

# 1. Installing XVA-img

These are the instructions on how to install the XVA-img tool which is updated and patched for checksum and xxhash

- 1.1 Installing xva-img from source

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**Objective:** Install xve-image from source on an ubuntu 20.04 LTS machine in order to convert from XVA to a VMDK to be imported in VMWorkstation

**Step 1.** Navigate to [eriklax/xva-img: XVA \(Citrix Xen format\) virtual disk tool. Supports RAW disk image exports and imports. \(github.com\)](#) and download the entire zip file of the repository. In this situation, I am using wget on the Linux machine to download in my current directory.

**Step 2.** From terminal, unzip everything to whatever directory you want. I chose `/opt`

change directory to where the zip file is located.

```
cd /opt/xva-img
```

Unzip the Master zip file you just downloaded from git

```
unzip master.zip
```

**Step 3.** Change directory into the unzipped directory of `'xva-img-master'`

**Step 4.** Install the dependencies for xva-img as noted on the github page, and install from source

- ```
sudo apt update && sudo apt install cmake g++ libssl-dev libxxhash-dev
```

- Once installation has completed, you will build from source to install

- **Note:** It will be easier to run as root from this point

- Change directory into the xva-img repository folder

- `cd /opt/xva-img/xva-img-master`

- **Build**

- `cmake .`

- `make`

- `make install`

This is the final step installing xva-img on to your machine.