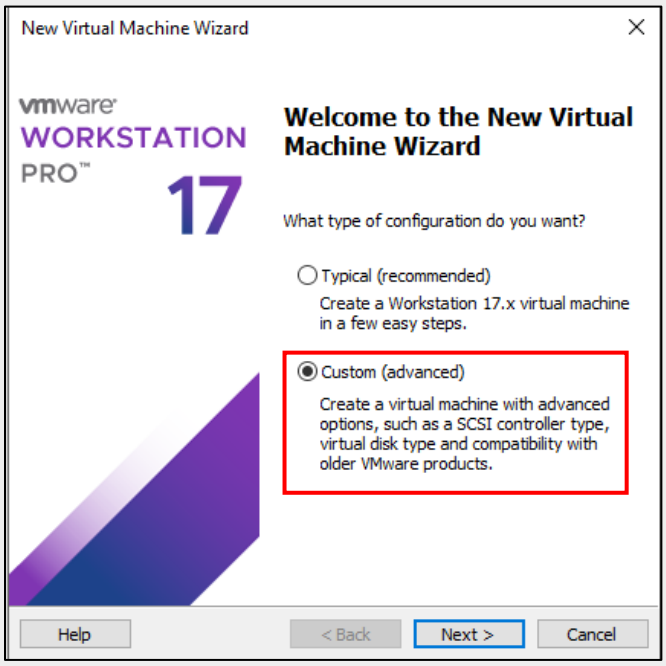
Step 1 – Virtual Machine Creation

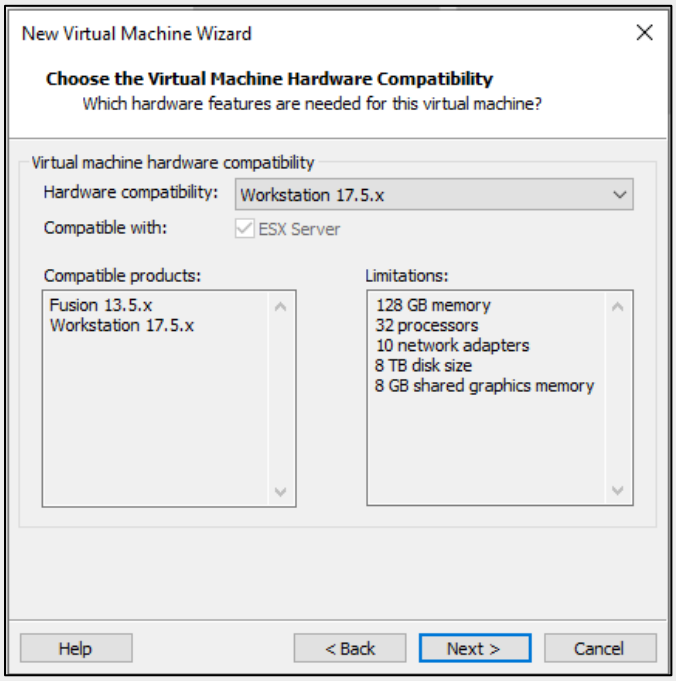
1. Download the **AlmaLinux 9.5 iso image** using this link:

   https://repo.almalinux.org/almalinux/9.5/isos/x86_64/AlmaLinux-9.5-x86_64-dvd.iso

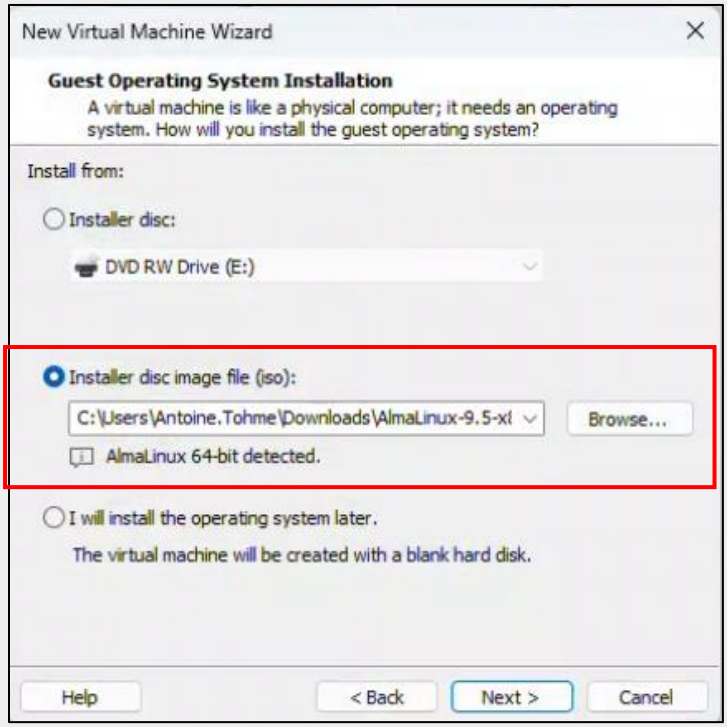
2. Once the **ISO** is fully downloaded, open **VMWare Workstation.**
3. Start **Creating a new VM** → Select a **Custom (advanced)** and click **Next**.



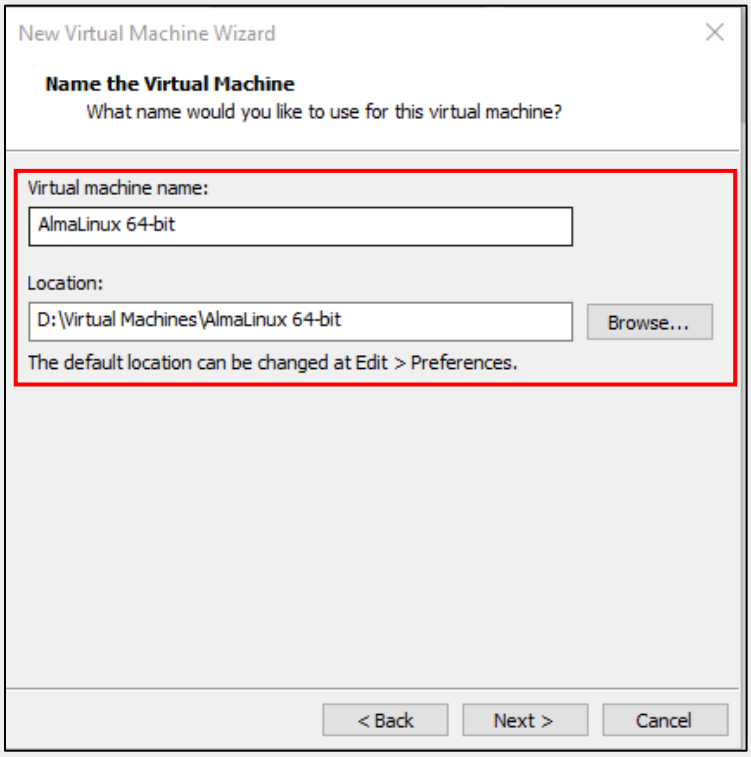
4. On the next page, keep the defaults and click **Next**.



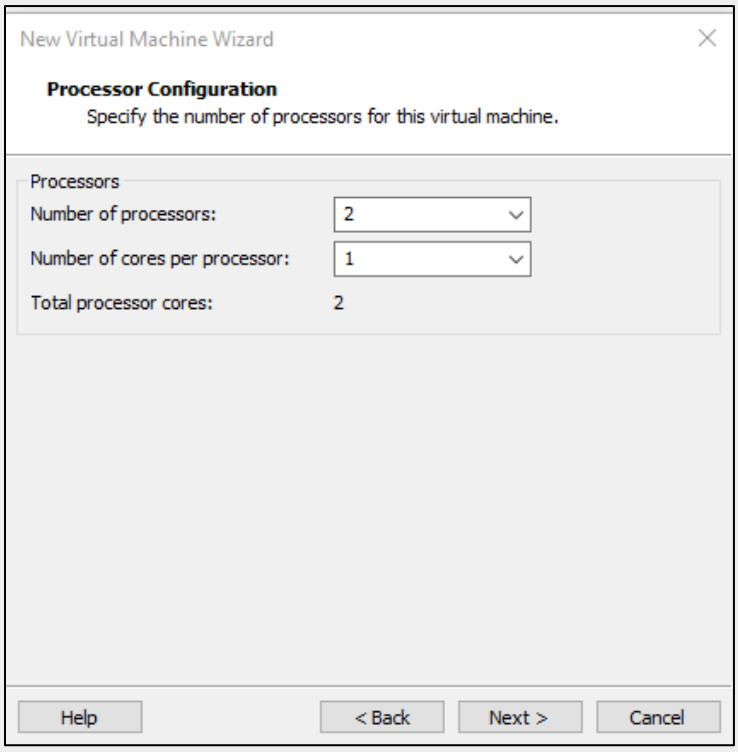
5. Select **Install disk Image File (iso)**. Browse to select the ISO file you just downloaded, then click on **Next**.



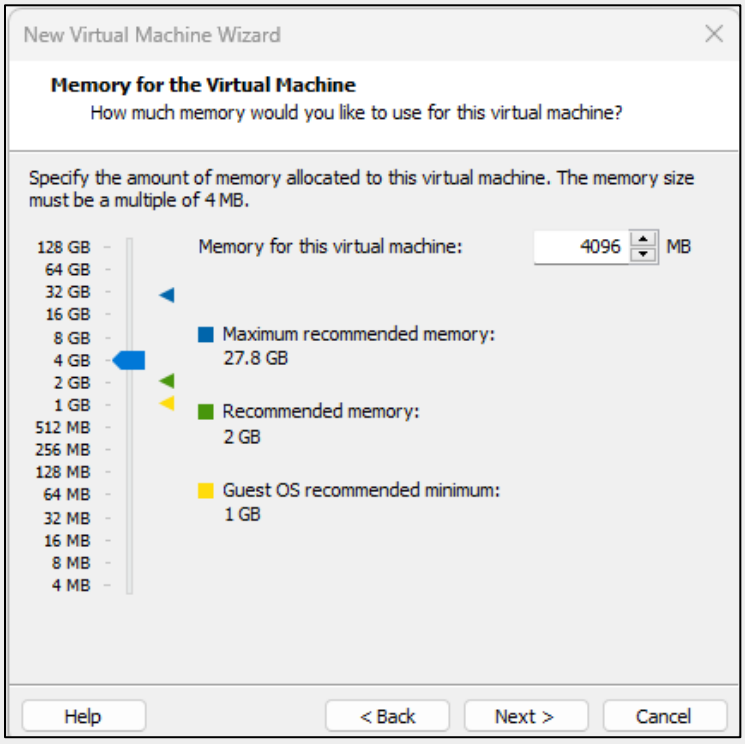
6. On the next page, keep the defaults and click **Next**.



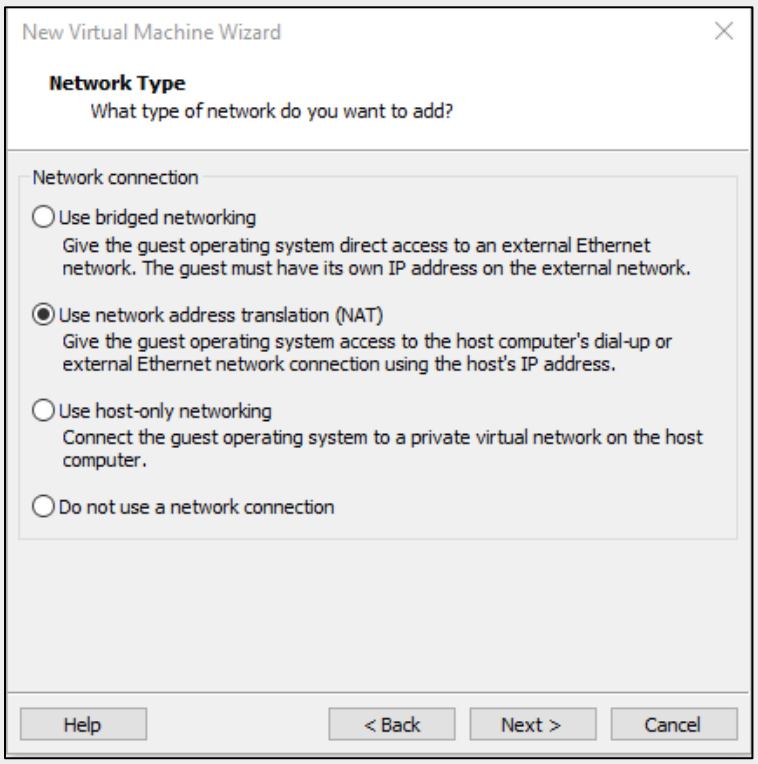
7. On the next page, keep the defaults and click **Next**.



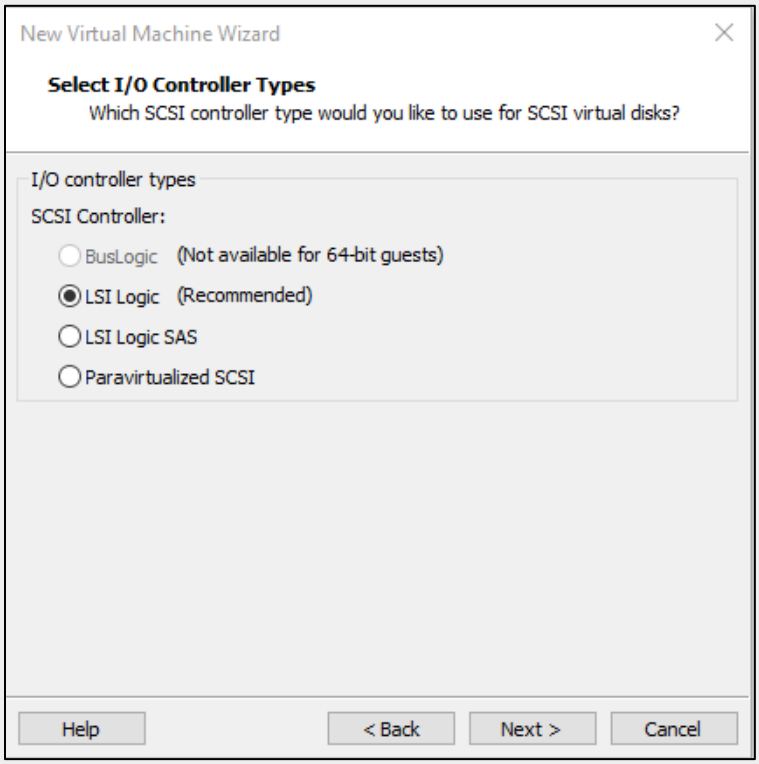
8. On the next page, select **4 GB** and click **Next**.



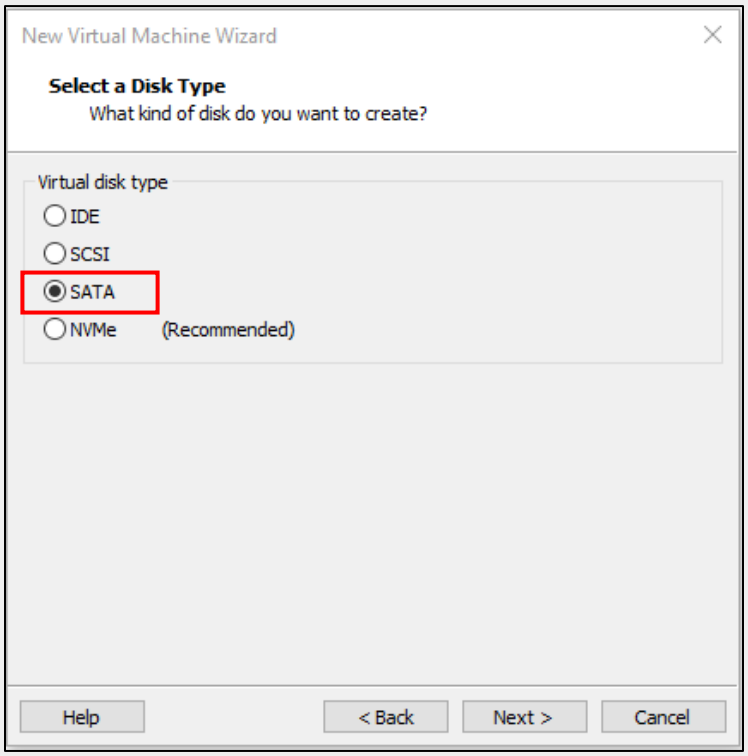
9. On the next page, keep the defaults and click **Next**.



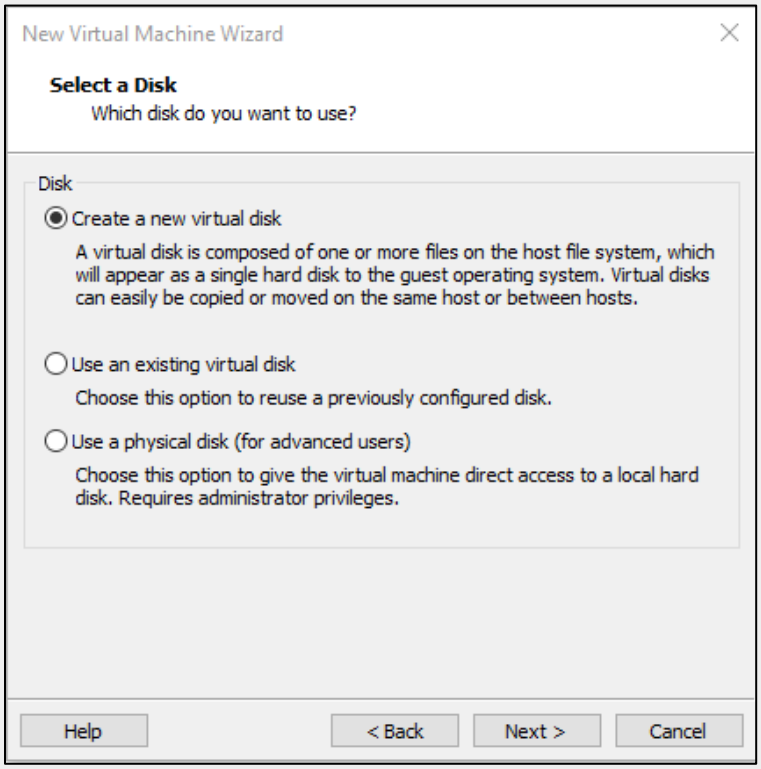
10. On the next page, keep the defaults and click **Next**.



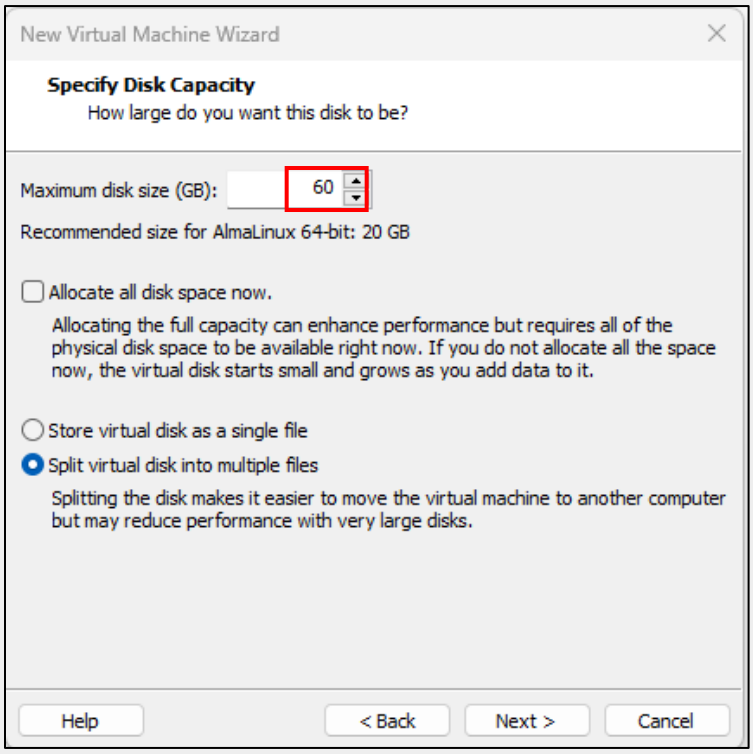
11. Select the **SATA** disk type, and then click **Next.**



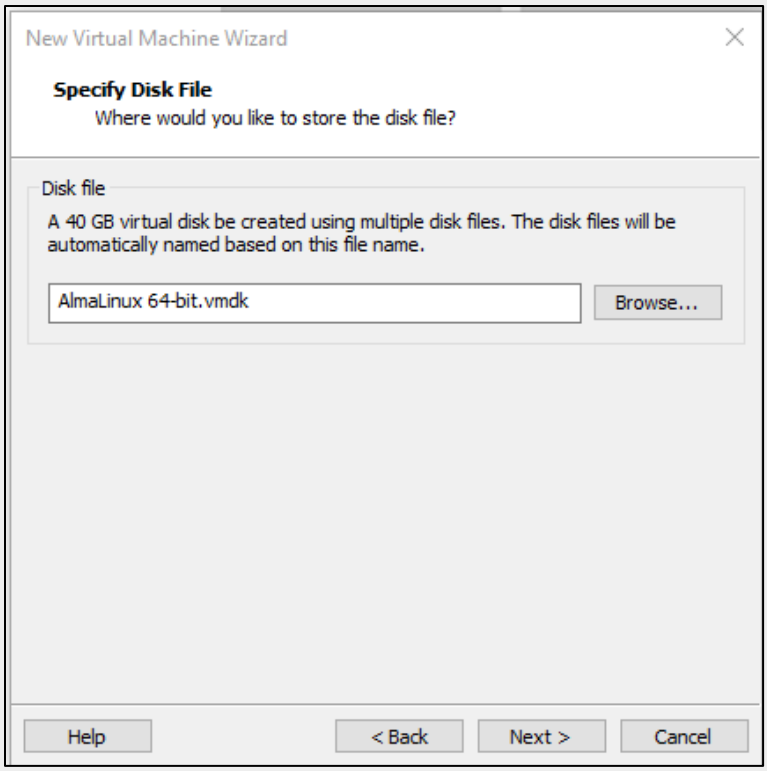
12. On the next page, keep the defaults and click **Next**.



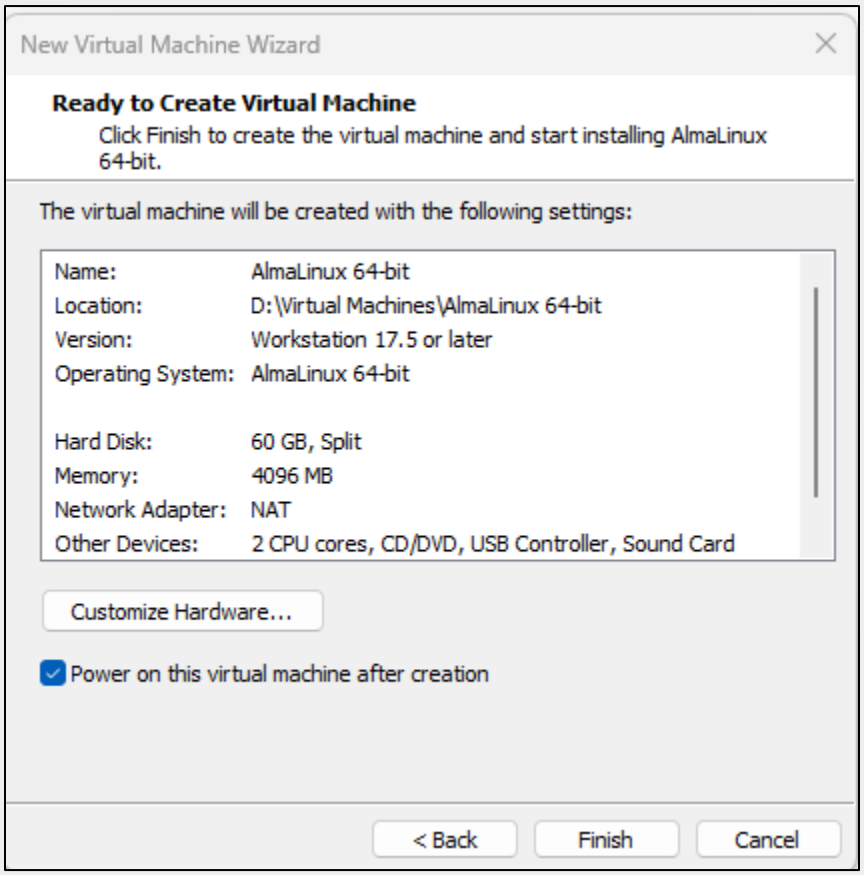
13. Select **60 GB** disk size, and then click **Next**.



14. On the next page, keep the default and click **Next**.

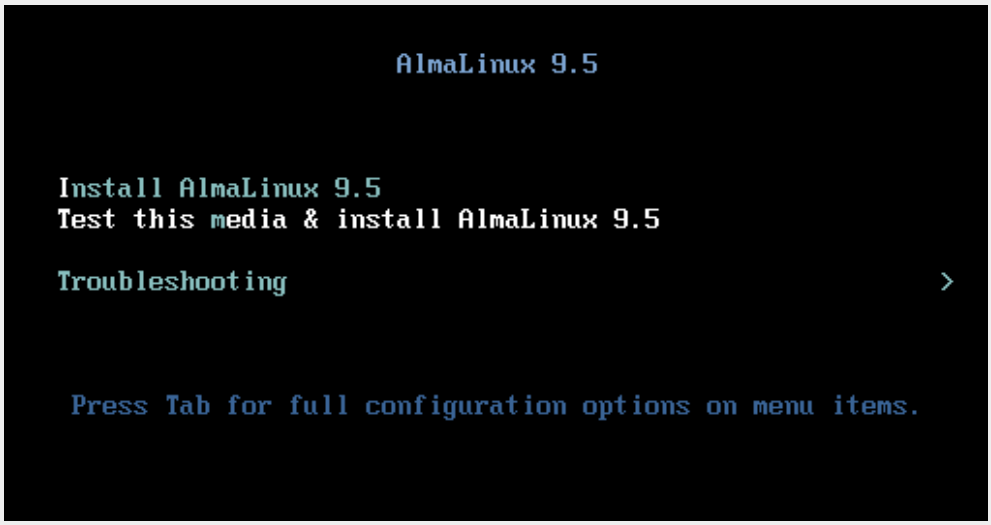


15. Check the virtual machine creation summary and then click **Finish**.

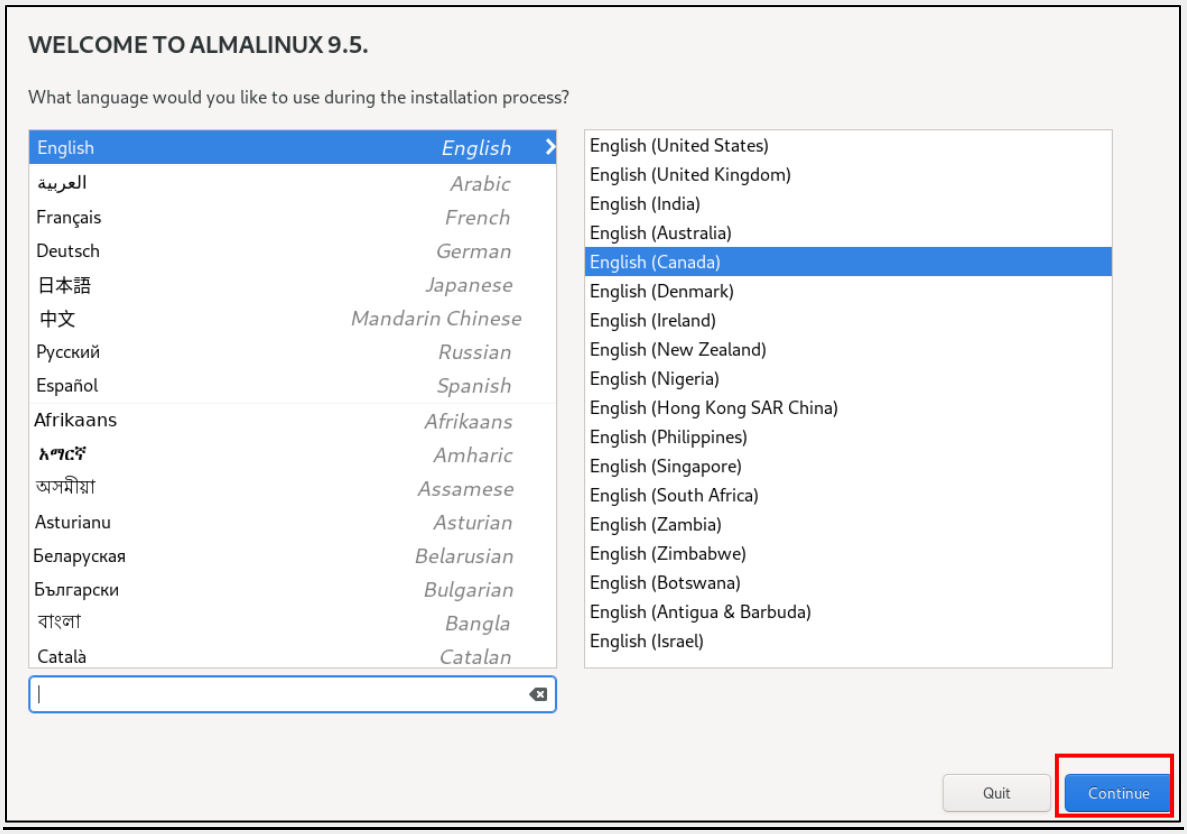


Step 2 – Installing AlmaLinux 9.5

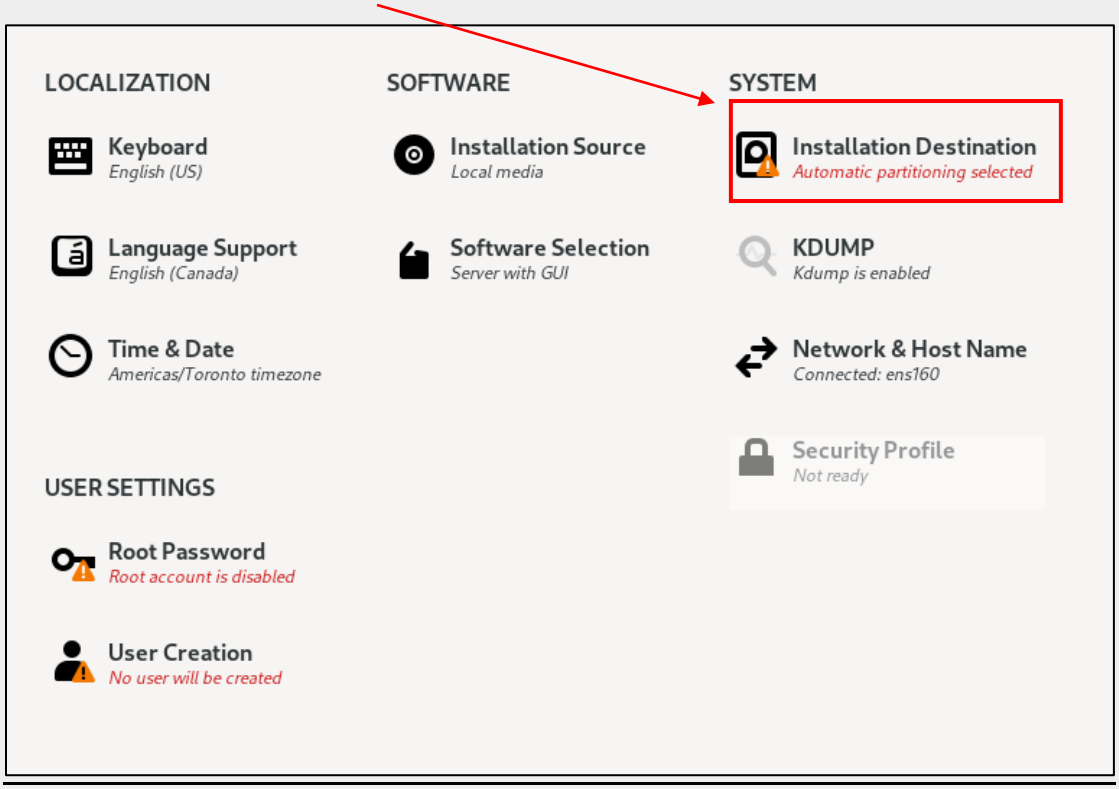
1. The new VM will start automatically.
2. Select **Install AlmaLinux 9.5** to begin installation.



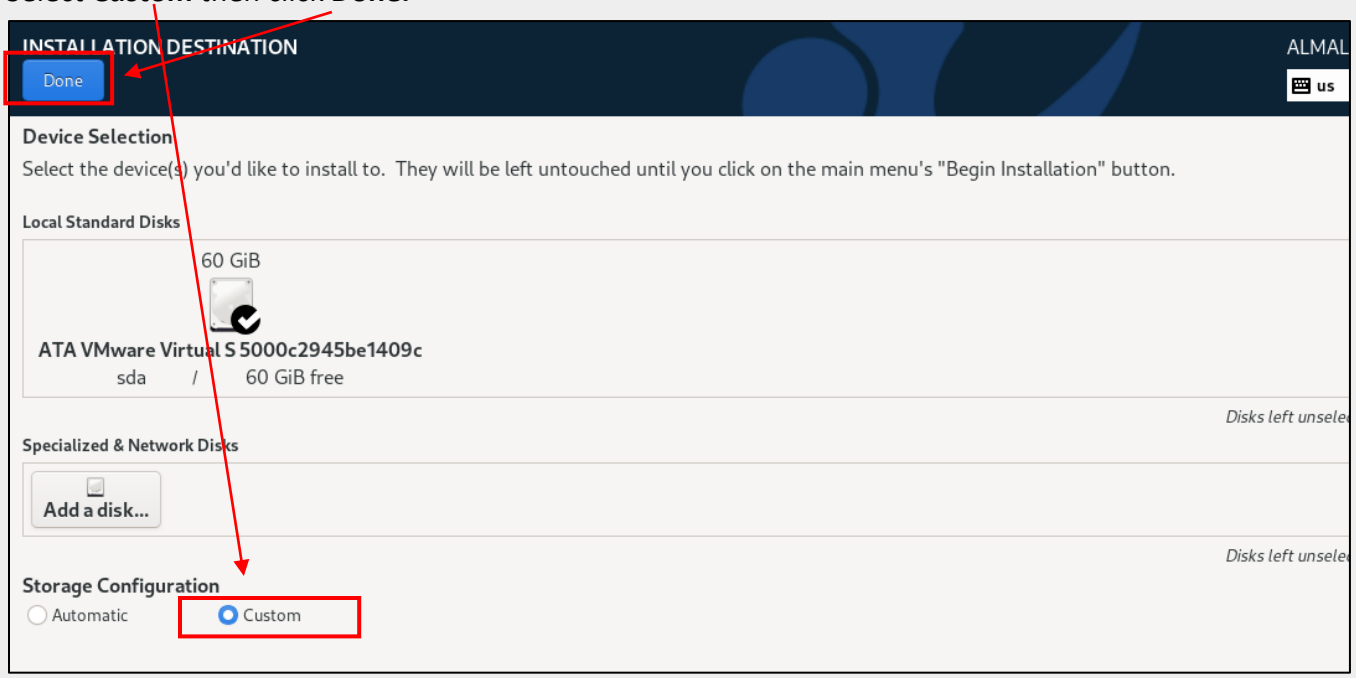
3. Keep the language **English** with **English (Canada)** as the keyboard and click **Continue**.



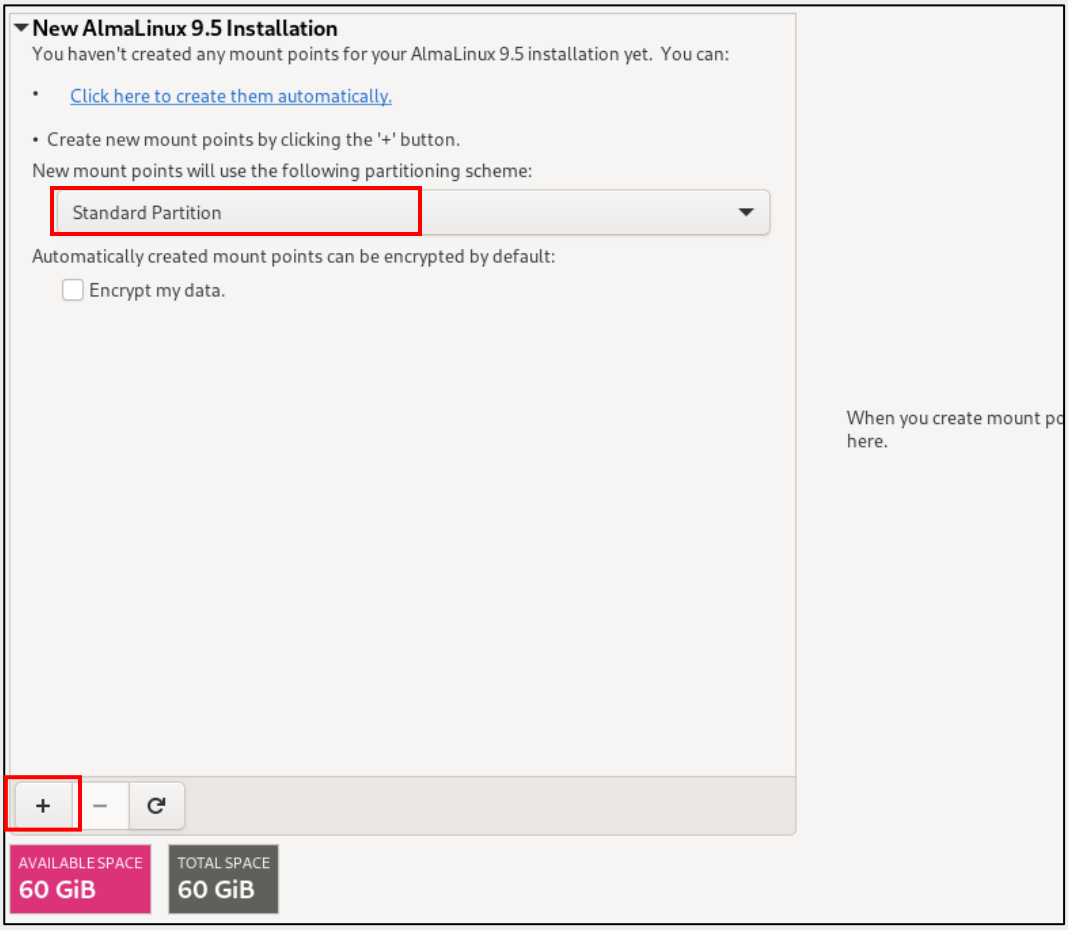
4. Click **Installation Destination.**



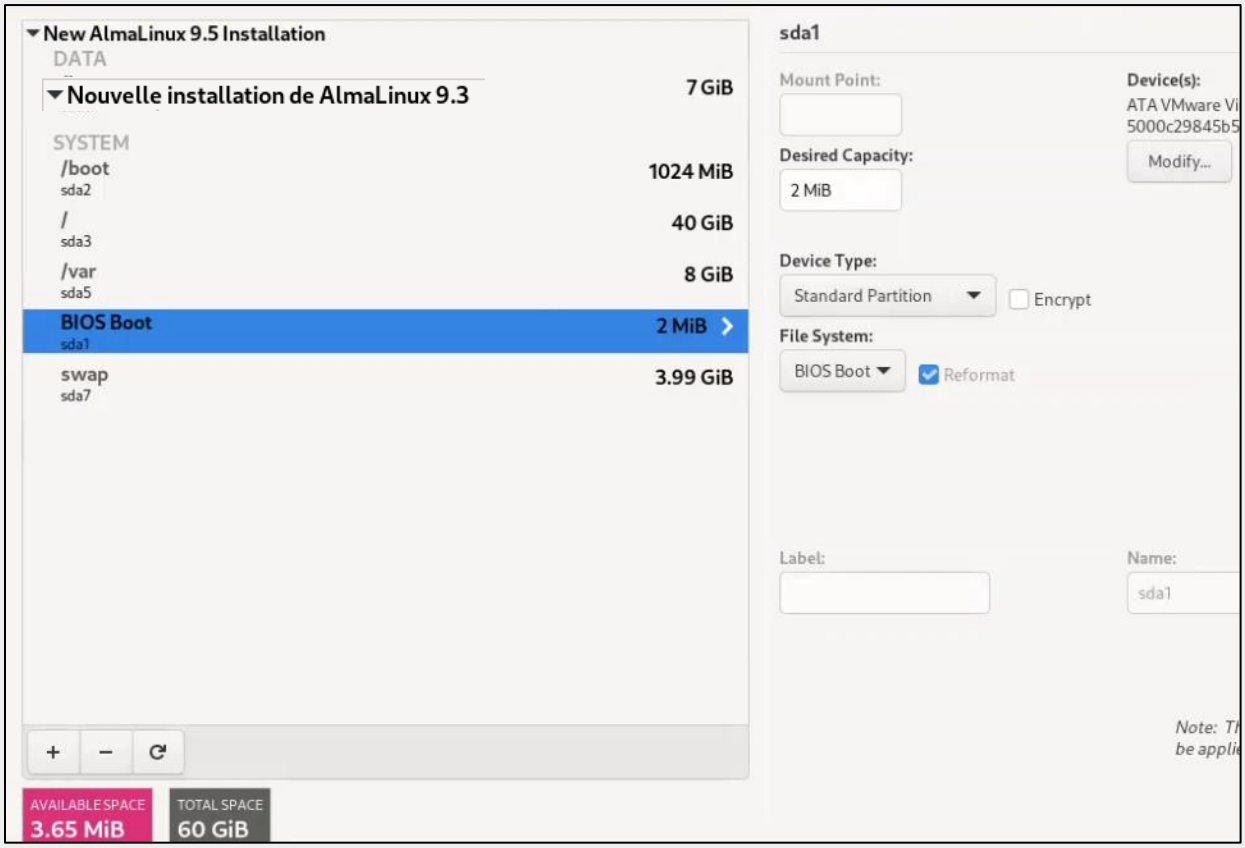
5. Select **Custom** then click **Done.**

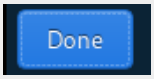


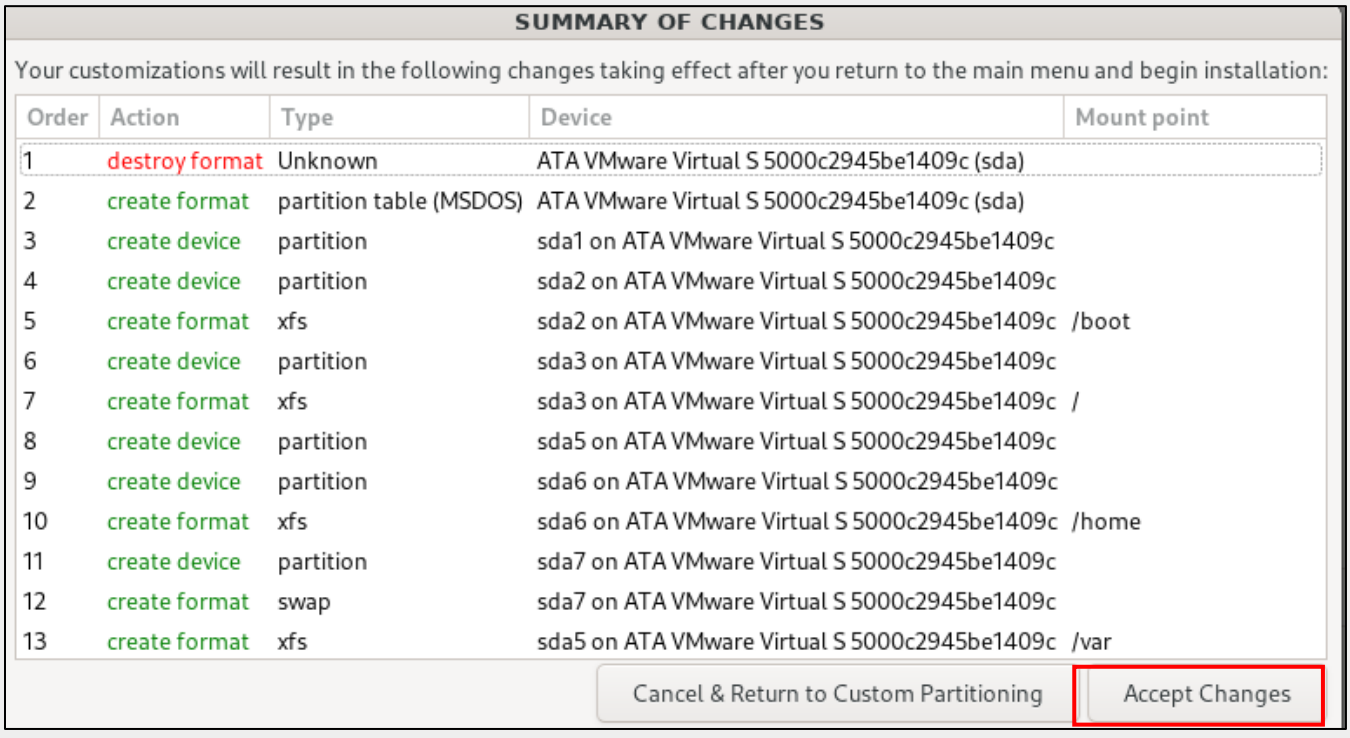
6. Select **Standard partition** and then click the **+** button to add a new partition.



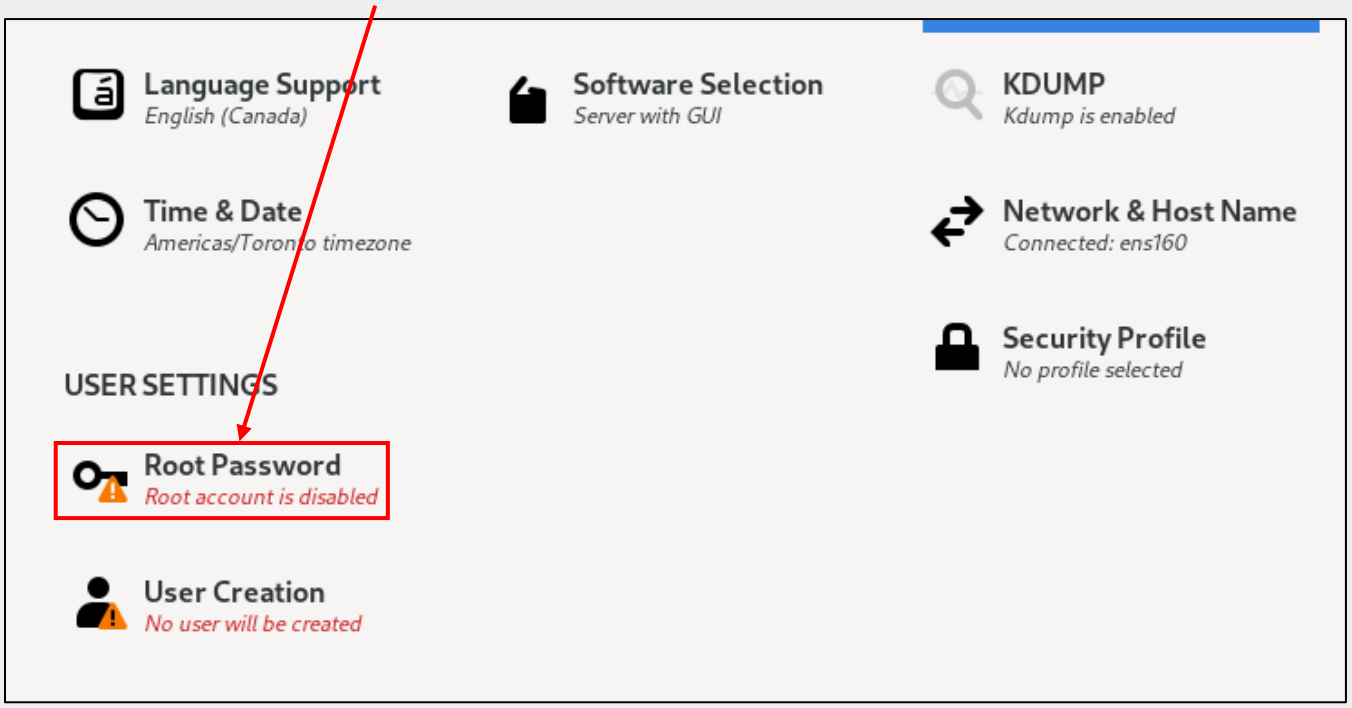
7. Create New **partitions** to get the following result:



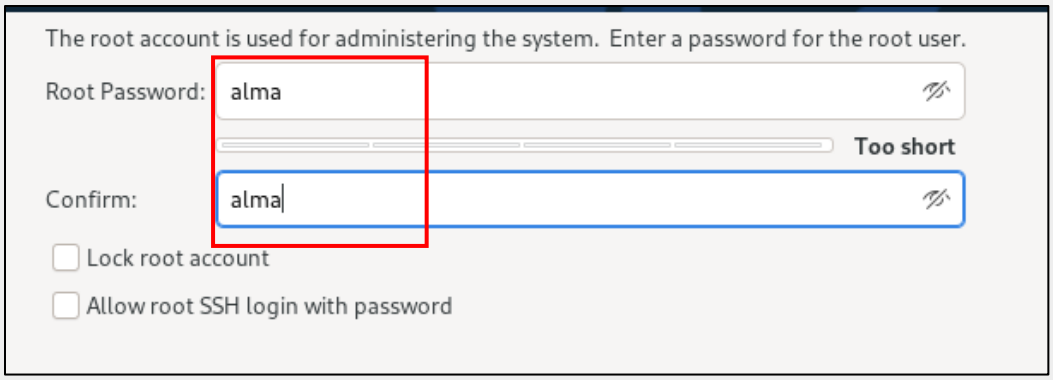
8. Once done click on  then **Accept Changes**



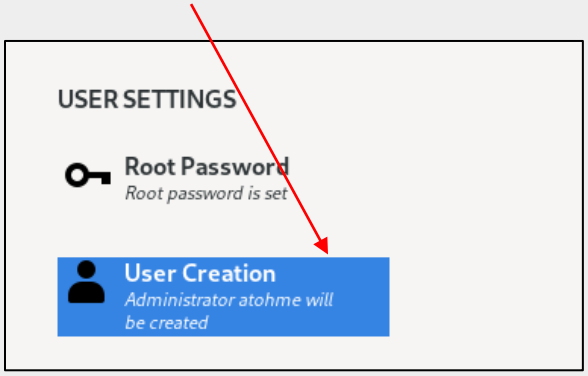
9. Click on **Root Password** below the **USER SETTINGS.**



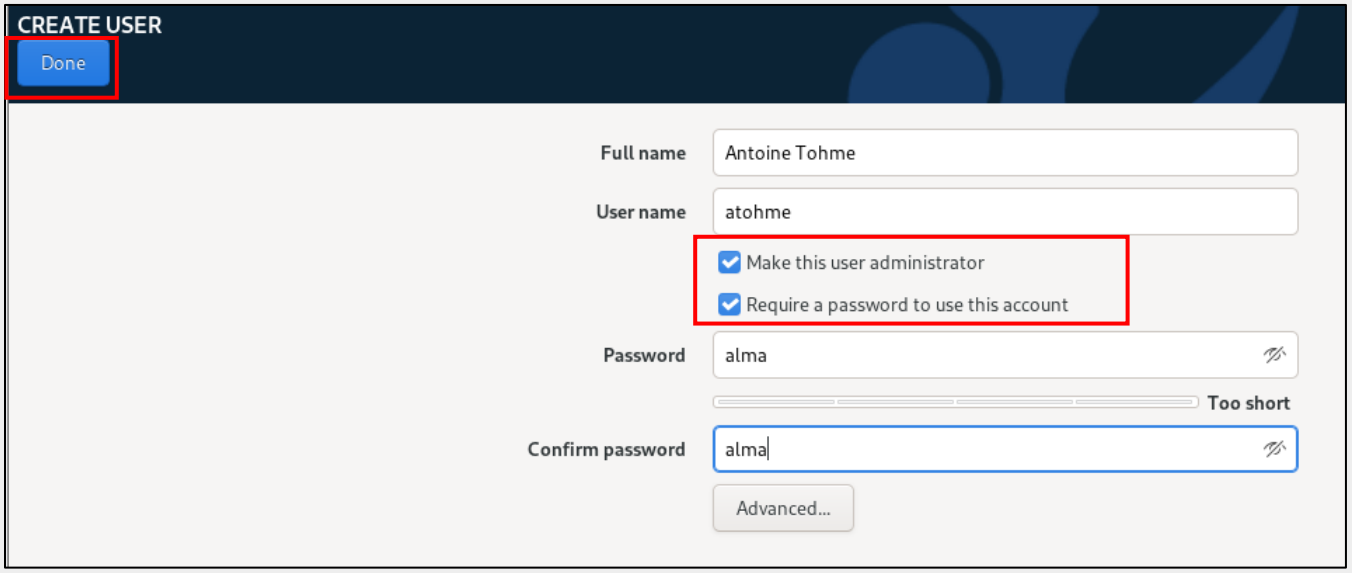
10. Enter **alma** as a password and confirm it, then **click twice on Done**.



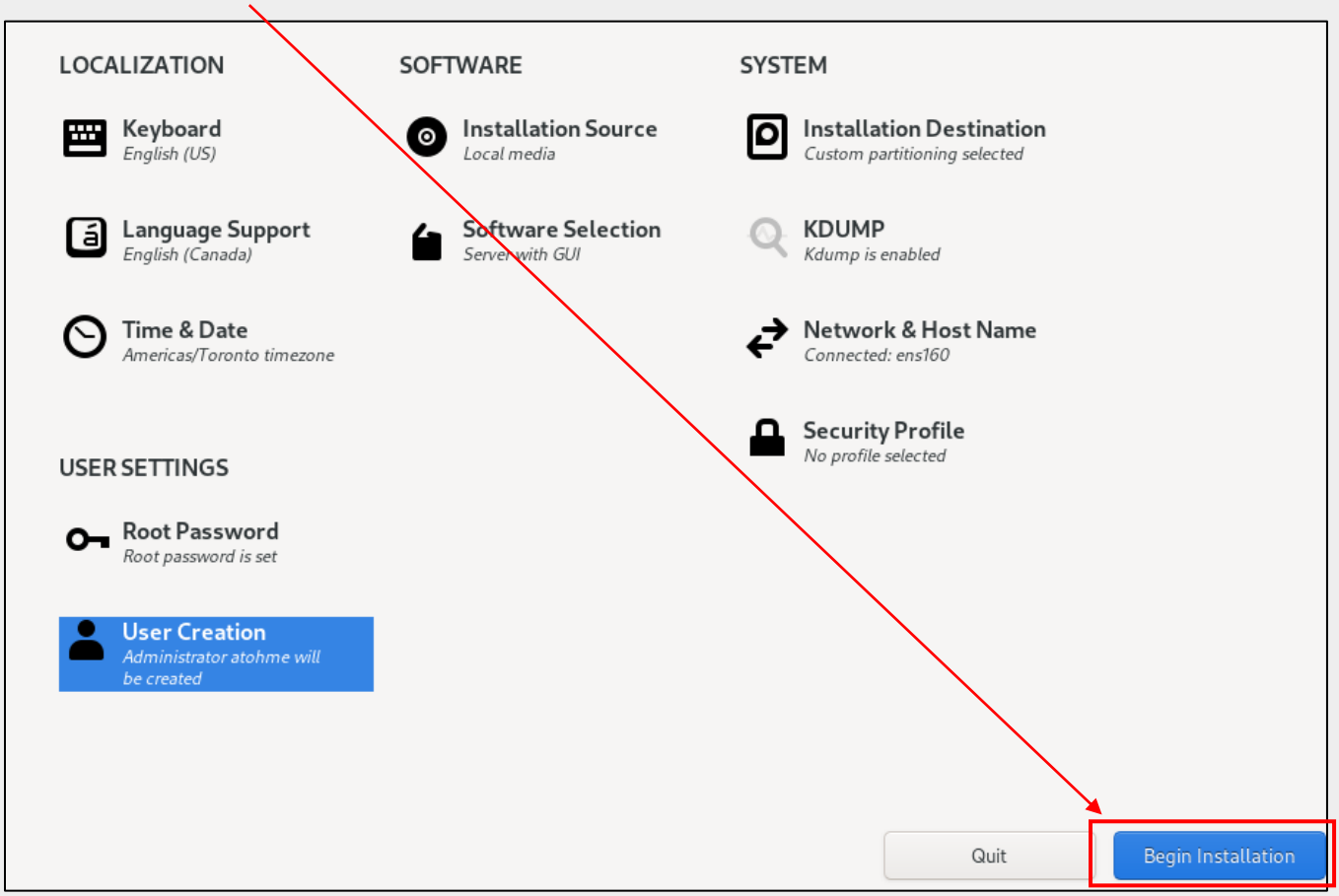
11. Click **User Creation** below the Root Password.



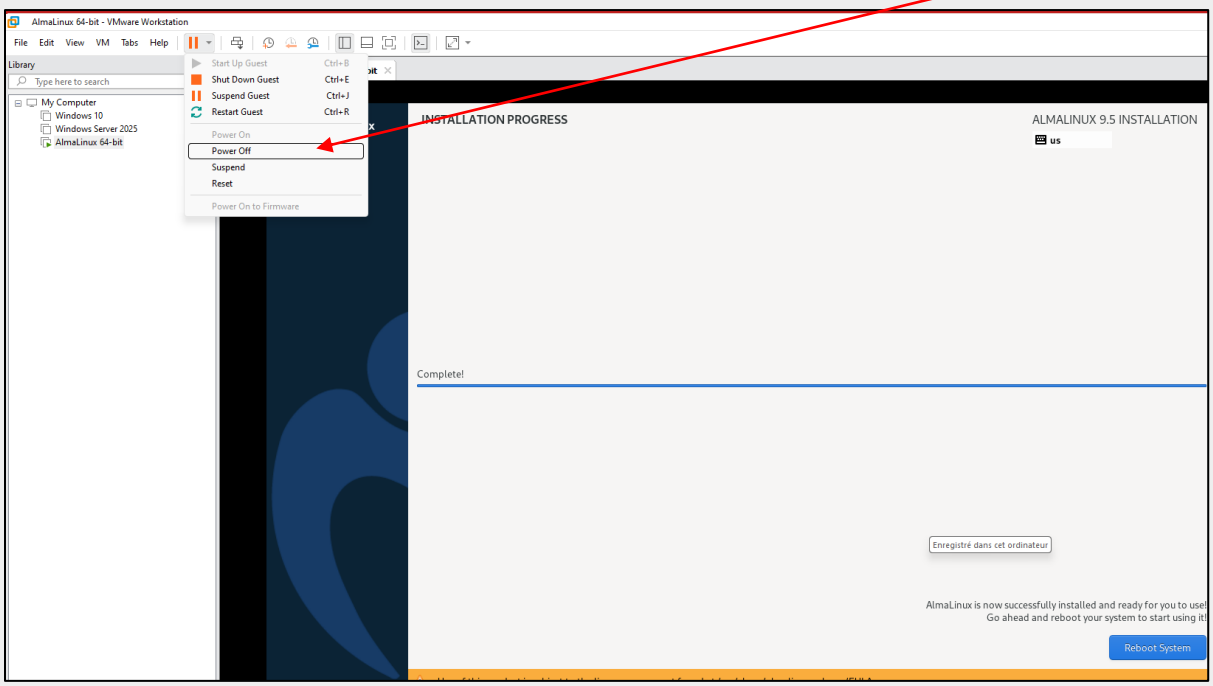
12. Enter **your username**. Use **alma** as a password and select **Make this user an administrator**, then **click twice on Done**.



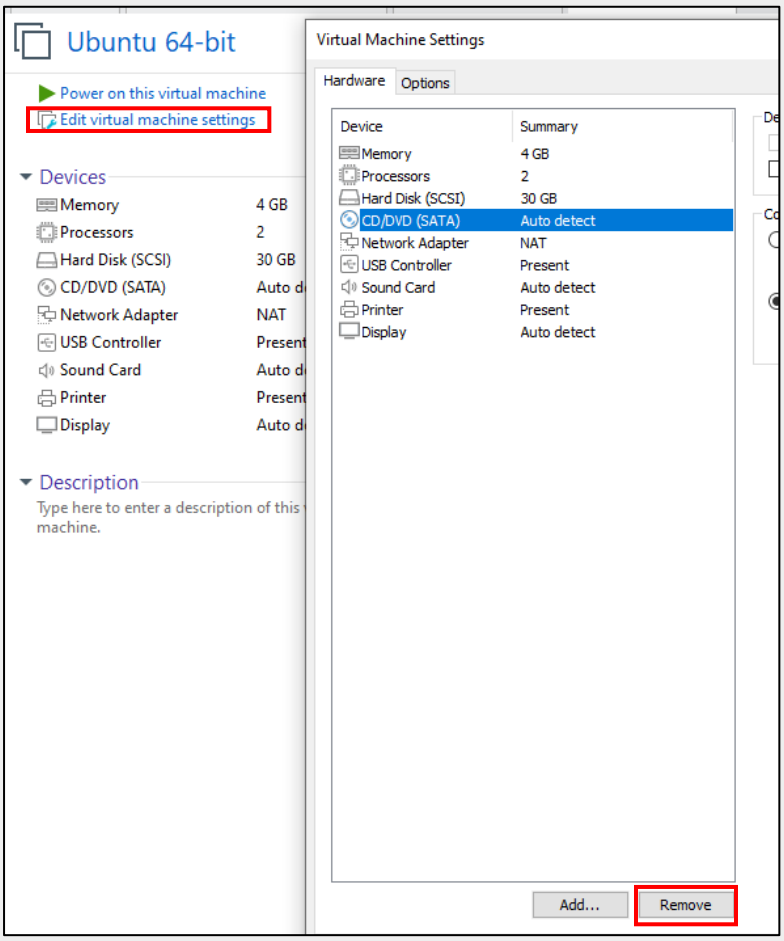
13. Click **Begin Installation.**



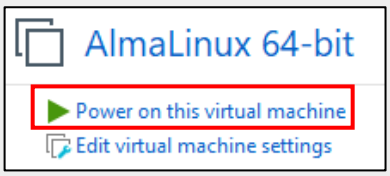
14. At the end of the installation, **do not click on Reboot System** just **Power Off the VM**.



15. Click on **Edit virtual machine settings** and **Remove CD/DVD (SATA).**



16. Click **OK** and **Power on** the VM.



17. Once started, log in using your user.
18. Open the **shell Terminal** and install the **epel-release** repository by running this command:

    sudo dnf install -y epel-release

19. Update the **kernel** and the rest of the **applications**, by running this command:

    sudo dnf -y update

20. Change the name of your server to **server*XX (XX is your remote computer number).*** Example for **server12**, run the command:

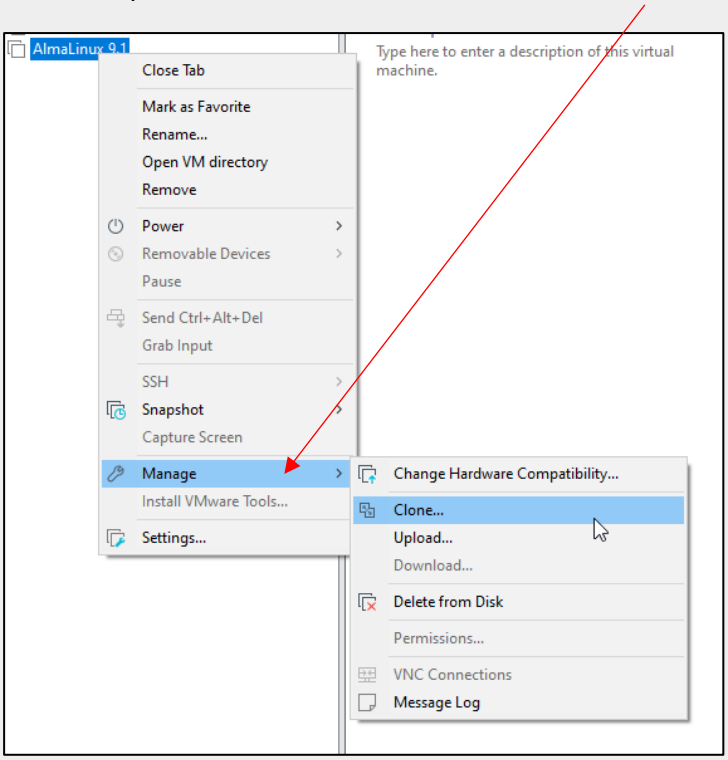
    sudo nmcli general hostname server12

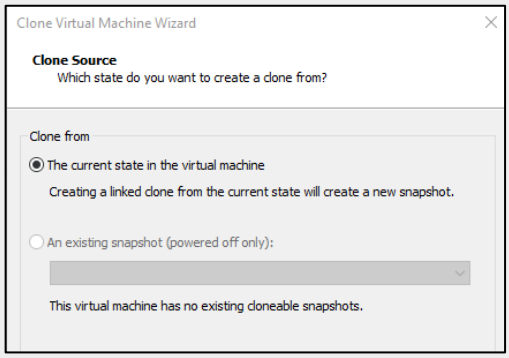
Validation:

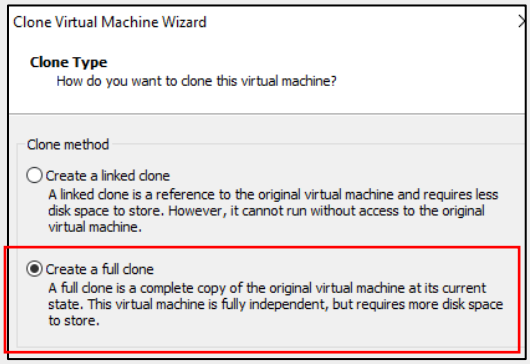
- Run the **lsblk -f** command to display the list of partitions, file system, mount point and size.

Take a screenshot of this command and place it in a Word document.

21. Stop the **AlmaLinux VM** and make a **full clone of the VM.**







22. Take also a **Snapshot** of the VM.