Tacky-box ISO Guide V2

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Summary

Dependencies

Sources

1. *The latest ISO file of the Ubuntu server LTS OS.*

Tools

1. *VMware Workstation 17 Player on window 11.*
You may need additional or different steps on other versions or OS.

2. *Git, Docker net-tools & make are needed to manage the new containers.*

Installation with VMWare

1. Start VMWare and create a new VM with the Ubuntu server iso downloaded.

   Some older versions won't ask directly for the iso location, instead you are supposed to give the iso has an external drive.

   If you can't find a way, search a tutorial on youtube with the complete name and version of your VMWare installation.

2. Give the VM 6G of storage, 2G of RAM and 2 Core (4 thread) in the Hardware settings.

3. If the installer proposes to update to a new installer version, pick yes.

4. The installer should kick in, you want the English language and the French keyboard layout (or use the identify keyboard option) and install the minimized version of the OS. By advise that the installer might still be in QWERTY.

   After picking your network you can skip the archive mirror if he can fetch the packages, do not touch the disk and validate your choice.
   For the name, sudo is root and server / username is **tackybox**, the password is **imageetmac_2023**, skip Ubuntu pro and install OpenSSH server. you need nothing else, skip the other option, start the installation and let him cook and reboot when done.

5. Use the following command to install git and the repository to manage the container.

```
sudo sh -c ‘apt-get update apt-get install -y git parted && git
clone https://github.com/Ornsalt/Tack-Os.git’
```

6. Then launch the setup script.

```
sudo chmod 777 ./Tack-Os/setup.sh (if installation fail with sudo)
sudo ./Tack-Os/setup.sh

(if docker is a pesky bird)
groupadd docker
usermod -aG docker tackybox
reboot
```

7. Then create the environment file and the database.

```
make env && make DBMS
```

Convert VM in a ISO

To convert our newly built VM into an ISO file is simple on Linux or Windows you need two tools **dd & qemu-img** and more info in this **tutorial**.

Then, find the .vmdk file of your vm on ***Documents/Virtual Machines/VM/VM.vmdf*** and transform it into a .raw file then into an .iso with the following commande.

```
qemu-img convert -f vmdk "TACK-OS.vmdk"  TACK-OS.raw
dd if=TACK-OS.raw of=TACK_OS.iso
```

Warning the time to wait for each commande scale exponentially with the size of the drive allocated to the VM, make it as small as possible.