

SWG:PE BAREMETAL ALMALINUX 8.6 **& SWG SERVER SETUP GUIDE**

In this guide we will install a AlmaLinux 8.6 OS and compile a SWG server using the methods from other guides.

**DO OR
DO NOT.
THERE IS
NO TRY.**

Yoda.



Disclaimer:

I DO NOT CLAIM ANY OF THE CONTENT IN THIS GUIDE !

That right belongs to the original content creators.

I only rewrote it from my perspective.

All credits are mentioned on Page #1 of the enclosed guide.

Guide Reimagined By
SWG:PE Dev.ForsakenReaper

This guide came from learning how to setup baremetal machine based on the guide from Tekohswg that was modified by RezecNoble (source:<https://github.com/SWGEvolve/swg-prepare>). Some information in this guide came from this original document. All credits go to them for the information ive used to make this guide. Im only translating this into a new indepth guide for the almalinux 8.6 machine setup part of that guide from start to finish.

TY to Tekohswg & RezecNoble along with the SWGSource community (<https://discord.gg/YyqABFJYnR>) for all your knowledge that goes into this guide.

Preperation: For Baremetal Install.

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- I Assuming you have your machine ready to install a Linux OS (Operating System) .
 - Assembly of the preperation for this server was done from Windows 11 Home 64bit to a HP DL360p gen8
 - Rackmount.
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(1) Download AlmaLinux 8.6 from https://mirrors.almalinux.org/isos/x86_64/8.6.html

- Choose a mirror then select (AlmaLinux-8.6-x86_64-dvd.iso) link.
- You will begin to download AlmaLinux-8.6-x86_64-dvd.iso to where ever you set your browser to download files to.

(2) Download Rufus 3.21 from <https://rufus.ie/en/>

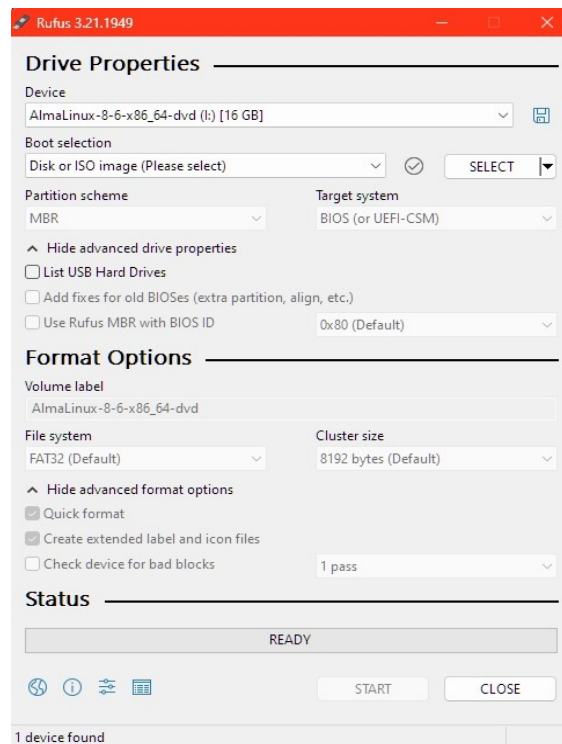
- You will begin to download rufus-3.21.exe to where ever you set your browser to download files to.
- This is the tool I use to make a bootable/mountable usbdrive to install OS's.
- You may replace this step with your tool of choice but due to the Vastness of tools used to burn iso's
- I will only be covering Rufus in this tutorial.

(3) Insert A USB Drive of no less than 16GB.

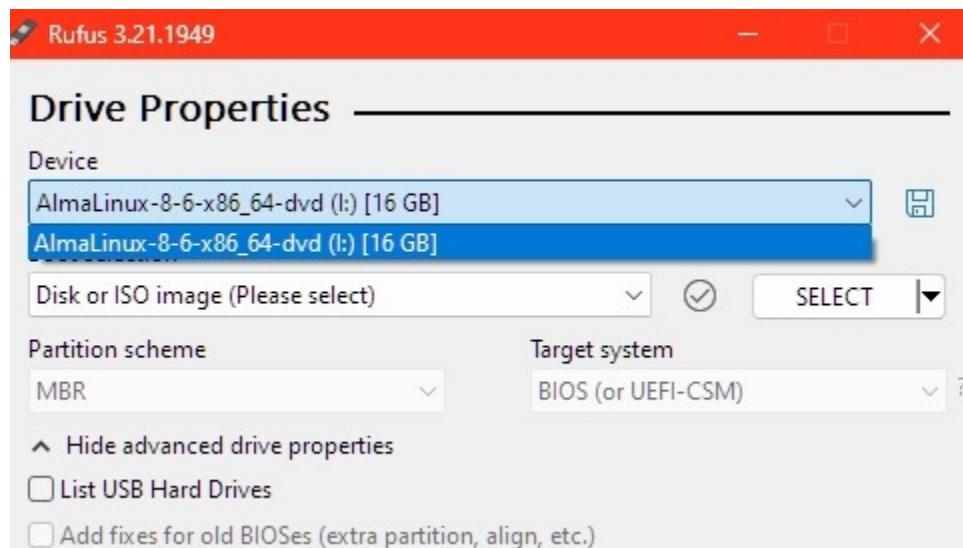
Installing Rufus:

(4) Right Click on the rufus-3.21.exe and Run As Administrator.

- A UAC (User Account Control) window will pop up and ask Do you want to allow this app to make changes to your device ?
- Choose yes and now rufus will open up.

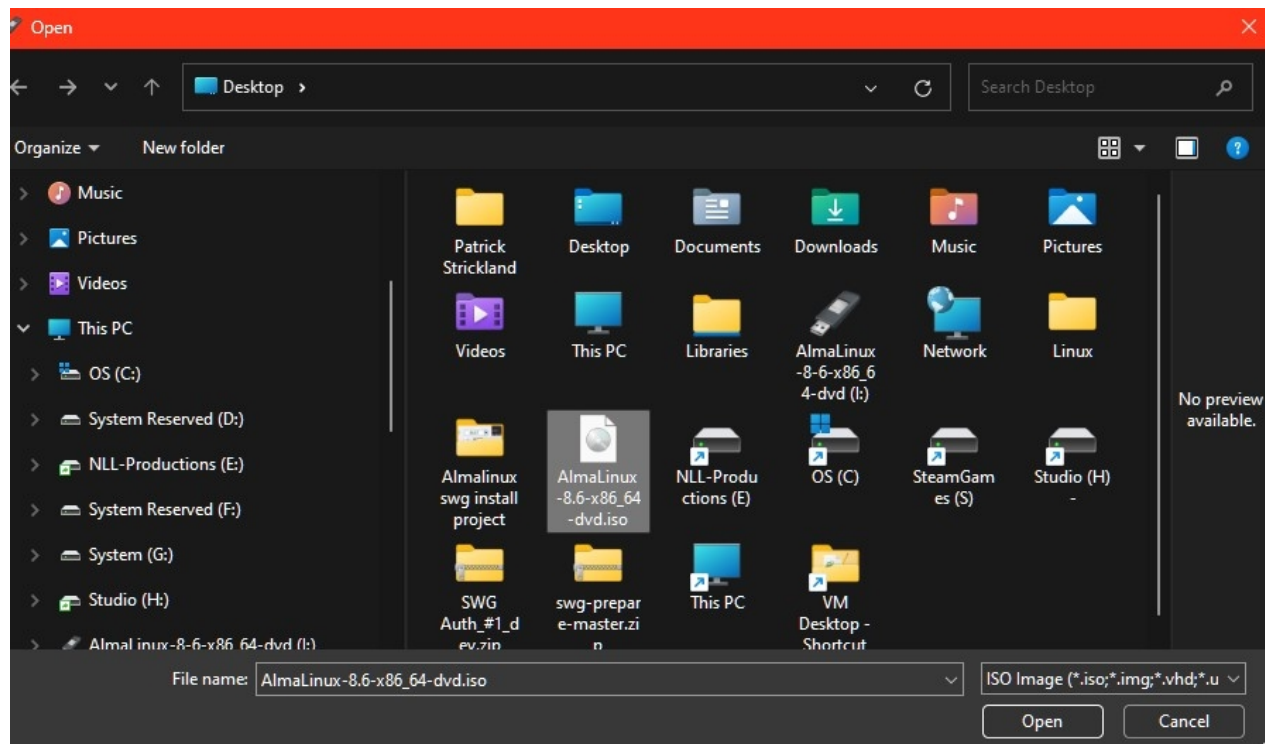
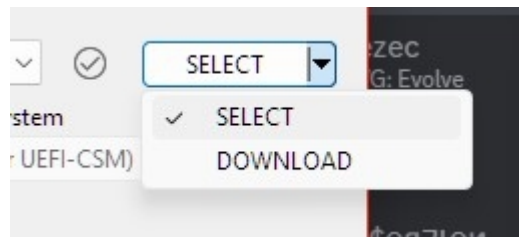


(5) Make sure you have your USB drive selected in drop down menu under DEVICE.

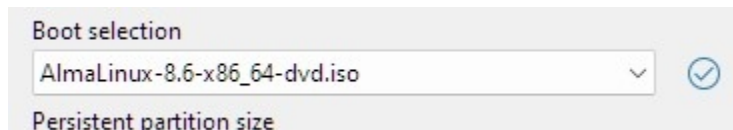


(6) Under (Boot selection) make sure you have (Disk or ISO image) selected.

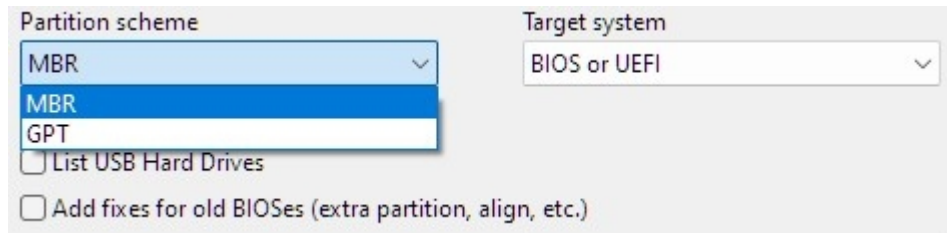
(7) Next click on the (SELECT) box and navigate to you Almalinux Iso(AlmaLinux-8.6-x86_64-dvd.iso) you downloaded earlier.



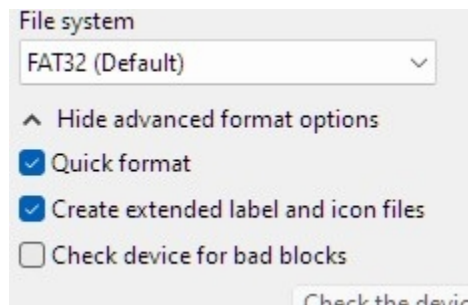
(8) You should now see AlmaLinux-8.6-x86_64-dvd.iso in the (Boot selection) window.



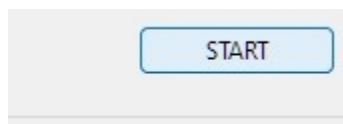
(9) We now want to look under (Partition scheme) and set the partition to (MBR) and (Target system) to (BIOS or UEFI).



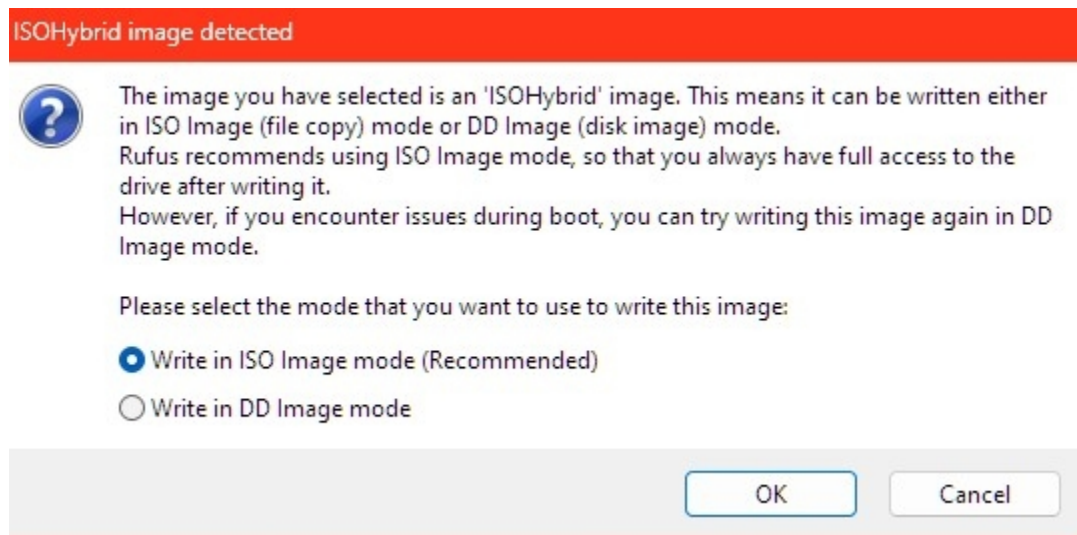
(10) Under (Format Options) Section we want to change (File system) to (FAT32) and make sure (Quick format) checkbox is selected, and the (Create extended label and icon files) checkbox is selected.



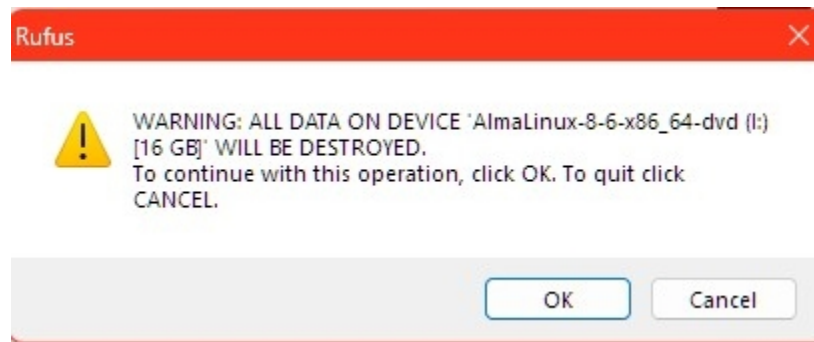
(11) Next click on (START) at the bottom.



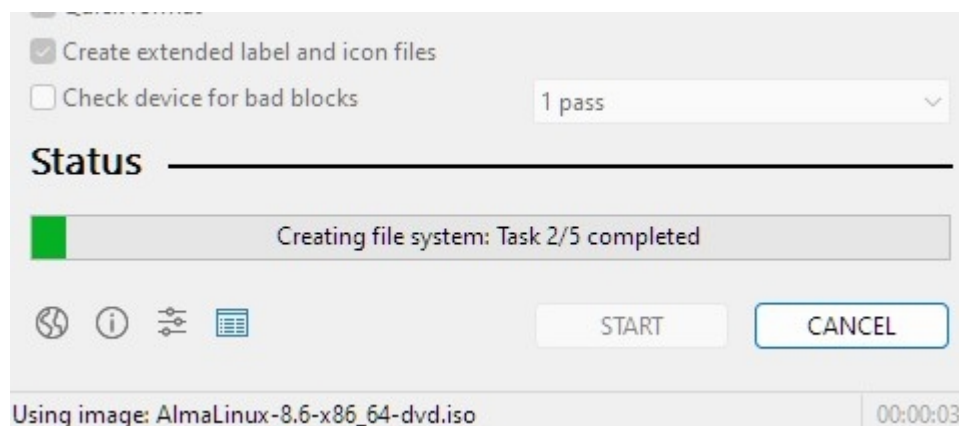
(12) A window will pop up asking which mode you want to use to write the image. Select (Write in ISO Image mode), and click (OK) .



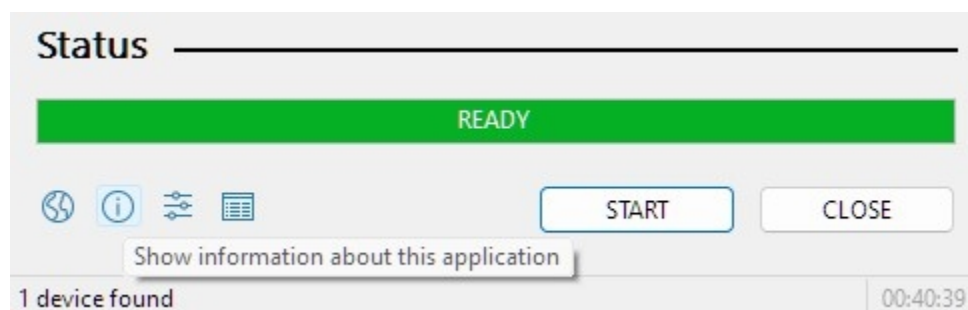
(13) Another window will pop up asking if you want to erase all data on the usb drive click (OK).



(14) Rufus will now start copying your AlmaLinux OS onto the USB Drive. This process take a while to complete and is very slow so be patient... mine takes around 30 mins on a 10th gen intel with 48GB ram to give you any idea.



(15) When its finished ... it will say (READY) in the green bar at the bottom of Rufus.



(16) We are now ready to start our install of AlmaLinux 8.6 onto our hHP DL360p GEN 8. If you know how to install linux you may skip this part just make sure you install with user (swg) and any password you choose make it secure !

- We will meet you at Step (23). Most builds are similar except the rackmount part but for the purpose of this guide we will be showing our build on our rackmount.

- (17) Take Out USB stick and place into you Host Machine in which you will install the OS with the machine off.
Turn on your machine and acces the boot menu for your type of machine to manualy boot from the USB drive ...

Note: *Some machines automatically boot from a usb drive .If you know yours does this automatically then you don't have to Manually use the boot menu.*

INSTALLING ALMALINUX 8.6 ON YOUR HOST MACHINE :

- (18) After you power on your machine.You will need to grab the boot menu option if you have one and boot your USB drive.