

SOPHOS

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Sophos Anti-Virus para Linux Free Edition Guía de inicio

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1 Acerca de esta guía

En esta guía se explica cómo instalar Free Edition de Sophos Anti-Virus en un ordenador Linux.

Para más información sobre las opciones de configuración, consulte la página man o la [Guía de configuración de Sophos Anti-Virus para Linux](#).

La documentación de Sophos está disponible en www.sophos.com/es-es/support/documentation.

2 ¿Qué incluye Free Edition?

Free Edition de Sophos Anti-Virus para Linux ofrece la misma protección que el producto con soporte. También incluye actualizaciones gratuitas.

No obstante, Free Edition:

- No incluye soporte técnico de Sophos.
- No se puede administrar de forma centralizada.

Puede actualizarlo al producto con soporte en cualquier momento. Esta guía incluye instrucciones para la actualización.

Nota: puede administrar el producto con soporte con Sophos Enterprise Console. Actualmente no se puede administrar con Sophos Cloud, pero será posible próximamente.

3 Requisitos del sistema

Consulte la página de requisitos del sistema en el sitio web de Sophos (<http://www.sophos.com/es-es/products/all-system-requirements.aspx>).

Para obtener más información sobre cualquier requisito adicional, como los idiomas compatibles, consulte la sección "Información adicional" de las notas de la edición.

4 Instalar Sophos Anti-Virus

Debe haber iniciado sesión en el ordenador con derechos de root. Si ya ha descargado el instalador, puede ir directamente al paso 2.

1. Si aún no ha descargado el instalador, haga lo siguiente:
 - a) Vaya a <http://www.sophos.com/es-es/products/free-tools.aspx>
 - b) Busque Sophos Anti-Virus para Linux Free Edition y haga clic en **Download (Descargar)**. Siga las instrucciones para descargar el archivo tar a un directorio temporal, como /tmp.
2. Descomprima el archivo tar:
`tar -xzf archivo tar`
3. Ejecute el archivo de instalación:
`./sophos-av/install.sh`
4. El programa de instalación le guiará a través de la instalación:
 - Cuando se le pregunte qué tipo de actualización automática desea, seleccione **Sophos**.
 - Cuando se le pregunte qué versión desea, seleccione **Free (Gratuita)**.

Sophos Anti-Virus se instala en el directorio especificado.

Ya ha instalado Sophos Anti-Virus. Sophos Anti-Virus se actualiza de forma automática desde Sophos. Por defecto, la actualización se realizará cada hora siempre y cuando el ordenador esté conectado a Internet.

De forma predeterminada, Sophos Live Protection está activado. Así se compara cualquier archivo sospechoso con la información más reciente de la base de datos de SophosLabs para determinar si es malicioso. Si desea desactivar Live Protection, consulte la [Guía de configuración de Sophos Anti-Virus para Linux](#).

Sophos Anti-Virus también envía información sobre el producto y la plataforma a Sophos a fin de ayudarnos en el desarrollo de productos. Consulte el [artículo de la base de conocimiento de Sophos 121214](#).

5 Comprobar el escaneado en acceso

El escaneado en acceso es la principal forma de protección contra virus. Siempre que abre, guarda o copia un archivo, Sophos Anti-Virus lo escanea y permite el acceso al mismo solo si es seguro.

Por defecto, el escaneado en acceso se encuentra activado. Si es necesario, puede comprobar que se encuentra activo o iniciarlo.

Nota: para utilizar los comandos en esta sección debe disponer de derechos de root.

En este documento se asume que ha instalado Sophos Anti-Virus en la ubicación predeterminada, `/opt/sophos-av`. De lo contrario, utilice el directorio de instalación correspondiente.

5.1 Comprobar que el escaneado en acceso se encuentra activo

- Para comprobar si el escaneado en acceso se encuentra activo, escriba:
`/opt/sophos-av/bin/savdstatus`

5.2 Iniciar el escaneado en acceso

Para iniciar el escaneado en acceso:

- Escriba:
`/opt/sophos-av/bin/savdctl enable`
- Utilice la herramienta apropiada para iniciar el servicio sav-protect. Por ejemplo, escriba:
`/etc/init.d/sav-protect start`
o
`service sav-protect start`

6 Escanear el ordenador ahora

Recomendamos que escanee todo el ordenador en busca de virus justo después de instalar Sophos Anti-Virus. Para hacerlo, utilice un escaneado en demanda.

Nota: esto es especialmente importante si el ordenador es un servidor y desea minimizar el riesgo de propagar virus a otros equipos.

- Para realizar un escaneado en demanda del sistema, escriba:
`savscan /`

7 Qué ocurre si se detecta algún virus

Por defecto, si Sophos Anti-Virus detecta un virus durante el escaneado en acceso o en demanda:

- Se crea una entrada en el registro del sistema y en el registro de Sophos Anti-Virus.
- Se envía una alerta a root@localhost.

Sophos Anti-Virus también muestra una alerta, según se describe a continuación.

Escaneado en acceso

Sophos Anti-Virus deniega el acceso al archivo infectado y muestra una alerta de escritorio como la siguiente.



Si no se puede mostrar el mensaje, se mostrará una alerta en la línea de comandos.

Para más información sobre cómo limpiar virus, consulte la [Guía de configuración de Sophos Anti-Virus para Linux](#).

Escaneados en demanda

Sophos Anti-Virus muestra una alerta en la línea de comandos. El nombre del virus se muestra en una línea que comienza con >>> seguido de Virus o Fragmento de virus:

```
SAVScan virus detection utility
Version 4.69.0 [Linux/Intel]
Virus data version 4.69
Includes detection for 2871136 viruses, Trojans and worms
Copyright (c) 1989-2012 Sophos Limited. All rights reserved.
System time 13:43:32, System date 11 June 2012
IDE directory is: /opt/sophos-av/lib/sav
Using IDE file nyrate-d.ide
. . . . .
Using IDE file injec-lz.ide
Quick Scanning
>>> Virus 'EICAR-AV-Test' found in file /usr/mydirectory/eicar.src
33 files scanned in 2 seconds.
```

```
1 virus was discovered.  
1 file out of 33 was infected.  
Please send infected samples to Sophos for analysis.  
For advice consult www.sophos.com/es-es or email soporte@sophos.com  
End of Scan.
```

Para más información sobre cómo limpiar virus, consulte la [Guía de configuración de Sophos Anti-Virus para Linux](#).

8 Actualizar al producto con soporte

Puede actualizar Free Edition de Sophos Anti-Virus al producto con soporte fácilmente, si tiene una licencia.

Para ello, debe cambiar la configuración de actualización de modo que el ordenador u ordenadores descarguen el software con soporte a partir de ahora.

Los pasos dependen de si desea:

- **Actualizar una instalación independiente.** Este es el tipo de instalación que tiene ahora.
- **Actualizar a instalaciones administradas por Sophos Cloud.** Esto le permite administrar múltiples ordenadores desde una consola web.
- **Actualizar a instalaciones administradas por Enterprise Console.** Esto le permite administrar múltiples ordenadores desde una consola en su servidor.

8.1 Actualizar una instalación independiente

Antes de empezar, asegúrese de que tiene los detalles de la licencia.

Para actualizar la instalación, se utiliza la herramienta savsetup de Sophos.

1. Para iniciar savsetup, escriba:
`/opt/sophos-av/bin/savsetup`
2. Seleccione la opción **Updating configuration (Actualización de la configuración)**.
3. Seleccione **Sophos** como fuente de actualización.
En la versión 9.11 y posterior, puede especificar fuentes de actualización primaria y secundaria. Para la instalación independiente, no necesita introducir nada en la fuente de actualización secundaria.
4. Cuando se le solicite, introduzca los detalles del proxy necesarios para acceder a las actualizaciones (si corresponde).
5. Para actualizar al producto con soporte, introduzca el nombre de usuario y la contraseña incluidos con su licencia.

Ha terminado con la actualización.

8.2 Actualizar a instalaciones administradas por Sophos Cloud

Puede actualizar Sophos Anti-Virus para que pueda administrarse de forma centralizada con Sophos Cloud.

Para actualizarse:

1. Inicie sesión en Sophos Cloud.
2. Vaya a la ficha **Downloads (Descargas)**.
3. En **For your servers (Para sus servidores)**, haga clic en **Linux** para descargar el instalador de Sophos Cloud.

4. Ejecute el programa de instalación.

Esto detecta la instalación existente de Sophos Anti-Virus y permite que Sophos Cloud la administre.

8.3 Actualizar a instalaciones administradas por Enterprise Console

Puede actualizar Sophos Anti-Virus para que pueda administrarse de forma centralizada con Sophos Enterprise Console.

Para actualizarlo, debe:

- Suscribirse a Sophos Anti-Virus administrado.
- Configurar los ordenadores para que se actualicen automáticamente con Sophos Anti-Virus administrado.
- Empezar a administrar los ordenadores de forma centralizada.

8.3.1 Suscribirse a Sophos Anti-Virus administrado

Para el registro de Sophos Anti-Virus administrado, se utiliza Sophos Enterprise Console.

Si no tiene Enterprise Console

Instale Enterprise Console en un servidor Windows. Durante la configuración inicial, asegúrese de seleccionar la protección para **Linux**. Para más información, consulte la [Guía rápida de inicio de Sophos Enterprise Console](#).

Luego pase a la siguiente sección.

Si ya tiene Enterprise Console

1. En el menú **View (Ver)**, haga clic en **Update Managers (Gestores de actualización)**.
2. En el panel **Software Subscriptions (Suscripciones de software)**, haga clic en el botón **Add (Añadir)** de la parte superior del panel para crear una nueva suscripción.
3. En el cuadro de diálogo **Software Subscription (Suscripciones de software)**, seleccione **Linux**. En la lista desplegable de versiones disponibles, acepte la versión **Recommended (Recomendada)** predeterminada.

Luego continúe con la siguiente sección.

8.3.2 Configurar los ordenadores para que se actualicen automáticamente con Sophos Anti-Virus administrado

En cada uno de los ordenadores, utilice la herramienta savsetup de Sophos para configurar la actualización.

1. Para iniciar savsetup, escriba:
`/opt/sophos-av/bin/savsetup`
2. Seleccione la opción **Updating configuration (Actualización de la configuración)**.

3. Seleccione **From own folder (Desde una carpeta propia)** (aparece como **From own server (Desde un servidor propio)** en la versión 9.11 y posterior) como fuente de actualización. A continuación, introduzca la ubicación de la carpeta en la que Enterprise Console guarda las actualizaciones.

Consejo: para ver la ubicación de esta carpeta, en Enterprise Console, en el menú **View (Ver)**, haga clic en **Bootstrap Locations (Ubicación de archivos de inicio)**. Se muestra la ubicación para cada uno de los sistemas operativos.

4. En la versión 9.11 y posterior, puede introducir una fuente de actualización "secundaria". Sophos Anti-Virus se actualizará desde esta fuente si no puede ponerse en contacto con la fuente primaria.

Nota: la fuente secundaria puede ser otra carpeta de su red en las que Enterprise Console guarda las actualizaciones, o puede ser **Sophos**.

8.3.3 Empezar a administrar los ordenadores de forma centralizada

En esta sección se asume que ya ha configurado un grupo o grupos de ordenadores administrados en Enterprise Console.

1. En Enterprise Console, en el panel **Groups (Grupos)**, haga clic en el grupo **Unassigned (No asignado)**.
2. Busque el ordenador u ordenadores de Linux que ha actualizado. Arrástrelos a otro grupo. Enterprise Console administrará el ordenador u ordenadores y aplicará las políticas que haya establecido para ese grupo.

9 Desinstalar Sophos Anti-Virus

- Para desinstalar Sophos Anti-Virus, ejecute el siguiente script en cada ordenador:
`/opt/sophos-av/uninstall.sh`

Si el daemon `savd` se encuentra activo, se le pedirá que lo detenga.

Se eliminarán:

- Todas las entradas de Sophos Anti-Virus en el arranque del sistema.
- Las páginas man de Sophos Anti-Virus en `/usr/share/man`.
- El programa de escaneo `savscan` en `/usr/local/bin`.
- El directorio `/opt/sophos-av` y todo su contenido.

10 Obtener ayuda

Puede obtener ayuda con las herramientas gratuitas de Sophos de cualquiera de las siguientes formas:

- Visitar el foro SophosFreeTalk en <http://openforum.sophos.com>.
- Visitar la base de conocimiento de Sophos en www.sophos.com/es-es/support.aspx.
- Descargar la documentación correspondiente desde www.sophos.com/es-es/support/documentation.aspx.

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libmagic – file type detection

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pycrypto

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TinyXML XML parser

www.sourceforge.net/projects/tinyxml

Original code by Lee Thomason (www.grinninglizard.com)

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zlib data compression library

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