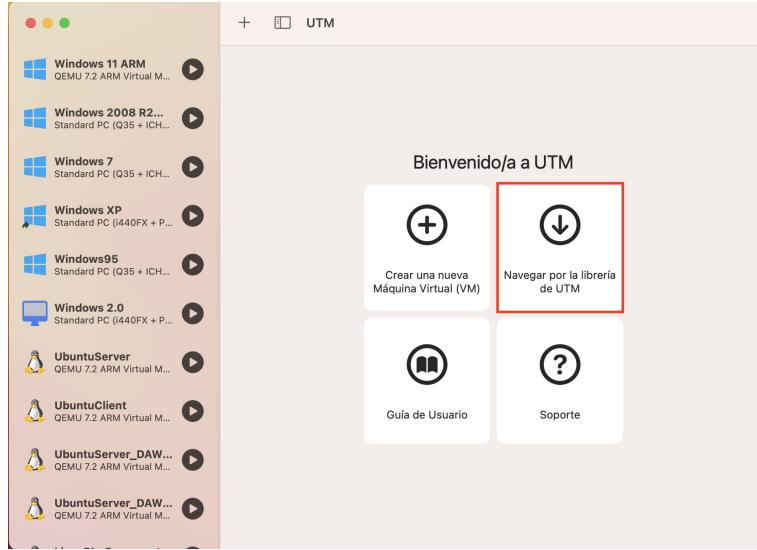
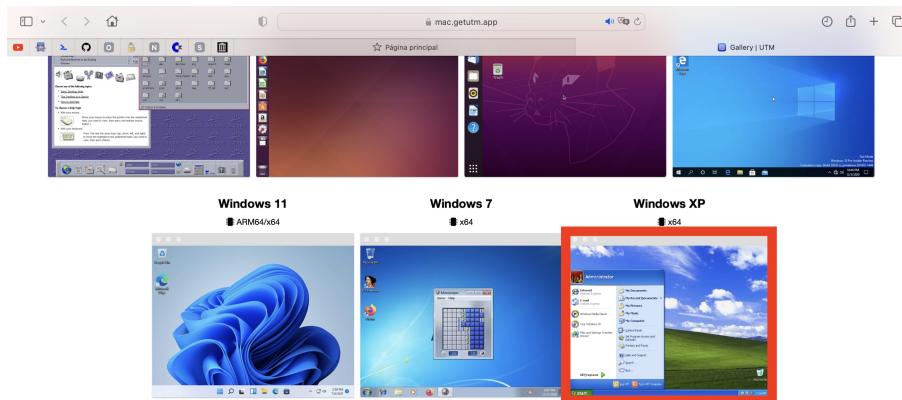


Install Windows XP with UTM

We open UTM and navigate through the UTM library.



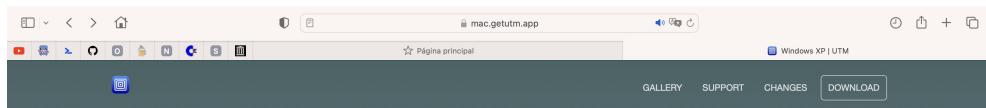
We select Windows XP.



On the next page, we select “Download” to download the machine’s characteristics, not to download the Windows XP image.

If we look further down in the “Requirements” section, it explains that we need to have the Windows XP installation ISO image.

There are many different ones that work, but a good working image for English users is called en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso and has the SHA1 hash of 6947e45f7eb50c873043af4713aa7cd43027efa7.



Windows XP

■ Architecture: x64
 ■ Memory: 512 MiB
 ■ Disk: 20 GiB
 ■ Display: VGA
 ■ SPICE tools: Installed



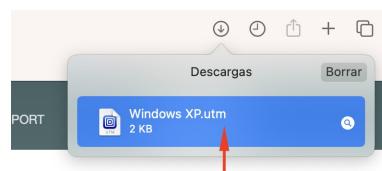
[Download](#)

Requirements

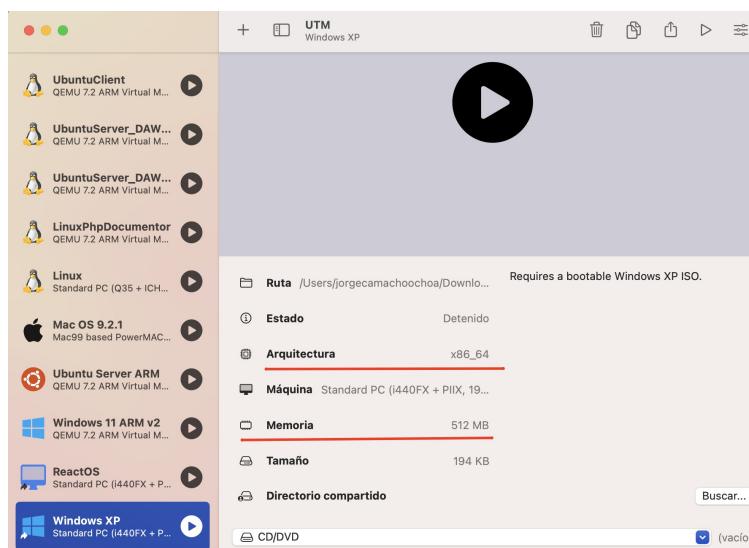
You need an Windows XP installation ISO. There are many different ones that work but a good working image for English users is named en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso and has the SHA1 hash of 6947e45f7eb50c873043af4713aa7cd43827ef7.

Installation

Once we click on download, we click and open the virtual machine.



And we can see that UTM has created the virtual machine with the most suitable characteristics for Windows XP, such as 512 MB of RAM.



But we don't have a Windows XP installation image.

Now, we will copy en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso and paste it into the search bar of our browser.

We will see that it appears on Internet Archive, and we select that URL.

Aproximadamente 1.060 resultados (0,31 segundos)

Internet Archive
https://archive.org/download... · Traducir esta página

Windows-XP-Professional-SP3 directory listing
en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso (View Contents), 14-Mar-2018 14:52, 617.8M.

SF Soft Famous
https://softfamous.com/windows... · Traducir esta página

Windows XP SP3 (Official ISO Image)
15 dic 2020 — The Windows XP SP3 (Official ISO Image) demo is available to all software users as a free download with potential restrictions compared with the ...

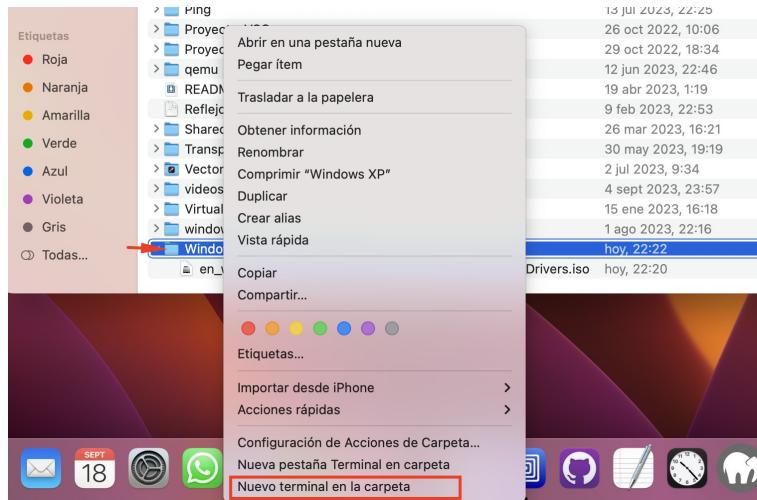
ProSoftPedia
https://prosoftpedia.com/windo... · Traducir esta página

Windows XP SP3 (Official ISO Image)

We click on the link `en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso` and see that it is also the largest file.

Name	Last modified	Size
↑ Go to parent directory		
Windows-XP-Professional-SP3_archive.torrent	09-Apr-2019 20:14	25.9K
Windows-XP-Professional-SP3_files.xml	09-Apr-2019 20:14	1.8K
Windows-XP-Professional-SP3_meta.sqlite	14-Mar-2018 14:53	11.0K
Windows-XP-Professional-SP3_meta.xml	26-Feb-2019 16:10	798.0B
Windows-XP-Professional-SP3_reviews.xml	09-Apr-2019 20:14	706.0B
en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso (View Contents)	14-Mar-2018 14:52	617.8M

And once it's downloaded, we move it to a folder where we'll store the .iso image. Then, right-click on that folder and select "Open Terminal in this folder."



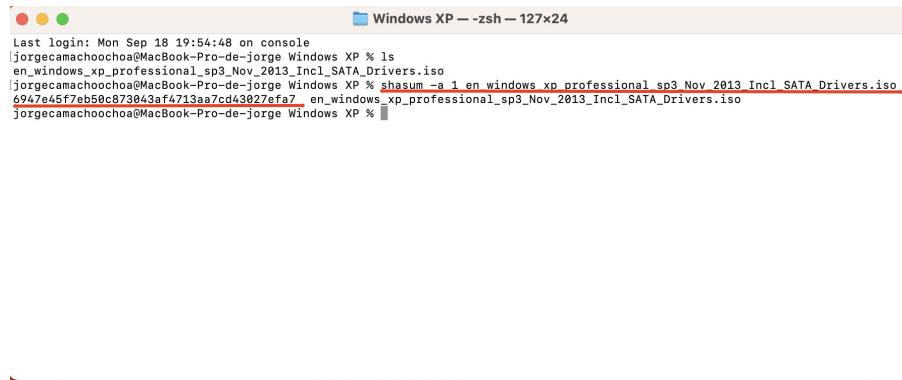
Now, in the terminal, we execute

→ ls

to see the file inside the folder, and then we run

→ shasum -a 1 en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso

This will generate a hash for us.



```
Last login: Mon Sep 18 19:54:48 on console
jorgecamachoochoa@MacBook-Pro-de-jorge:~$ cd /tmp
jorgecamachoochoa@MacBook-Pro-de-jorge:~/tmp$ ls
en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso
jorgecamachoochoa@MacBook-Pro-de-jorge:~/tmp$ sha1sum -a 1 en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso
6947e45f7eb50c873043af4713aa7cd43027efa7 en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso
jorgecamachoochoa@MacBook-Pro-de-jorge:~/tmp$
```

Now, let's check if this hash matches the one provided in UTM. To do this, we will copy (Control + C) the hash from the UTM page.



Windows XP

- Architecture: x64
- Memory: 512 MiB
- Disk: 20 GiB
- Display: VGA
- SPICE tools: Installed

[Download](#)

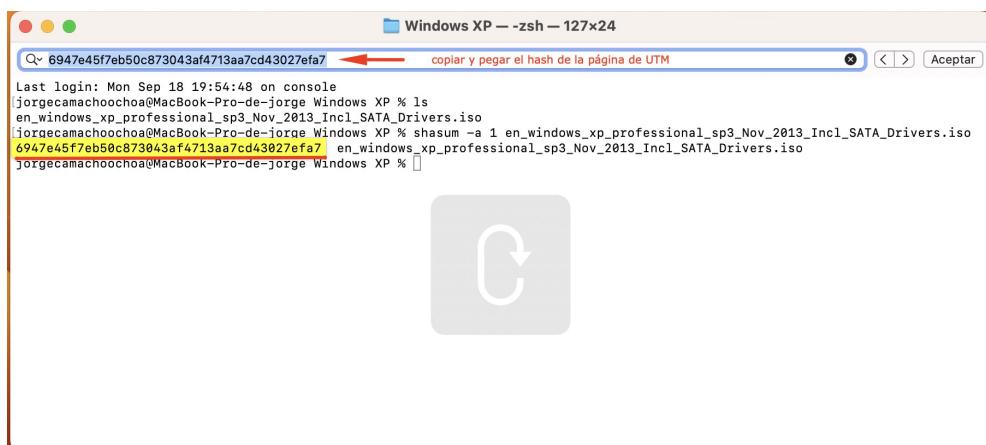


Requirements

You need an Windows XP installation ISO. There are many different ones that work but a good working image for English users is named `en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso` and has the SHA1 hash of [6947e45f7eb50c873043af4713aa7cd43027efa7](#).

Installation

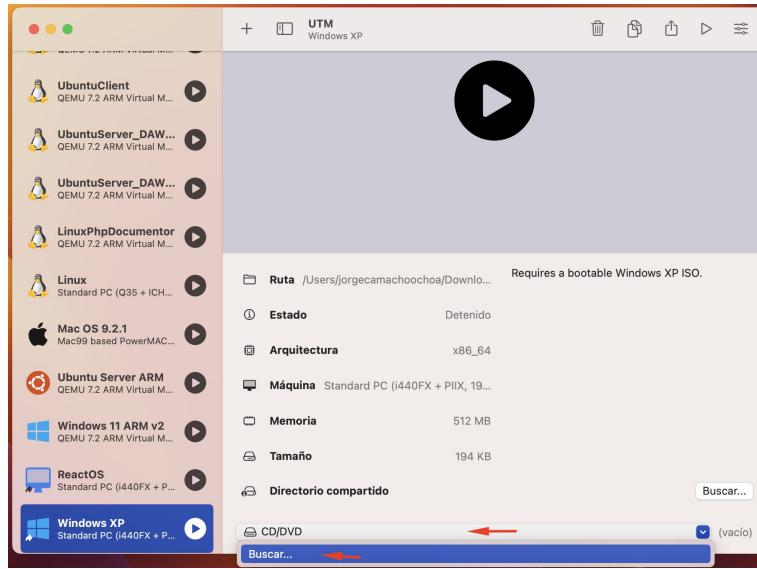
And in the terminal, we press Control + F to search. In the search box that appears, we paste the hash using Control + V and press Enter. If they match, the hash will be highlighted in yellow.



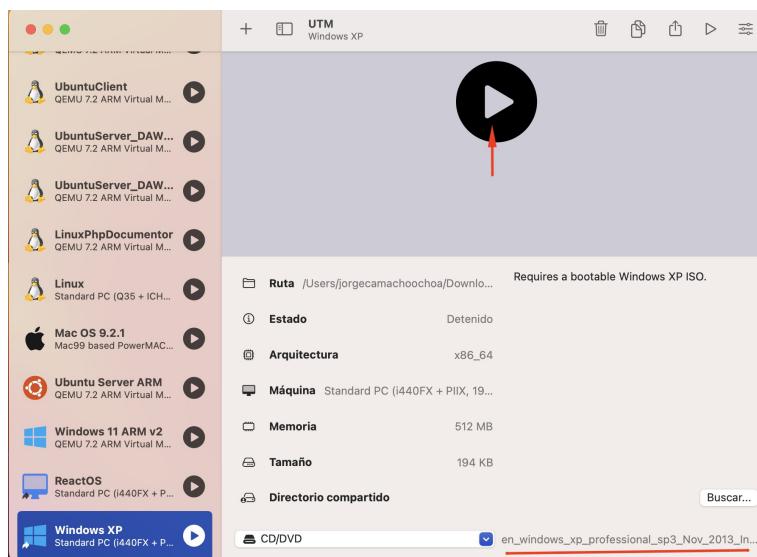
```
Last login: Mon Sep 18 19:54:48 on console
jorgecamachoochoa@MacBook-Pro-de-jorge:~$ cd /tmp
jorgecamachoochoa@MacBook-Pro-de-jorge:~/tmp$ ls
en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso
jorgecamachoochoa@MacBook-Pro-de-jorge:~/tmp$ sha1sum -a 1 en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso
6947e45f7eb50c873043af4713aa7cd43027efa7 en_windows_xp_professional_sp3_Nov_2013_Incl_SATA_Drivers.iso
jorgecamachoochoa@MacBook-Pro-de-jorge:~/tmp$
```

With this, we have confirmed that the file we downloaded is correct and has not been tampered with.

Now, in UTM, we go to **CD/DVD** and search for the file we downloaded.

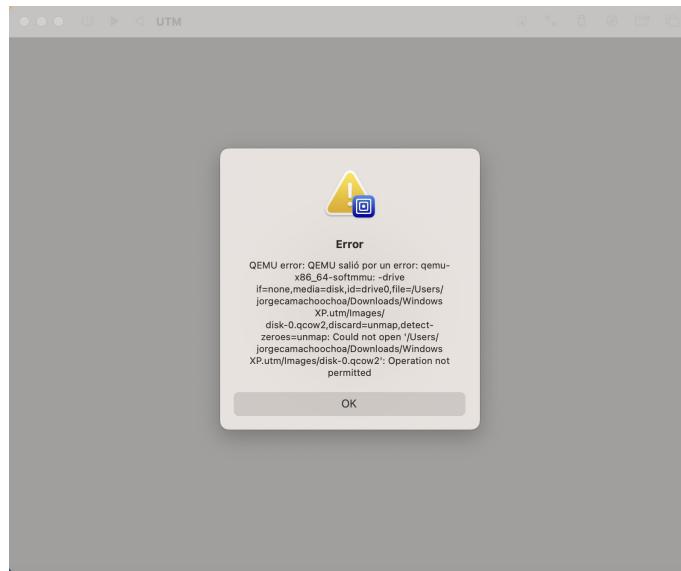


And once we've loaded it into the **CD/DVD**, we click the **PLAY** icon.

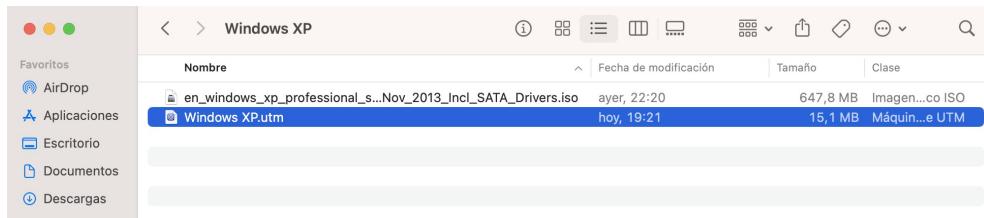


And we will begin the installation of Windows XP.

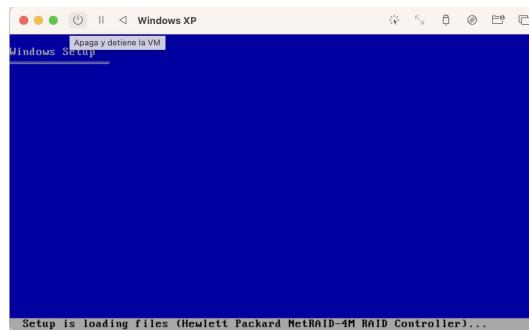
Then, we get this error.



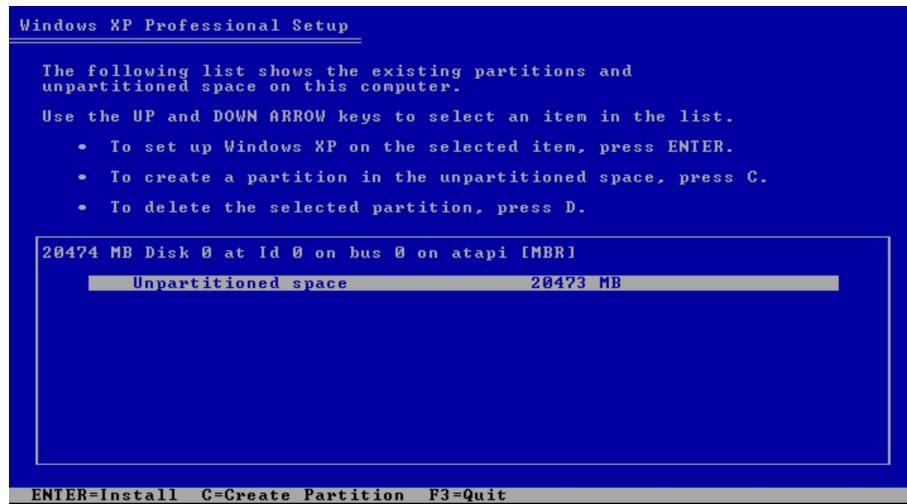
To avoid this error, it's better to place both the **Windows XP.utm** file and the **.iso** file in the same folder, preferably outside the **Downloads** folder. Then, run the **.utm** file again.



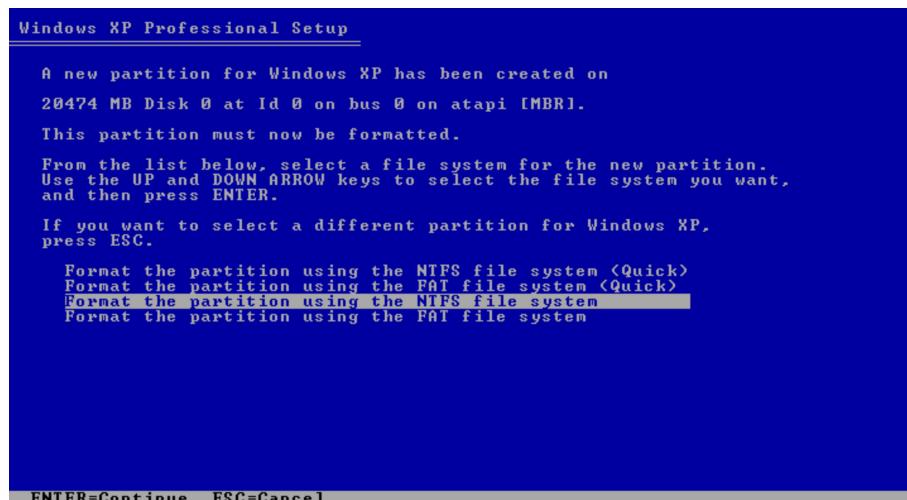
And when we click **PLAY**, we will see that the Windows XP installation begins.



*On the next screen, if we don't want to partition the disk, we press **Enter**.*



On the next screen, we press **Enter** to format the disk using the NTFS file system.



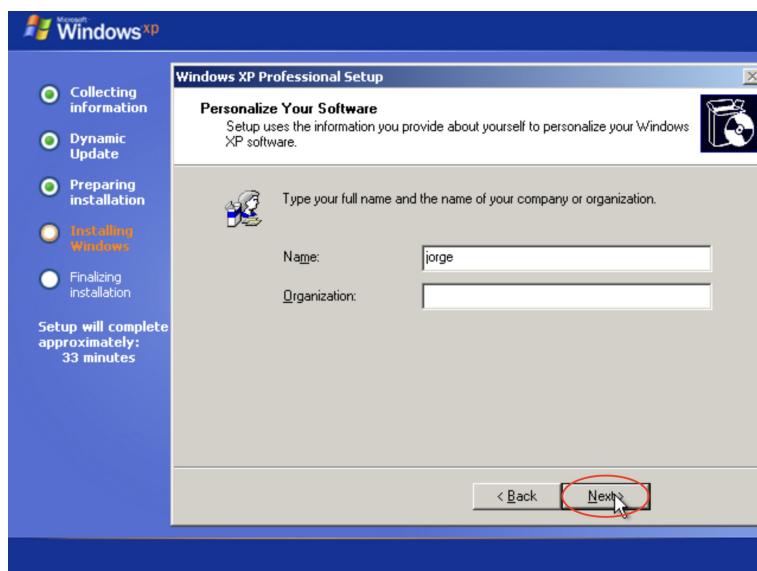
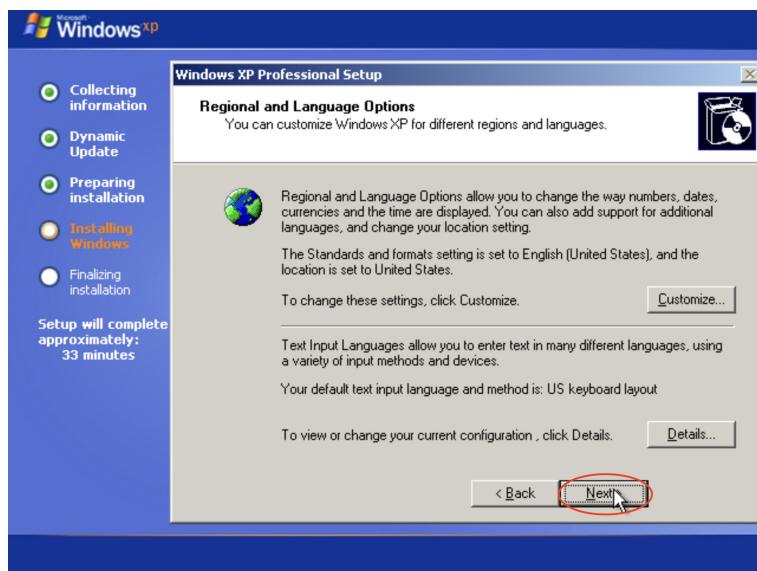
The disk is formatted, and the files are copied.



The system restarts, and we see that the installation completes.

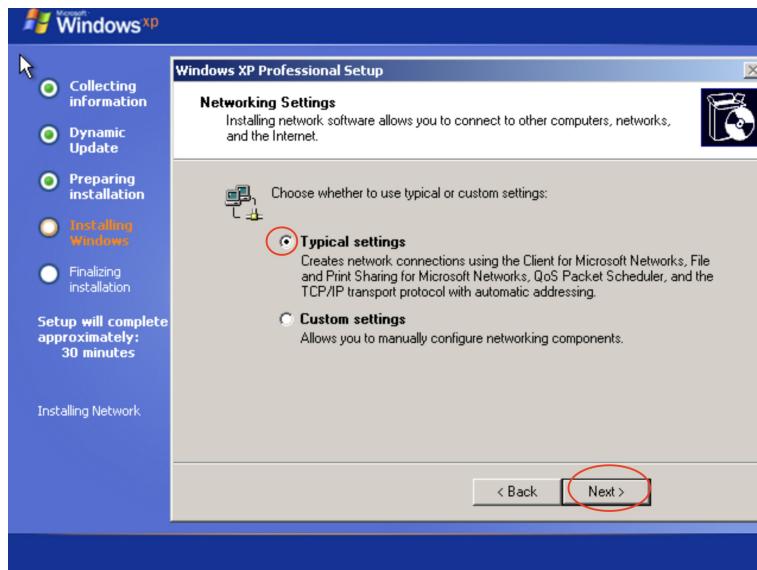
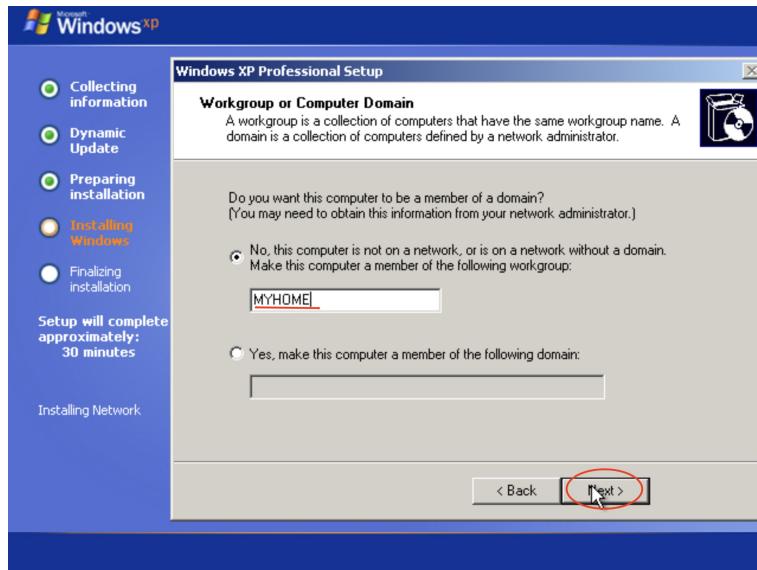


a

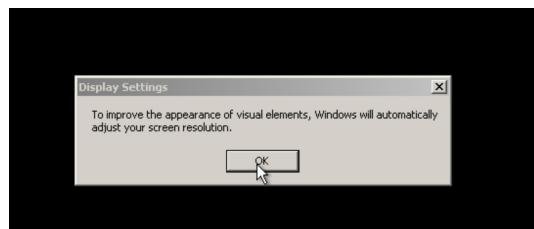


→ **Next**, → **Next**,

We enter whatever we want, then click → **Next**.



The system restarts, and a message appears where Windows will automatically adjust the screen resolution → **OK**.



In the next message → **OK**.



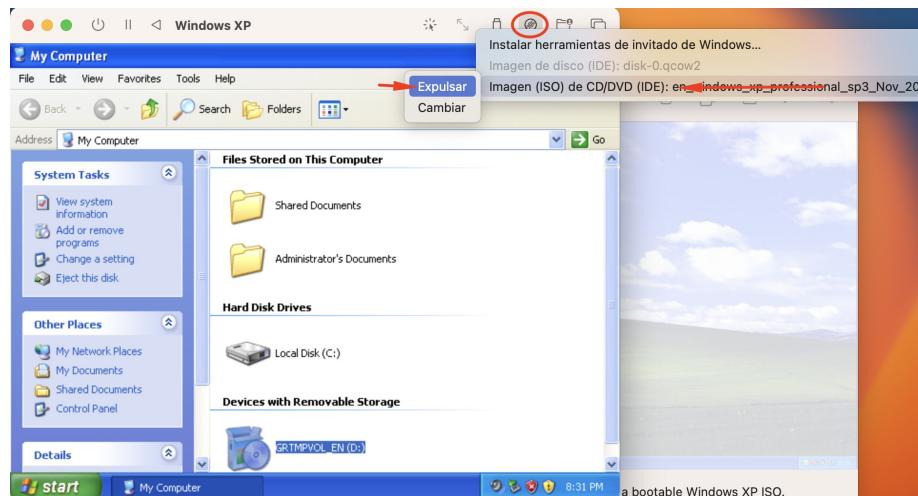
Don't worry about these things; they can be changed later.

Another installation screen appears, and we wait for it to finish.

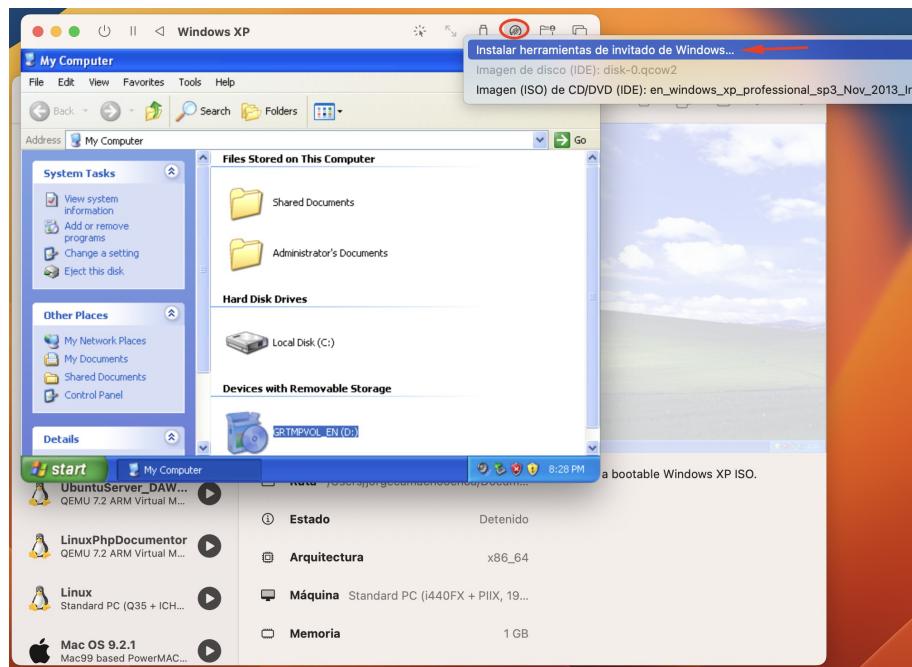


And now we see that it has started. Now, let's install **spice-guest-tools** for better interaction between the virtual machine and UTM.

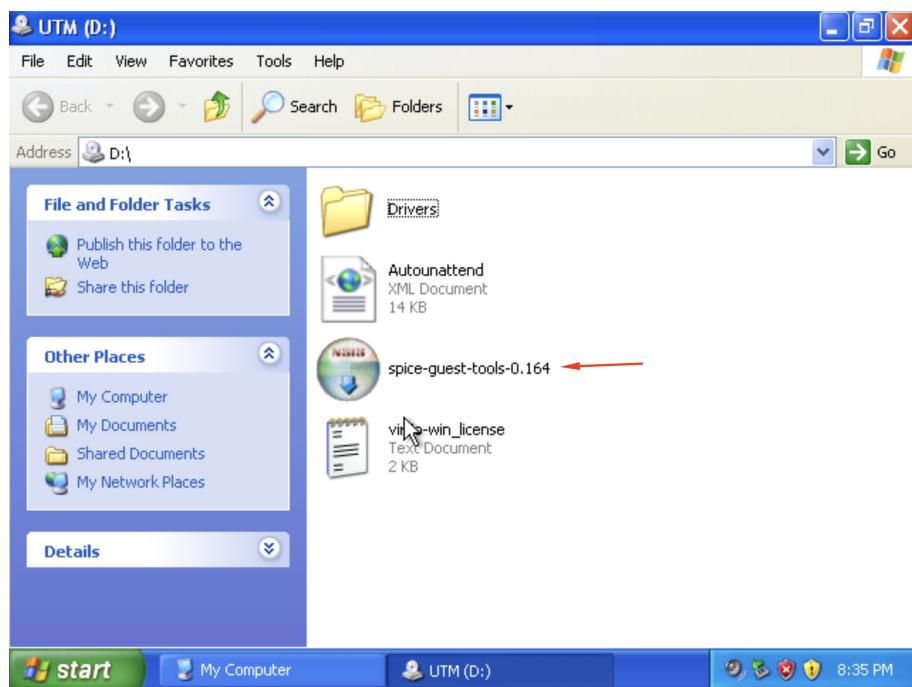
First, we need to eject the installation disk. To do this, click the disk icon, select the .iso image file, and click **Eject**.



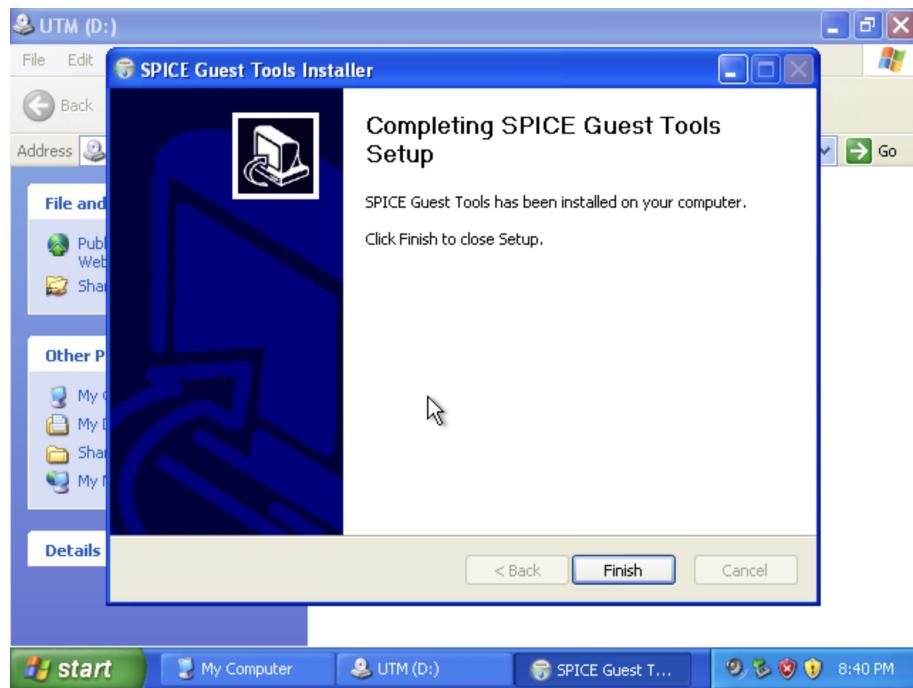
We go back to the disk icon, and once clicked, we choose the **Install Windows Guest Tools** menu.



And we see that the disk has been loaded → click on **spice-guest-tools**.



We click **Next** on everything and accept all prompts.

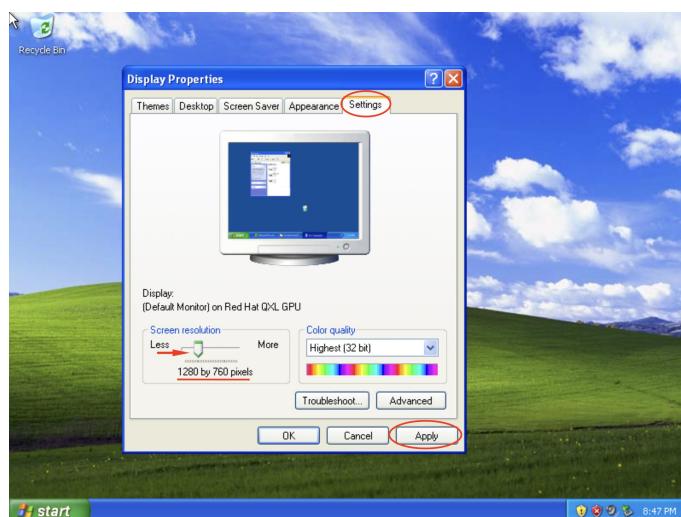


We restart the virtual machine from → **Start** → **Turn Off Computer** → **Restart**.

Now, anywhere on the desktop, right-click and select → **Properties**.



And from the **Display Properties** window → **Settings** tab → we move to the resolution **1280 x 760** → **Apply**.



And now it is adjusted to our screen.



When we go to install the Windows guest tools (CD icon in the top right window), even though we install them, the file-sharing folder between our Mac and the virtual machine won't work. This is because it's an outdated operating system, and not all drivers work well. Copy and paste between the two machines also won't work.

But we have two solutions. One is to use a USB drive between the two machines (instructions can be found in the blog under "Sharing Folder").

Compatible Browser for Windows XP:

Sorry for the Internet Explorer nostalgics, but the one that comes with the installation doesn't allow you to connect to almost any page.

That's why we need to use another browser if we want to browse the internet.

There are several browsers compatible with Windows XP, such as Opera, a version of Firefox, and others.

I've tried several, and the one that gave me the best results is the K-Meleon browser. It's open-source, lightweight, and runs smoothly (don't expect it to be fast; none of the ones I tried are, but this one is the least slow). Plus, it doesn't require installation.

It comes preconfigured with the DuckDuckGo search engine, which does the same thing as Google but with a little more privacy for us.