

Proxmox

```
apt install qemu-utils  
qemu-img convert -p -f vmdk -O qcow2 Thor.vmdk Thor.qcow2  
scp Thor.qcow2 root@192.168.88.8:/tmp/
```

Create a new VM without OS.

Create: Virtual Machine

General

OS

System

Disks

CPU

Memory

Network

Confirm

Use CD/DVD disc image file (iso)

Storage:

local

ISO image:

Guest OS:

Type:

Other

Version:

-

Use physical CD/DVD Drive

Do not use any media

Advanced

Back

Next

Create: Virtual Machine



General OS **System** Disks CPU Memory Network Confirm

Graphic card: Default ▾

SCSI Controller: VirtIO SCSI ▾

Machine: Default (i440fx) ▾

Qemu Agent: ☐

Firmware

BIOS: Default (SeaBIOS) ▾

Add TPM: ☐

Help

Advanced ☐

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Next

Create: Virtual Machine

General

OS

System

Disks

CPU

Memory

Network

Confirm

ide0

Disk

Bandwidth

Bus/Device: IDE

Storage: local

Disk size (GiB): 32

Format: QEMU image format

Cache: Default (No cache)

Discard: ☐

Add

Help

Advanced ☐

Back

Next

Create: Virtual Machine



General OS System Disks **CPU** Memory Network Confirm

Sockets: Type:
Cores: Total cores: 2

Help

Advanced ☐

Back

Next

Create: Virtual Machine



General

OS

System

Disks

CPU

Memory

Network

Confirm

Memory (MiB):

2048



 Help

Advanced ☐

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Create: Virtual Machine

General OS System Disks CPU Memory **Network** Confirm

☐ No network device

Bridge: Model:

VLAN Tag: MAC address:

Firewall: ☒

? Help Advanced ☐ Back Next

Import QCOW2 Image Into Proxmox Server

```
qm disk import 100 Thor.qcow2 local-lvm
```

pxvebian - Proxmox Virtual Environment - Mozilla Firefox (Private Browsing)

https://192.168.1.101:8006/#v1:0=qemu%2F107:4:::7::

PROXMOX Virtual Environment 7.2-4

Server View

Virtual Machine 107 (FreeBSD12VM) on node 'pxvebian'

Start Shutdown Console More Help

Summary Add Remove Edit Disk Action Revert

Hardware

Memory 2.00 GiB

Processors 2 (1 sockets, 2 cores)

BIOS Default (SeaBIOS)

Display Default

Machine Default (i440fx)

SCSI Controller VirtIO SCSI

Hard Disk (ide0) local:107/vm-107-disk-0.qcow2,size=32G

CD/DVD Drive (ide2) none,media=cdrrom

Network Device (net0) e1000=76:A0:20:D1:FF:9F,bridge=vmbro,firewall=1

Unused Disk 0 local:107/vm-107-disk-1.raw

This is the newly imported QCOW2 disk

Tasks Cluster log

Start Time	End Time	Node	User name	Description	Status
Jun 13 16:05:07	Jun 13 16:05:08	pxvebian	root@pam	Update package database	Error: command 'apt-get upd...
Jun 13 15:13:02	Jun 13 15:13:03	pxvebian	root@pam	VM 107 - Create	OK
Jun 13 13:31:09	Jun 13 13:31:10	pxvebian	root@pam	VM 107 - Destroy	OK
Jun 13 11:06:47	Jun 13 11:06:47	pxvebian	root@pam	Start all VMs and Containers	OK
Jun 13 11:05:58	Jun 13 11:05:58	pxvebian	root@pam	Stop all VMs and Containers	OK

Attach QCOW2 Virtual Disk To VM

pxvebian - Proxmox Virtual Environment — Mozilla Firefox (Private Browsing)

https://192.168.1.101:8006/#v1:0:=qemu%2F107:4:::7::

PROXMOX Virtual Environment 7.2-4

Server View

Virtual Machine 107 (FreeBSD12VM) on node 'pxvebian'

Start Shutdown Console More Help

Summary Add Remove Edit Disk Action Revert

Console Memory 2.00 GiB

Hardware Processors 2 (1 sockets, 2 cores)

Cloud-Init BIOS Default (SeaBIOS)

Options Display Default

Task History Machine Default (i440fx)

Monitor SCSI Controller VirtIO SCSI

Backup Hard Disk (ide0) local:107/vm-107-disk-0.qcow2,size=32G

Replication CD/DVD Drive (ide2) none,media=cdrom

Snapshots Network Device (net0) e1000=76:A0:20:D1:FF:9F,bridge=vbr0,firewall=1

Firewall Unused Disk 0 local:107/vm-107-disk-1.raw

Permissions

Tasks Cluster log

Start Time ↓	End Time	Node	User name	Description	Status
Jun 13 16:05:07	Jun 13 16:05:08	pxvebian	root@pam	Update package database	Error: command 'apt-get upd...
Jun 13 15:13:02	Jun 13 15:13:03	pxvebian	root@pam	VM 107 - Create	OK
Jun 13 13:31:09	Jun 13 13:31:10	pxvebian	root@pam	VM 107 - Destroy	OK
Jun 13 11:06:47	Jun 13 11:06:47	pxvebian	root@pam	Start all VMs and Containers	OK
Jun 13 11:05:58	Jun 13 11:05:58	pxvebian	root@pam	Stop all VMs and Containers	OK

Add: Unused Disk

Bus/Device: VirtIO Block Cache: Default (No cache)

Disk image: local:107/vm-107-disk-1 Discard: ☐

Help Advanced Add

You will now see a newly disk with VirtIO as bus type has been attached to the VM.

Change The Boot Order

pvedebian - Proxmox Virtual Environment — Mozilla Firefox (Private Browsing)

https://192.168.1.101:8006/#v1:0:=qemu%2F107:4:::9::

PROXMOX Virtual Environment 7.2-4

Server View

Virtual Machine 107 (FreeBSD12VM) on node 'pvedebian'

Start Shutdown Console More Help

Summary Edit Revert

Options

1 2 3

Name	FreeBSD12VM
Start at boot	No
Start/Shutdown order	order=any
OS Type	Other
Boot Order	ide0, ide2, net0
Use tablet for pointer	Yes
Hotplug	Disk, Network, USB
ACPI support	Yes
KVM hardware virtualization	Yes
Freeze CPU at startup	No
Use local time for RTC	Default (Enabled for Windows)
RTC start date	now
SMBIOS settings (type1)	uuid=af879d54-cf87-4ddc-a99b-1164e3fac85f
QEMU Guest Agent	Default (Disabled)
Protection	No
Spice Enhancements	none
VM State storage	Automatic

Tasks Cluster log

Start Time ↓	End Time	Node	User name	Description	Status
Jun 13 16:54:52	Jun 13 16:54:52	pvedebian	root@pam	VM 107 - Configure	OK
Jun 13 16:05:07	Jun 13 16:05:08	pvedebian	root@pam	Update package database	Error: command 'apt-get upd...
Jun 13 15:13:02	Jun 13 15:13:03	pvedebian	root@pam	VM 107 - Create	OK
Jun 13 13:31:09	Jun 13 13:31:10	pvedebian	root@pam	VM 107 - Destroy	OK
Jun 13 11:06:47	Jun 13 11:06:47	pvedebian	root@pam	Start all VMs and Containers	OK

pxvebian - Proxmox Virtual Environment - Mozilla Firefox (Private Browsing)

https://192.168.1.101:8006/#v1:0:=qemu%2F107:4:::9::

PROXMOX Virtual Environment 7.2-4

Server View

Virtual Machine 107 (FreeBSD12VM) on node 'pxvebian'

Summary

Name: FreeBSD12VM

Start at boot: No

Start/Shutdown order: order=any

OS Type: Other

Boot Order: ide0, ide2, net0

Use tablet for pointer: Yes

Hotplug: Disk, Network, USB

ACPI support: Yes

KVM hardware virtualization: Yes

Freeze CPU at startup: No

Use local time for RTC: Default

RTC start date: now

SMBIOS settings (type1): uuid=

QEMU Guest Agent: Default

Protection: No

Spice Enhancements: none

VM State storage: Auto

Edit: Boot Order

#	Enabled	Device	Description
1	<input checked="" type="checkbox"/>	virtio1	local:107/vm-107-disk-1.raw,size=5243776K
2	<input checked="" type="checkbox"/>	ide0	local:107/vm-107-disk-0.qcow2,size=32G
3	<input checked="" type="checkbox"/>	ide2	none,media=cdrrom
4	<input checked="" type="checkbox"/>	net0	e1000=76:A0:20:D1:FF:9F,bridge=vbr0,firewall=1

Drag and drop to reorder

Help OK Reset

Tasks Cluster log

Start Time	End Time	Node	User name	Description	Status
Jun 13 16:54:52	Jun 13 16:54:52	pxvebian	root@pam	VM 107 - Configure	OK
Jun 13 16:05:07	Jun 13 16:05:08	pxvebian	root@pam	Update package database	Error: command 'apt-get upd...
Jun 13 15:13:02	Jun 13 15:13:03	pxvebian	root@pam	VM 107 - Create	OK
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Jun 13 11:06:47	Jun 13 11:06:47	pxvebian	root@pam	Start all VMs and Containers	OK

Start you VM.

Then you should edit network interfaces in `/etc/netwrk/interfaces` for dhcp or manual settings.