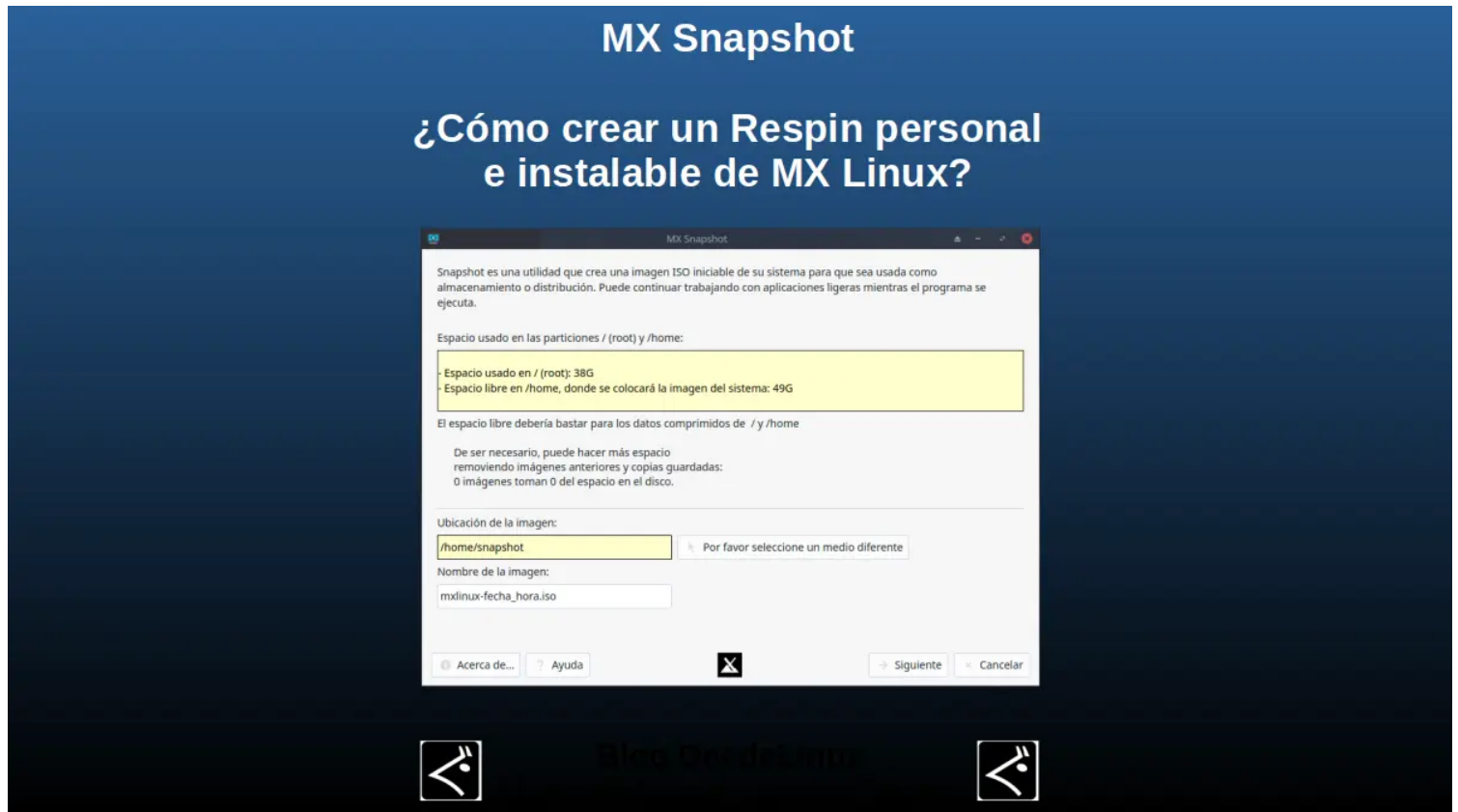


MX Snapshot: How to create a personal and installable MX Linux Respin?

 blog.desdelinux.net/en/mx-snapshot-how-to-create-personal-installable-respin-mxlinux

23 de noviembre de 2020



MX Snapshot: How to create a personal and installable MX Linux Respin?

For many of us who are passionate about **Linux world**, not only is it necessary to use it, but many times we are in search of a **GNU / Linux distribution** ideal or looking for a way to create it, either from scratch with methods of the type **LFS (Linux From Scratch)** or on the basis of another large and solid distribution, such as, **Debian, Ubuntu, Fedora and Arch**.

Certainly this usually requires **deep knowledge** and using **specialized software tools**, which not any normal and average computer user (office / administrative) usually has. However, the **MX Linux distribution**, which we talk about frequently, has a useful, simple and efficient application called **MX Snapshot**, which allows virtually any Linux User to create their own personal, installable MX Linux Respin.

MX-19.3

MX Linux, la Distro número 1 de DistroWatch se ha actualizado



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MX-19.3: MX Linux, DistroWatch number 1 has been updated

Be understood by **Respin**, a **bootable (live) and installable ISO image** that can be used as a restore point, storage medium and / or **GNU / Linux re-distributable distribution** among others. Therefore, this tool is a modern and efficient substitute for old ones, such as **«Remastersys y Systemback»**, but that only works on your **Native distro**, in other words, **MX Linux**.

Moreover, **MX Linux** currently also includes another software tool called **«MX Live USB Maker (Creador de USB Vivo MX)»** whose purpose is to record the **«Imagen ISO»** generated from current, customized and optimized Operating System of the **Usuario Linux** on a **«Unidad USB»**.

To expand all this information on **MX Linux and its Tools**, we invite you to click on the following **link** and / or read our previous following related publications:



Related article:

MX-19.3: MX Linux, DistroWatch number 1 has been updated



Related article:

MX Linux 19: The new version based on DEBIAN 10 has been released



Related article:

Miracles: A small Distro based on MX-Linux 17.1

MX

MX Snapshot: ¿Cómo crear un Respin personal e instalable de MX Linux?

Snapshot es una utilidad que crea una imagen ISO iniciable de su sistema para que sea usada como almacenamiento o distribución. Puede continuar trabajando con aplicaciones ligeras mientras el programa se ejecuta.

Espacio usado en las particiones / (root) y /home:

- Espacio usado en / (root): 38G

- Espacio libre en /home, donde se colocará la imagen del sistema: 49G

El espacio libre debería bastar para los datos comprimidos de / y /home

De ser necesario, puede hacer más espacio
removiendo imágenes anteriores y copias guardadas:
0 imágenes toman 0 del espacio en el disco.



Ubicación de la imagen:


/home/snapshot

Por favor seleccione un medio diferente

Nombre de la imagen:

mxlinux-fecha_hora.iso

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? Ayuda

MX Snapshot: Snapshot Tool

Previous steps and recommendations before using MX Snapshot

The steps outlined and recommended below are for a **MX Linux user** after **install, configure, optimize and customize** su **Distro MX Linux** to your liking, you can successfully create a **Respin** that allows, among other things, **quickly restore** the same in any situation that warrants it, avoiding using the original Distro from scratch and having to start all over again. Or in case, you want **share your Respin with others**, for whatever reason, such as creating a Community around him.

Previous steps

1. **Manually delete everything unnecessary:** I only left in the existing folders of the path «/ home /...», those personal or own files that I want to save and / or share with others. Remember that the fewer files are included the smaller the generated ISO will be. The same applies for applications, that is, the fewer applications included or the smaller they are, the better it will be to preserve a reasonable ISO size for downloading and use on small USB Memory Drives.
2. **Automatically delete all that excess:** For this purpose, the use of the following MX Linux applications and other external applications is ideal: MX Cleanup (MX Cleaning) and BleachBit. Use both preferably at maximum cleaning capacity, and the latter both in your normal user mode as "root".

Recommendations

1. **Deactivate / disable all those unnecessary services:** For this purpose, the use of the following MX Linux applications and other external applications is ideal: The native application "Session and Start" of the "Configuration Menu" for XFCE and the external application Stacer in its option "Services" . Furthermore, Stacer allows us to perform an excellent debugging of the log files (* .log) in its "System Cleanup" option.
2. **Save user settings and customizations:** In the event that you wish to preserve and inherit part or all of what has been done in the MX Linux user created on the new users to be created in the Respin, you must place the necessary folders and files located in the path «/ home / myuser / »within the path« / etc / skel ». For example:

Folders:

- .cache
- .config
- .local

Any other that you consider necessary, for example: .conky, .fluxbox, .kde, among others.

Archives:

- .bash_history
- .bashrc
- .face
- .profile

Any other that you consider necessary, for example: .wbar, .xinitrc, .xscreensaver, among others.

How to use MX Snapshot?

Use **MX Snapshot** it really is very easy. Once opened (executed), it indicates the following on its initial screen, which can be seen in the immediate upper image:

- **Space in / (root):** To show how much space is occupied in the entire OS to compress.
- **Free space in / home:** To show when free space is available on OS Home
- **Image location:** To show the default path and / or indicate your own, where the ISO will be created.
- **Image Name:** To show the default name and / or indicate your own, for the ISO to be created.

MX Snapshot: ¿Cómo crear un Respin personal e instalable de MX Linux?

Snapshot usará los siguientes ajustes:*

- Directorio de la imagen: /home/snapshot
- Nombre de la imagen: mxlinux-fecha_hora.iso
- Kernel a usarse: 4.19.0-6-amd64

También puede excluir ciertos directorios marcando las opciones comunes abajo o haciendo clic en el botón para editar directamente /usr/lib/mx-snapshot/snapshot-exclude.list.

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Editar archivo de exclusión

Esquema de compresión ISO: xz

Tipo de imagen del sistema:

☒ Cuentas preservadas (para el respaldo personal)
 ☐ Cuentas por defecto restablecidas (para distribuir a otros)

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On the next screen, as can be seen in the immediate upper image, it is allowed to indicate which folders of the created user do not want to be backed up, in case the option «**Accounts preserved (for personal backup)**». This option allows the created user to remain recorded and available in the **Respin** both in mode «**En vivo**» (**live**) as when installing the same.

In case, the option is selected "**Default accounts restored (to distribute to others)**", no user account will be saved (copied) and by default, this option will reset the passwords of "**Demo**" y "**Root**" to those included by default in **MX Linux**.

Moreover, **MX Snapshot** offers the following compression schemes: **lz4**, **lzo**, **gzip** and **xz**, the latter being the most efficient when compressing the files to be inserted into the ISO.

For the rest, by pressing the «**next**» **button** the ISO will be created and we can burn it to a DVD or USB using **MX Live USB Maker** from **MX Linux** the **Balena Etcher**, **Rosa Image Writer**, **Ventoy** or **command "dd"** from any other **GNU / Linux distribution**, or using **Rufus** from **Windows**.

Note: In case you want **edit (customize)** the options of the **start menu (boot)** of the new Respin the file must be edited **edit the mx-snapshot.conf** file what is on the route **"/etc"** and put the **option "edit_boot_menu"** en "**And it is**". This will mean that there will always be an edit window for the file «**isolinux.cfg**» where we can edit them, so that when the Respin starts, for example, the new name of our custom Respin comes out, instead of, "**MX Linux**" which comes by default.

If you want to know more about **MX Linux Respin** click on the following links:

And here, to learn more about a **Unofficial MX Linux Respin** called **Miracles**, a project that replaced a previous one called **Miners** based **Ubuntu 18.04** using **Systemback**.



DESDE LINUX CONCLUSIÓN

Conclusion

We hope this **"useful little post"** about the native tool **MX Linux** call **«MX Snapshot»** , which is an excellent software utility that allows creating a personal and installable MX Linux Respin, that is, a bootable ISO image (live) that can be used as a restore point, storage medium and / or distribution; is of great interest and utility, for the entire **«Comunidad de Software Libre y Código Abierto»** and of great contribution to the diffusion of the wonderful, gigantic and growing ecosystem of applications of **«GNU/Linux»** .

And for more information, always do not hesitate to visit any **Online library** as **OpenLibra** y **JedIT** to read **books (PDFs)** on this topic or others **knowledge areas**. For now, if you liked this **«publicación»** , **don't stop sharing it** with others, in your **Favorite websites, channels, groups, or communities** of social networks, preferably free and open as **Mastodon**, or secure and private like **Telegram**.