

3. Convert disk.raw to VMDK

This chapter will discuss how to take the extracted raw disk from the XVA file and convert it to a vmdk

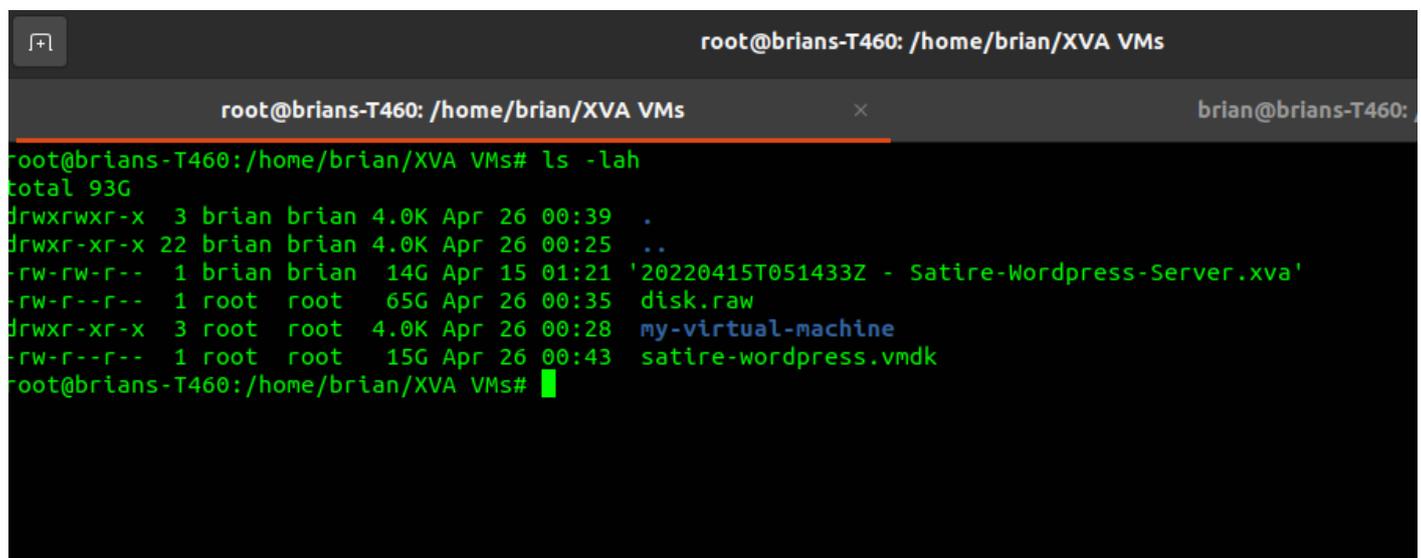
- 3.1 Convert the disk.raw file to a VMDK

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Objective: Use qemu-img to convert the raw disk extracted from the XVA file in our working directory to a vmdk file for the ability to import in VMWare.

Step 1. Navigate to a location that you would like to work from. In my scenario, I am working from my user's home directory in a folder name 'XVA VMs'

Belows is a screenshot of my working directory

A terminal window screenshot showing a directory listing command. The terminal title is 'root@brians-T460: /home/brian/XVA VMs'. The command executed is 'ls -lah'. The output shows a directory with a total size of 93G. The files listed are: a current directory '.', a parent directory '..', a file named '20220415T051433Z - Satire-Wordpress-Server.xva' (14G, owned by brian), a file named 'disk.raw' (65G, owned by root), a directory named 'my-virtual-machine' (4.0K, owned by root), and a file named 'satire-wordpress.vmdk' (15G, owned by root).

```
root@brians-T460: /home/brian/XVA VMs# ls -lah
total 93G
drwxrwxr-x  3 brian brian 4.0K Apr 26 00:39 .
drwxr-xr-x 22 brian brian 4.0K Apr 26 00:25 ..
-rw-rw-r--  1 brian brian 14G Apr 15 01:21 '20220415T051433Z - Satire-Wordpress-Server.xva'
-rw-r--r--  1 root  root   65G Apr 26 00:35 disk.raw
drwxr-xr-x  3 root  root   4.0K Apr 26 00:28 my-virtual-machine
-rw-r--r--  1 root  root   15G Apr 26 00:43 satire-wordpress.vmdk
root@brians-T460: /home/brian/XVA VMs#
```

Step 2. Before you run the command, you need to ensure that you install qemu-utils. Once you ensured that qemu-utils is installed, you need to run the following command below:

```
qemu-img convert -f raw -O vmdk disk.raw satire-wordpress.vmdk
```

You can name the vmdk whatever you like, this is just specific to my scenario

That is all there is to it. Just let this process run and you will have usable VMDK that can now utilize in VMWare products.