



Universidad Nacional Autónoma de México

FACULTAD DE ESTUDIOS SUPERIORES ARAGÓN

Organización y Administración de Centros de Computo

Tarea 7 “Firma de un SO”

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Descargamos nuestro sistema operativo

The screenshot shows the Ubuntu 20.04 LTS release page. The browser tabs include 'Tarea 6 - Fir...', 'Tarea06_Fir...', 'ORGANIZA...', 'Ejemplo de...', 'Tarea 7 - In...', 'Password s...', 'Recibidos (1 x)', 'Ubuntu 20.04 LTS', 'Nueva pest...', 'Index of /re...', and '+'. The address bar shows the URL: old-releases.ubuntu.com/releases/20.04.1/?_ga=2.38032291.1234383509.1623991696-98137299.1623991696. The page title is 'Select an image'. Below the title, it says 'Ubuntu is distributed on three types of images described below.' There are two main sections: 'Desktop image' and 'Server install image'. Each section has a description and a link to the specific image. The 'Desktop image' section has a link to '64-bit PC (AMD64) desktop image'. The 'Server install image' section has a link to '64-bit PC (AMD64) server install image'. At the bottom, there is a note about a full list of available files and a link to the Image Burning Guide.

Select an image

Ubuntu is distributed on three types of images described below.

Desktop image

The desktop image allows you to try Ubuntu without changing your computer at all, and at your option to install it permanently later. This type of image is what most people will want to use. You will need at least 1024MiB of RAM to install from this image.

[64-bit PC \(AMD64\) desktop image](#)

Choose this if you have a computer based on the AMD64 or EM64T architecture (e.g., Athlon64, Opteron, EM64T Xeon, Core 2). Choose this if you are at all unsure.

Server install image

The server install image allows you to install Ubuntu permanently on a computer for use as a server. It will not install a graphical user interface.

[64-bit PC \(AMD64\) server install image](#)

Choose this if you have a computer based on the AMD64 or EM64T architecture (e.g., Athlon64, Opteron, EM64T Xeon, Core 2). Choose this if you are at all unsure.

A full list of available files, including BitTorrent files, can be found below.

If you need help burning these images to disk, see the [Image Burning Guide](#).

old-releases.ubuntu.com/releases/20.04.1/ubuntu-20.04-beta-live-server-amd64.iso

Last modified

Size

Escribe aquí para buscar

19°C Lluvia ligera

11:57 p.m.

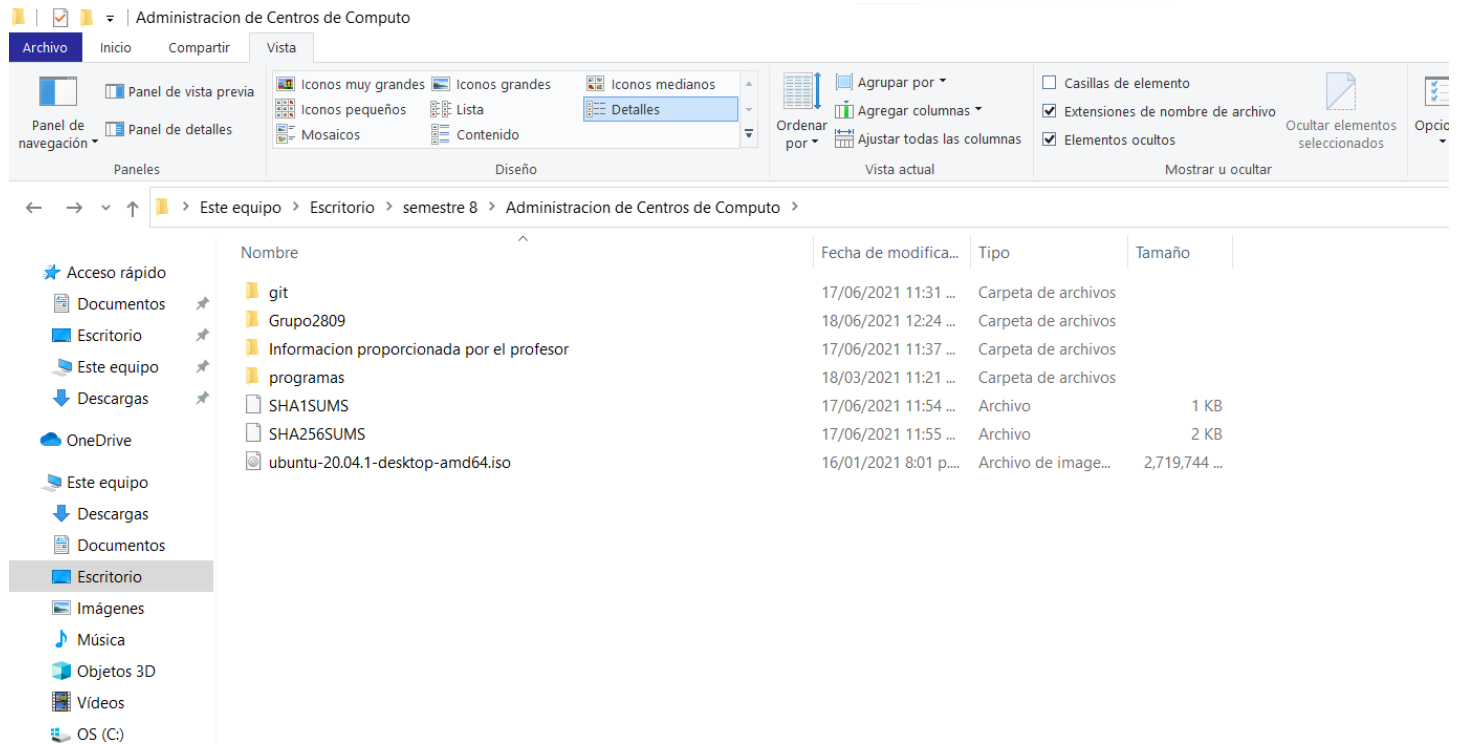
Descargamos el sha256sum de la página oficial de donde descargamos nuestro sistema operativo

<https://releases.ubuntu.com/20.04/>

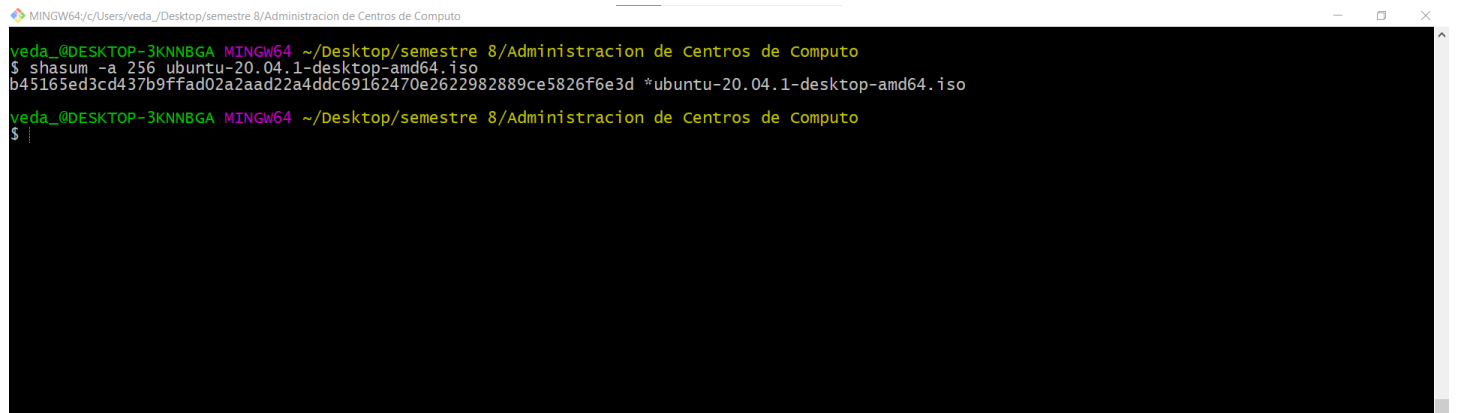
The screenshot shows the Ubuntu 20.04 LTS release page. The browser tabs include 'Tarea 6 - Fir...', 'Tarea06_Fir...', 'ORGANIZA...', 'Ejemplo de...', 'Tarea 7 - In...', 'Password s...', 'Recibidos (1 x)', 'Ubuntu 20.04 LTS', 'Nueva pest...', 'Index of /re...', and '+'. The address bar shows the URL: old-releases.ubuntu.com/releases/20.04.1/?_ga=2.38032291.1234383509.1623991696-98137299.1623991696. The page title is 'Index of /releases/20.04.1/'. Below the title, there is a table of files. The table has three columns: 'Name', 'Last modified', and 'Size'. The files listed are: 'Parent Directory', 'FOOTER.html', 'HEADER.html', 'MD5SUMS', 'MD5SUMS-metalink', 'MD5SUMS-metalink.gpg', 'MD5SUMS.gpg', 'SHA1SUMS', 'SHA1SUMS.gpg', 'SHA256SUMS', 'SHA256SUMS.gpg', 'ubuntu-20.04-beta-desktop-amd64.iso', 'ubuntu-20.04-beta-desktop-amd64.iso.torrent', 'ubuntu-20.04-beta-desktop-amd64.iso.zsync', 'ubuntu-20.04-beta-desktop-amd64.list', 'ubuntu-20.04-beta-desktop-amd64.manifest', and 'ubuntu-20.04-beta-desktop-amd64.metalink'.

Name	Last modified	Size
Parent Directory	-	-
FOOTER.html	2020-04-03 11:44	810
HEADER.html	2020-04-03 11:44	3.9K
MD5SUMS	2020-04-03 11:44	144
MD5SUMS-metalink	2020-04-03 11:44	154
MD5SUMS-metalink.gpg	2020-04-03 11:44	819
MD5SUMS.gpg	2020-04-03 11:44	819
SHA1SUMS	2020-04-03 11:44	160
SHA1SUMS.gpg	2020-04-03 11:44	819
SHA256SUMS	2021-02-11 19:07	1.8K
SHA256SUMS.gpg	2021-02-11 19:07	833
ubuntu-20.04-beta-desktop-amd64.iso	2020-04-03 07:36	2.6G
ubuntu-20.04-beta-desktop-amd64.iso.torrent	2020-04-03 11:42	53K
ubuntu-20.04-beta-desktop-amd64.iso.zsync	2020-04-03 11:42	5.2M
ubuntu-20.04-beta-desktop-amd64.list	2020-04-03 07:36	17K
ubuntu-20.04-beta-desktop-amd64.manifest	2020-04-03 07:31	54K
ubuntu-20.04-beta-desktop-amd64.metalink	2020-04-03 11:44	46K

Voy a poner los dos archivos en la misma carpeta para facilitar las cosas



Sacamos el hash a nuestro iso



El archivo tenía varios hash de diferentes versiones del Ubuntu pero como vemos el iso coincide con uno y efectivamente es el sistema operativo que descargue.

MINGW64/c/Users/veda/Desktop/semestre 8/Administracion de Centros de Computo

```
veda_@DESKTOP-3KNNBGA MINGW64 ~/Desktop/semestre 8/Administracion de Centros de Computo
$ shasum -a 256 ubuntu-20.04.1-desktop-amd64.iso
b45165ed3cd437b9ffad02a2aad22a4ddc69162470e2622982889ce5826f6e3d *ubuntu-20.04.1-desktop-amd64.iso
```

```
veda_@DESKTOP-3KNNBGA MINGW64 ~/Desktop/semestre 8/Administracion de Centros de Computo
$ sha256sum -c SHA256SUMS
sha256sum: ubuntu-20.04-beta-desktop-amd64.iso: No such file or directory
ubuntu-20.04-beta-desktop-amd64.iso: FAILED open or read
sha256sum: ubuntu-20.04-beta-live-server-amd64.iso: No such file or directory
ubuntu-20.04-beta-live-server-amd64.iso: FAILED open or read
sha256sum: ubuntu-20.04-desktop-amd64.iso: No such file or directory
ubuntu-20.04-desktop-amd64.iso: FAILED open or read
sha256sum: ubuntu-20.04-live-server-amd64.iso: No such file or directory
ubuntu-20.04-live-server-amd64.iso: FAILED open or read
sha256sum: ubuntu-20.04-live-server-arm64.iso: No such file or directory
ubuntu-20.04-live-server-arm64.iso: FAILED open or read
sha256sum: ubuntu-20.04-live-server-ppc64el.iso: No such file or directory
ubuntu-20.04-live-server-ppc64el.iso: FAILED open or read
sha256sum: ubuntu-20.04-live-server-s390x.iso: No such file or directory
ubuntu-20.04-live-server-s390x.iso: FAILED open or read
sha256sum: ubuntu-20.04-preinstalled-server-arm64+raspi.img.xz: No such file or directory
ubuntu-20.04-preinstalled-server-arm64+raspi.img.xz: FAILED open or read
sha256sum: ubuntu-20.04-preinstalled-server-armhf+raspi.img.xz: No such file or directory
ubuntu-20.04-preinstalled-server-armhf+raspi.img.xz: FAILED open or read
ubuntu-20.04.1-desktop-amd64.iso: OK
sha256sum: ubuntu-20.04.1-live-server-amd64.iso: No such file or directory
ubuntu-20.04.1-live-server-amd64.iso: FAILED open or read
sha256sum: ubuntu-20.04.1-live-server-arm64.iso: No such file or directory
ubuntu-20.04.1-live-server-arm64.iso: FAILED open or read
sha256sum: ubuntu-20.04.1-live-server-ppc64el.iso: No such file or directory
ubuntu-20.04.1-live-server-ppc64el.iso: FAILED open or read
sha256sum: ubuntu-20.04.1-live-server-s390x.iso: No such file or directory
ubuntu-20.04.1-live-server-s390x.iso: FAILED open or read
sha256sum: ubuntu-20.04.1-preinstalled-server-arm64+raspi.img.xz: No such file or directory
ubuntu-20.04.1-preinstalled-server-arm64+raspi.img.xz: FAILED open or read
sha256sum: ubuntu-20.04.1-preinstalled-server-armhf+raspi.img.xz: No such file or directory
ubuntu-20.04.1-preinstalled-server-armhf+raspi.img.xz: FAILED open or read
sha256sum: ubuntu-20.04.2-desktop-amd64.iso: No such file or directory
ubuntu-20.04.2-desktop-amd64.iso: FAILED open or read
sha256sum: WARNING: 16 listed files could not be read
```

```
veda_@DESKTOP-3KNNBGA MINGW64 ~/Desktop/semestre 8/Administracion de Centros de Computo
$ |
```