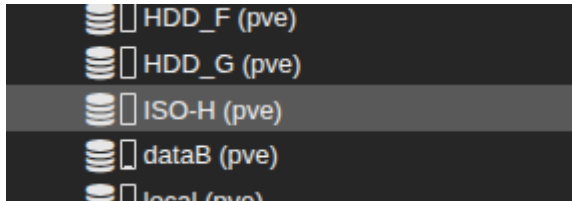


Deploy new VM on Proxmox

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).

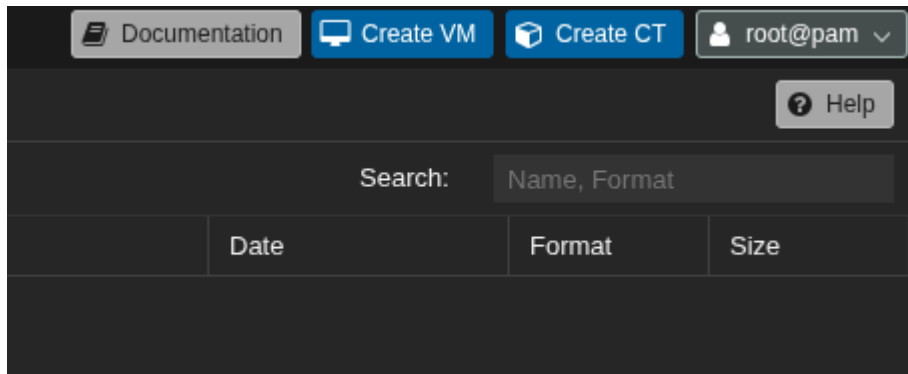


3. Go to "ISO Images"
4. Upload your ISO file using the **upload button** or "**download from url**" which is using the lab bandwidth.
5. Paste your link and click on "Download"

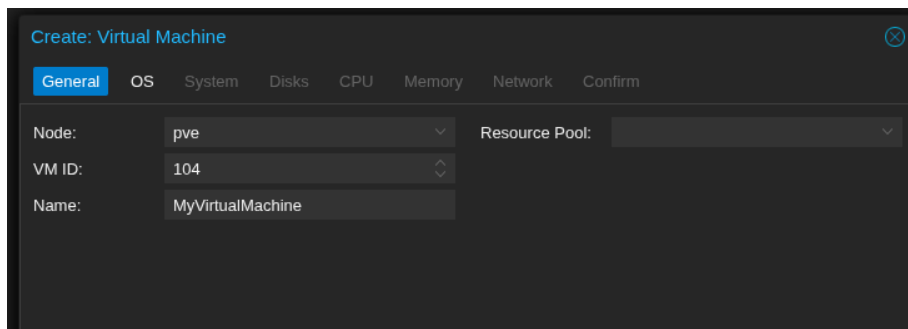
- a. For the Upload method, click on "Select File" to **select it in your file system**. You can add a hash algorithm to have an integrity check.

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

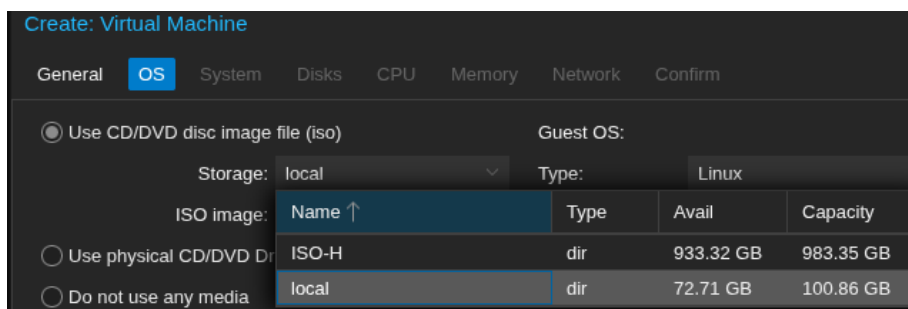
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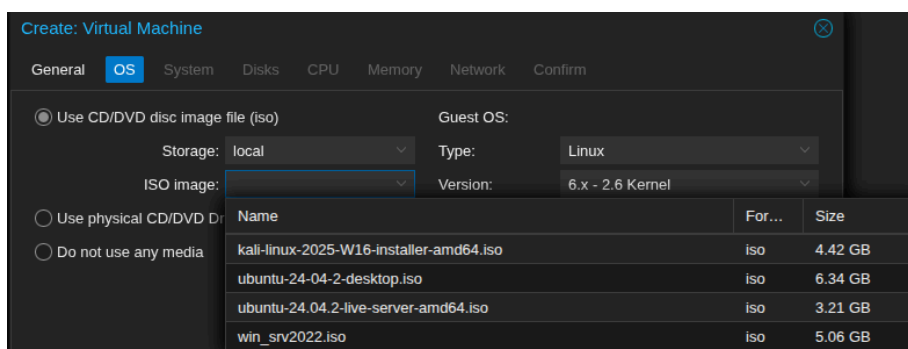
7. Add a name to the virtual machine (it can be edited later)



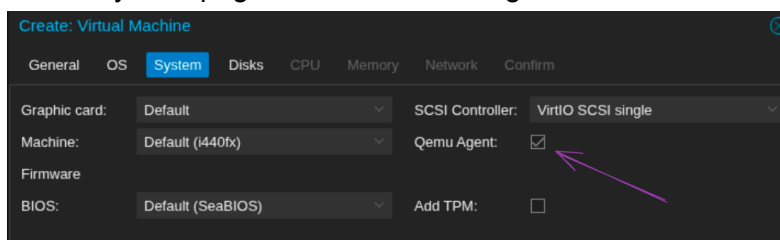
8. Select the disk where is located the ISO file



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”



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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.

The screenshot shows the 'Create: Virtual Machine' dialog with the 'Disks' tab selected. On the left, a list of storage devices includes 'scsi0'. The 'Disk' sub-tab is active, showing configuration options: 'Bus/Device' is set to 'SCSI' and '0'; 'Cache' is 'Default (No cache)'; 'SCSI Controller' is 'VirtIO SCSI single'; 'Storage' is 'HDD_C'; 'Disk size (GiB)' is '32'; and 'Format' is 'Raw disk image (raw)'. There are also checkboxes for 'Discard' (unchecked) and 'IO thread' (checked).

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

The screenshot shows the 'Create: Virtual Machine' dialog with the 'CPU' tab selected. It displays 'Sockets' set to 2 and 'Cores' set to 6, resulting in 'Total cores: 12'. The 'Type' is set to 'x86-64-v2-AES'.

13. Select the memory (RAM) size

The screenshot shows the 'Create: Virtual Machine' dialog with the 'Memory' tab selected. The 'Memory (MiB)' is set to 2048.

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)

The screenshot shows the 'Create: Virtual Machine' dialog with the 'Network' tab selected. The 'No network device' checkbox is unchecked. The 'Bridge' is set to 'vibr0', 'Model' is 'VirtIO (paravirtualized)', 'VLAN Tag' is 'no VLAN', and 'MAC address' is 'auto'. The 'Firewall' checkbox is checked.

15. Review and **click on finish**

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Create: Virtual Machine

GeneralOSSystemDisksCPUMemoryNetworkConfirm

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=vibr0,firewall=1
nodename	pve
numa	0
ostype	l26
scsi0	HDD_C:32,ioread=on
scsihw	virtio-scsi-single
sockets	2
vmid	104

☐ Start after created

Advanced ☐BackFinish