemos en el menú ubicado a la izquierda:

[Webmin → Change Language and Theme](#)

En la opción Webmin UI Language tildamos en “Personal choice” el idioma (Spanish en nuestro caso). Presionamos Make Changes y Webmin procede a reiniciarse para que tenga efecto el cambio de idioma.

Gestionando Grupos y Usuarios.

Para gestionar los usuarios y grupos de nuestro Sistema Operativo accedemos a:

Sistema → Usuarios y Grupos.

En la parte superior podemos observar algunas opciones útiles:

Ayuda.
Configuración de
Módulo

Usuarios y Grupos

Buscar Documentos..

Database type: Regular /etc/passwd & /etc/shadow

Ayuda → Nos da una introducción a lo que es un usuario y los distintos tipos existentes. También describe lo que es un grupo y lo que hace el sistema cada vez que se loguea un usuario.

Buscar Documentos → presenta un listado con manuales de comandos y archivos. En la opción “Índice de módulo” podemos buscar el manual filtrando por nombre o lugar donde buscar. Esta opción cumple la misma función que el comando MAN.

Configuración de Módulo → Permite configurar opciones de directorio inicial para los usuarios, algunas opciones para cuando se crean nuevos usuarios, valores por defecto para nuevos usuarios, opciones a mostrar acerca de la información del usuario, restricciones de contraseña y configuración del sistema.

En la parte inferior de la pantalla tenemos el siguiente menú:

Mostrar logins por All users Only user ...

Usuarios Actualmente Logados en la Máquina

La primera opción nos permite ver un registro de logins recientes de todos los usuarios o de un usuario en particular.

Nombre de Usuario	Login Desde	TTY	Login a las	Logout a las	Dentro Durante
gabriel	:20	pts/0	03/Ago/2015 03:14	Todavía está dentro	
gabriel	:20	pts/0	03/Ago/2015 03:01	03:10	00:09
gabriel	:20	tty10	03/Ago/2015 02:24	Todavía está dentro	
german	:0	tty9	03/Ago/2015 02:21	Todavía está dentro	
german	:0	tty8	03/Ago/2015 02:18	02:20	00:02
german	:0	tty9	03/Ago/2015 02:15	02:15	00:00
gabriel	:0	pts/0	03/Ago/2015 02:02	02:03	00:01
gabriel	:0	pts/1	03/Ago/2015 01:41	01:56	00:14

La segunda opción permite ver los usuarios que se encuentran logueados actualmente.

Usuario de Unix	TTY	Entró a las	Entró desde
german	tty9	03/Ago/2015 02:21	:0
gabriel	tty10	03/Ago/2015 02:24	:20
gabriel	pts/0	03/Ago/2015 03:14	:20

Esta opción es similar a la función que cumple el comando WHO.

En la parte central de la pantalla podemos observar el listado de los usuarios locales existentes en el sistema y ordenarlos de acuerdo a nuestro criterio, haciendo clic sobre el encabezado de la columna. Este listado representa el contenido del archivo `/etc/passwd`. Presenta la misma información que si ejecutamos el comando:

```
cat /etc/passwd
```

También tenemos el listado de los grupos existentes. Este listado brinda la misma información que si ejecutamos el comando:

```
cat /etc/group
```

ABM de Usuarios.

Creando Usuarios.

Para crear un usuario nuevo presionamos sobre “Crear un nuevo usuario” y completamos todos los campos solicitados.

Detalles de Usuario

Nombre de Usuario

ID de Usuario Automático Calculado

Nombre Real

Oficina

Teléfono del trabajo

Teléfono de Casa

Opciones extra

Directorio inicial Automático Directory

Shell

Contraseña No se pide contraseña No está permitido el login Contraseña normal Clave de acceso pre-encryptada

Login temporalmente deshabilitado

Detalles del Usuario: podemos completar los datos del usuario, decidir su directorio inicial (/home del usuario), el programa a ejecutar cuando inicia sesión el usuario (/bin/bash en este ejemplo) y la contraseña.

Opciones de Contraseña

Contraseña cambiada Fecha de Expiración

Días mínimos Días máximos

Días de Aviso Días inactivos

¿Forzar cambio en el siguiente login? Si No

Afiliación del Grupo

Grupo primario Nuevo grupo con el mismo nombre que el usuario Nuevo grupo Grupo existente

Grupos secundarios

Al Crear...

¿Crear directorio inicial? Si No

¿Copiar archivos a directorio inicial? Si No

¿Crear usuario en otros módulos? Si No

Crear

[Regresar a lista de usuarios y grupos](#)

Opciones de Contraseña: En esta sección podemos poner fecha de expiración a la contraseña, forzar al usuario a cambiarla en su próximo login, entre otras opciones.

Afiliación del grupo: Podemos agregar el usuario a grupos existentes o crear uno nuevo.

Al crear: Esta sección nos permite elegir si queremos que al crear el usuario, se cree directorio inicial, se copien ciertos archivos de configuración al directorio inicial y si queremos que se cree el usuario en otros módulos de Webmin.

Modificando Usuarios.

En el listado de los usuarios, presionando sobre uno de ellos podemos editar su información. Nos conduce a un formulario igual al de creación de un usuario, pero con los campos completos con los datos del usuario seleccionado.

Agrega un botón para ver sus últimos logins en el sistema.

[Índice de Módulo](#)
[Ayuda..](#)

Registro de Logins

Registro de Logins de gabriel

Login Desde	TTY	Login a las	Logout a las	Dentro Durante
:0	pts/0	04/Ago/2015 16:30	Todavía está dentro	
:0	tty8	04/Ago/2015 15:50	Todavía está dentro	
:0	tty8	04/Ago/2015 13:35	14:27	00:51
:20	pts/0	03/Ago/2015 03:14	05:08	01:53
:20	pts/0	03/Ago/2015 03:01	03:10	00:09
:20	tty10	03/Ago/2015 02:24	05:09	02:44
:0	pts/0	03/Ago/2015 02:02	02:03	00:01
:0	pts/1	03/Ago/2015 01:41	01:56	00:14
:0	tty9	03/Ago/2015 01:34	02:14	00:39
:0	pts/0	03/Ago/2015 01:33	01:33	00:00
:0	tty9	03/Ago/2015 01:29	01:34	00:04

[Regresar a lista de usuarios y grupos](#)

Borrando Usuarios.

Para eliminar un usuario, lo seleccionamos tildando en su checkbox y presionamos “Borrar Usuarios Seleccionados”, También es posible seleccionar varios usuarios para que en caso de tener que borrar mas de un usuario, podamos hacerlo en una sola vez.

De esta forma también se procede para habilitar o deshabilitar usuarios.

Realizar ABM de Usuarios desde archivos por lotes.

Batch user creation, update and deletion options

Fuente de datos de lotes Archivo cargado No se ha seleccionado ningún archivo.

Archivo en servidor

Texto en la caja inferior

¿Crear, modificar o borrar usuarios en otros módulos? Si No

¿Sólo actualizar archivo de usuarios cuando el archivo por lotes se haya completado? Si No

¿Crear directorios iniciales para usuarios creados? Si No

¿Copiar archivos a directorios iniciales de usuarios creados? Si No

¿Renombrar directorios iniciales de usuarios modificados? Si No

¿Cambiar UID en archivos de usuarios modificados? No Directorio inicial Todos los archivos

¿Cambiar GID en archivos de usuarios modificados? No Directorio inicial Todos los archivos

¿Borrar directorios iniciales de usuarios borrados? Si No

¿Las contraseñas ya están encriptadas? Si No

Este formulario permite crear, modificar o eliminar usuarios desde un archivo de texto cargado o local, o siguiendo las instrucciones que pongamos en la “caja inferior”.
Cada línea del archivo representa una acción a realizar y el formato de escritura es:

**crear:username:passwd:uid:gid:realname:homedir:shell:min:max:warn:
inactive:expire**

**modificar:oldusername:username:passwd:uid:gid:realname:homedir:she
ll:min:max:warn:inactive:expire**

borrar:username

Exportar Usuarios a archivo por lotes.

Batch user export options

Destino de archivo por lotes Mostrar en navegador
 Escribir en archivo ...

Formato de archivo por lotes Archivos passwd y shadow estándar

Usuarios a exportar Usuarios a exportar
 Sólo usuarios ...
 Todos excepto los usuarios ...
 Usuarios con UIDs en el rango -
 Usuarios con grupos ...
 Users with GIDs in range -

¿Incluir grupos secundarios?

Exportar Ahora

Este formulario permite crear un archivo por lotes que contenga algunos o todos los usuarios existentes en el sistema. Permite seleccionar el destino, el formato del archivo a generar y que usuarios exportar.

ABM de Grupos.

Creando Grupos.

Para crear un grupo nuevo hacemos clic en “Crear un nuevo grupo” y nos llevará al siguiente formulario.

Indice de Módulo
Ayuda...

Crear Grupo

Detalles de Grupo

Nombre de Grupo

ID de Grupo Automático Calculado

Contraseña No se pide contraseña
 Clave de acceso pre-encryptada
 Contraseña normal

Miembros

All users
root
daemon
bin
sys
sync
games
man
lp
mail
news

Users in group

Al Crear...

¿Crear grupo en otros módulos? Si No

Crear

[Regresar a lista de usuarios y grupos](#)

Desde aquí mismo podemos agregar al nuevo grupo los usuarios que creamos conveniente.

Modificando Grupos.

Para modificar un grupo, presionamos sobre el grupo a modificar y se nos presentará el mismo formulario que para dar de alta un nuevo grupo, pero con los campos completos con los datos del grupo seleccionado.

Borrando Grupos.

Para eliminar un grupo, lo seleccionamos tildando en su checkbox y presionamos “Borrar Grupos Seleccionados”, También es posible seleccionar varios grupos para que en caso de tener que borrar mas de uno, podamos hacerlo en una sola vez.

Conclusión:

Webmin es una herramienta muy útil para gestionar diferentes aspectos de nuestro sistema.

Dentro de sus prestaciones encontramos la gestión de grupos y usuarios. Esta tiene una interfaz intuitiva y fácil de manejar para cualquier persona que tenga conocimientos básicos de usuarios y grupos.

Si bien esta herramienta no posee la misma potencia que la consola, la podemos definir como un subconjunto de los comandos que más se utilizan en la gestión de usuarios y grupos.

Por último, podemos destacar que es fácil de instalar y, ejecutable en cualquier navegador web.

Enlaces consultados:

<http://www.gnu.org/licenses/fdl-1.3.en.html>

<http://www.webmin.com/download.html>

<http://www.webmin.com/deb.html>

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