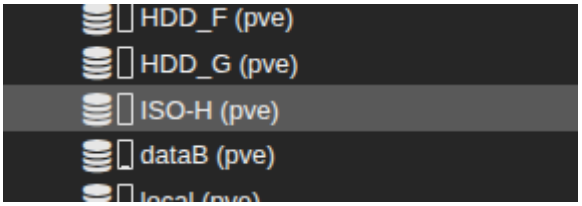
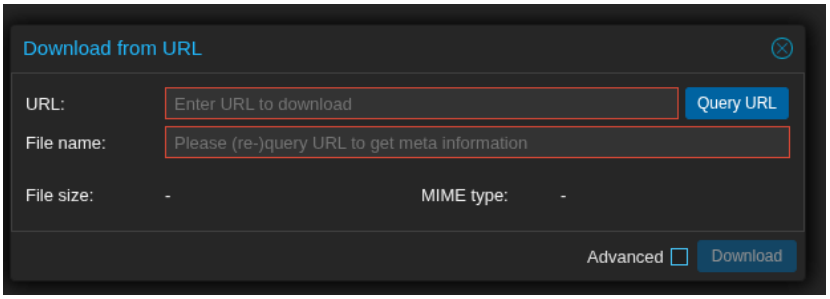
Deploy new VM on Proxmox

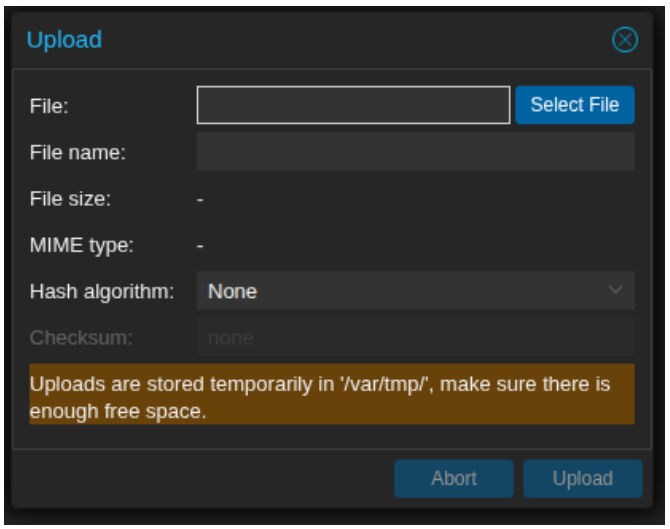
1. Select your ISO file
2. Upload it to the **right disk** (“ISO-H” is preferred but you can choose “local (pve)”). It already has some (Win SRV, Ubuntu Desktop, Ubuntu SRV, Kali Linux).



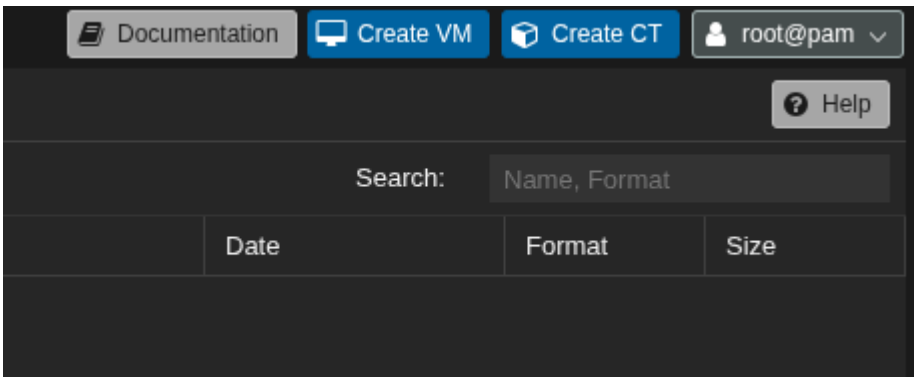
3. Go to “ISO Images”
4. Upload your ISO file using the **upload button** or “***download from url***” which is using the lab bandwidth.
5. Paste your link and click on “Download”



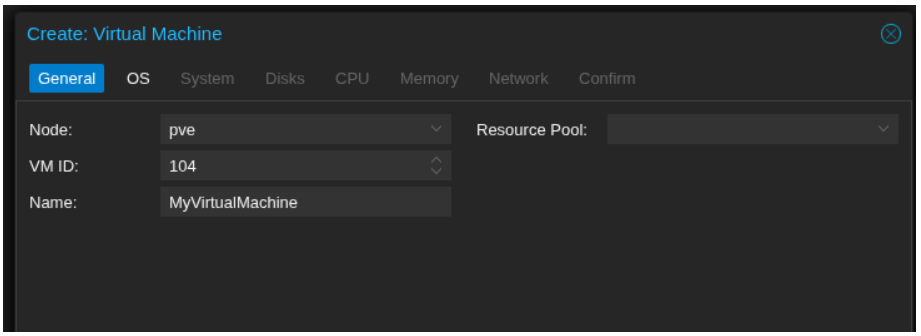
   a. For the Upload method, click on “Select File” to **select it in your file system**. You can add a hash algorithm to have an integrity check.



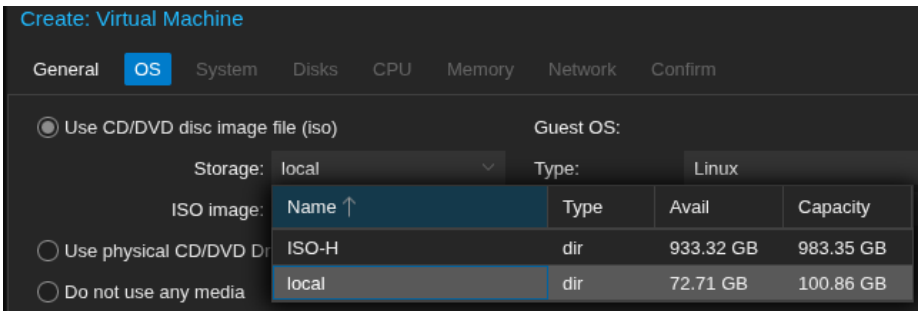
6. Once it is done, go to “Create VM” on the bottom right of the page



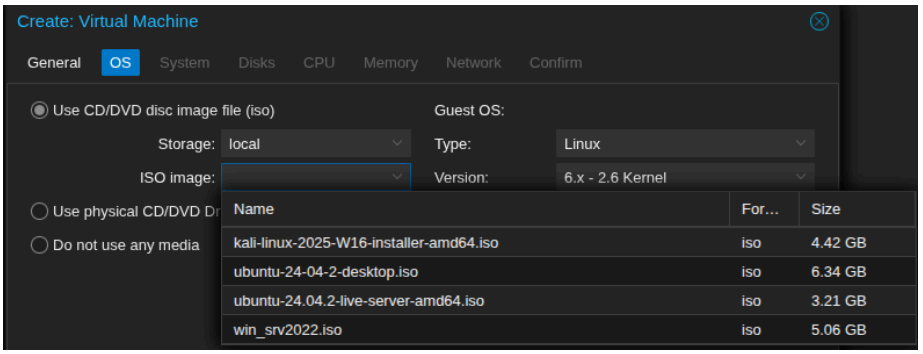
7. Add a name to the virtual machine (it can be edited later)



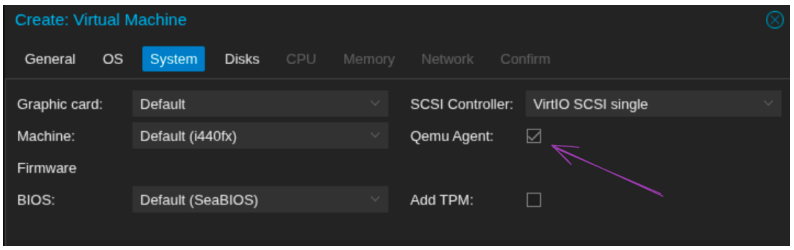
8. Select the disk where is located the ISO file



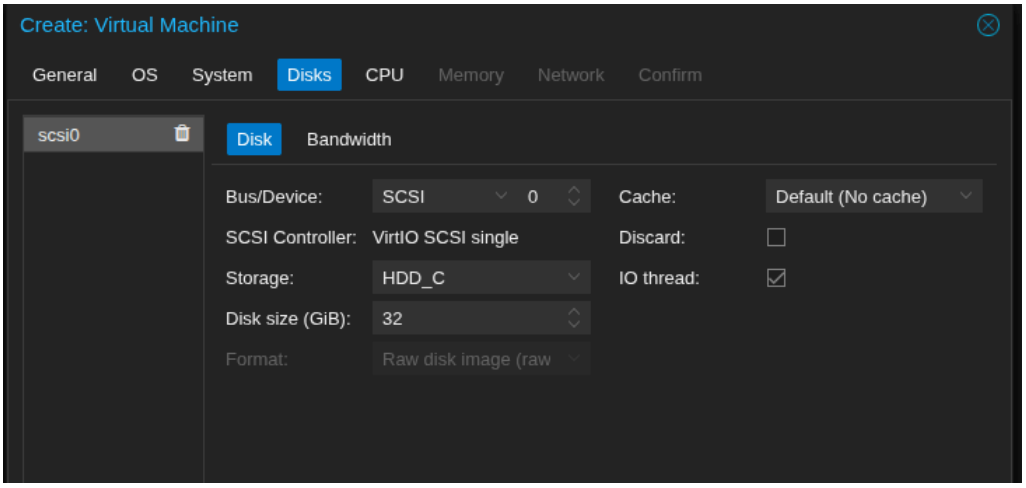
9. Then, select your OS. A **Kernel is automatically selected** but you can change it if needed.



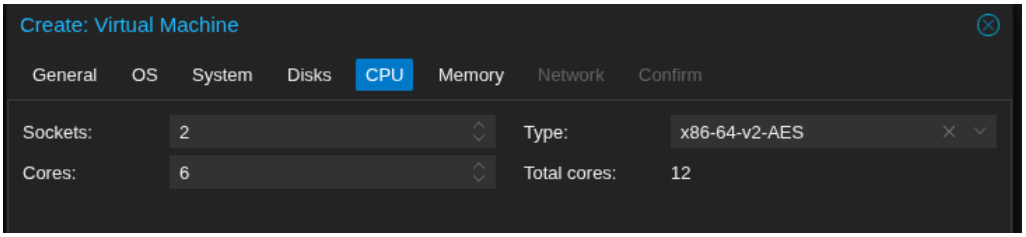
10. On the system page, click on “Qemu Agent”



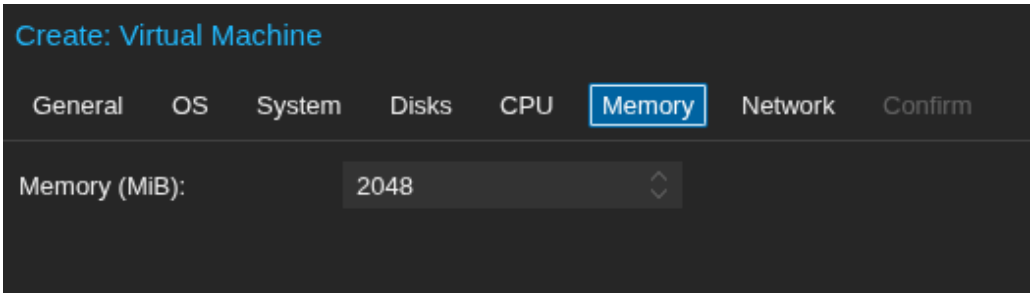
11. Select the storage disk you want (**Use it in the order it appears** if it has the right capacity for your project) and select the disk size.



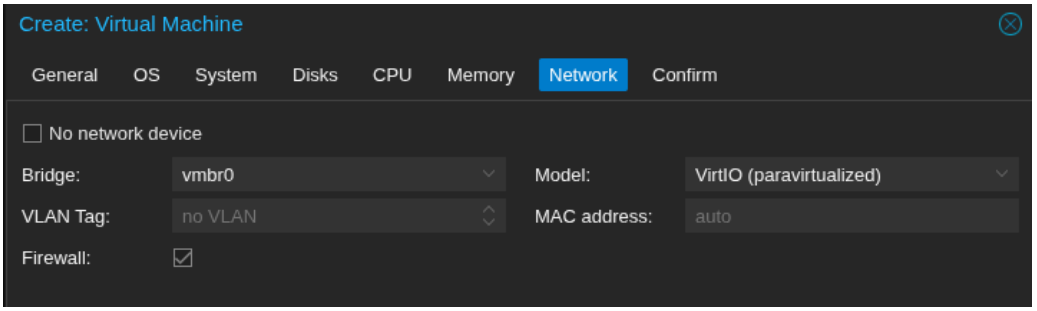
12. Select the numbers of sockets/cores you want to add for the CPU, and the type of it (qemu, intel, amd, …)



13. Select the memory (RAM) size

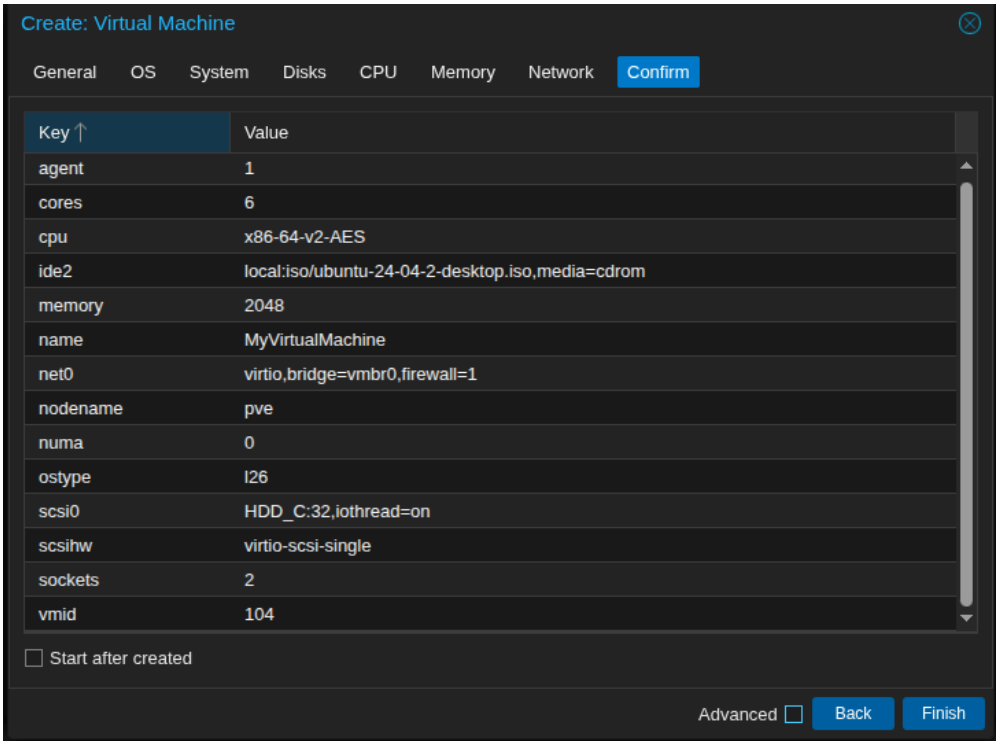


14. Update your network settings if needed. **Bridge is default mode** so your VM will be exposed on the local network and have **its own IP address** (192.168.1.0/24)



15. Review and **click on finish**

FORENSICK


Create: Virtual Machine
General
OS
System
Disks
CPU
Memory
Network
Confirm
Key
Value
agent 1
cores 6
cpu x86-64-v2-AES
ide2 local:iso/ubuntu-24-04-2-desktop.iso,media=cdrom
memory 2048
name MyVirtualMachine
net0 virtio,bridge=vmbr0,firewall=1
nodename pve
numa 0
ostype l26
scsi0 HDD_C:32,iothread=on
scsihw virtio-scsi-single
sockets 2
vmid 104
Start after created
Advanced
Back
Finish