



**UNIVERSIDAD NACIONAL
AUTÓNOMA DE MÉXICO**

**FACULTAD DE ESTUDIOS SUPERIORES
"ARAGÓN"**



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**Tarea:
Integridad de un Archivo**

**Organización y Administración de Centros
de Computo
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Buscamos un archivo ISO de una página oficial

Página Oficial: <https://ubuntu.com/>



Descargamos el ISO

The screenshot shows the Ubuntu download page in a Firefox browser window. The browser's address bar displays the URL: <https://ubuntu.com/download/desktop/thank-you?version=20.04.2.0&architecture=amd64#download>. The page features the Ubuntu logo and navigation links for Enterprise, Developer, Community, and Download. The main content area is divided into four columns: Ubuntu Desktop, Ubuntu Server, Ubuntu for IoT, and Ubuntu Cloud. Each column provides a brief description and a download link. The Ubuntu Desktop column highlights the 20.04 LTS version. The Ubuntu Server column offers a 'Get Ubuntu Server' button. The Ubuntu for IoT column lists various hardware options like Raspberry Pi, Intel NUC, KVM, Qualcomm Dragonboard 410c, UP² IoT Grove, and Intel IEI TANK 870. The Ubuntu Cloud column mentions getting started on Amazon AWS, Microsoft Azure, and Google Cloud Platform. Below the main content, there are sections for Tutorials, Read the Docs, Other Ways to Download, and Ubuntu Flavours. The footer includes a link to the Ubuntu Desktop download page.

Actividades Navegador web Firefox 17 de jun 17:46

Thank you for download! x

https://ubuntu.com/download/desktop/thank-you?version=20.04.2.0&architecture=amd64#download

CANONICAL

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Ubuntu Desktop >

Download Ubuntu desktop and replace your current operating system whether it's Windows or Mac OS, or, run Ubuntu alongside it.

20.04 LTS 21.04

Get Ubuntu Server

Ubuntu Server >

The most popular server Linux in the cloud and data centre, you can rely on Ubuntu Server and its five years of guaranteed free upgrades.

Mac and Windows ARM IBM Power s390x

Ubuntu for IoT >

Are you a developer who wants to try snappy Ubuntu Core or classic Ubuntu on an IoT board?

Raspberry Pi 2, 3 or 4 Intel NUC KVM Qualcomm Dragonboard 410c UP² IoT Grove Intel IEI TANK 870

Ubuntu Cloud >

Use Ubuntu optimised and certified server images on most major clouds.

Get started on Amazon AWS, Microsoft Azure, Google Cloud Platform and more... Download cloud images for local development and testing

TUTORIALS

If you are already running Ubuntu - you can [upgrade](#) with the Software Updater

Burn a DVD on [Ubuntu](#), [macOS](#), or [Windows](#). Create a bootable USB stick on [Ubuntu](#), [macOS](#), or [Windows](#)

Installation guides for [Ubuntu Desktop](#) and [Ubuntu Server](#)

You can learn how to [try Ubuntu before you install](#)

READ THE DOCS

Read the official docs for [Ubuntu Desktop](#), [Ubuntu Server](#), and [Ubuntu Core](#)

UBUNTU APPLIANCES

An [Ubuntu Appliance](#) is an official system image which blends a single application with Ubuntu Core. Certified to run on Raspberry Pi and PC boards.

OTHER WAYS TO DOWNLOAD

Ubuntu is available via [BitTorrents](#) and via a minimal [network installer](#) that allows you to customise what is installed, such as additional languages. You can also find [older releases](#).

UBUNTU FLAVOURS

Find new ways to experience Ubuntu, each with their own choice of default applications and settings.

[Kubuntu](#) [Ubuntu Kylin](#)
[Lubuntu](#) [Ubuntu MATE](#)
[Ubuntu Budgie](#) [Ubuntu Studio](#)
[Xubuntu](#)

the good work the community does.

Ubuntu Desktop

https://ubuntu.com/download/desktop/thank-you?version=20.04.2.0&architecture=amd64

Hash del ISO descargado

Una vez finalizada la descarga la página de Ubuntu nos da la manera de verificar el archivo brindándonos su Hash

The screenshot shows the Ubuntu Desktop download page in a Firefox browser. The page title is "Thank you for downloading Ubuntu Desktop". Below the title, it says "Your download should start automatically. If it doesn't, [download now](#)." and "You can [verify your download](#), or get [help on installing](#).".

Annotations and their connections:

- A blue box contains the command:

```
echo "93bdab204067321ff131f560879db46bee3b994bf24836bb78538640f689e58f*ubuntu-20.04.2.0-desktop-amd64.iso" | shasum -a 256 --check
```

. A blue arrow points from this box to a text box on the right.
- A green box contains the output:

```
ubuntu-20.04.2.0-desktop-amd64.iso: OK
```

. A green arrow points from this box to a text box on the right.
- A text box on the right says: "Eso es lo que nos brinda Ubuntu hay que escribirlo en el terminal".
- Another text box on the right says: "Una vez ejecutada la acción anterior nos debe de salir este mensaje en la terminal lo que significa que el archivo es Original".

The page also features a "Community projects" section with a slider for "I support LoCo teams, UbuCons and other events, upstream projects and all the good work the community does." and a "Tip to Canonical" section.

Verificación del hash al ISO de Ubuntu

Finalmente mostramos como ejecutamos el comando que nos dio la página de Ubuntu la cual nos confirmó que el ISO era correcto sin embargo para no quedarnos con la duda usamos sha256 y nos dimos cuenta que si nos brindaba el hash correspondiente

