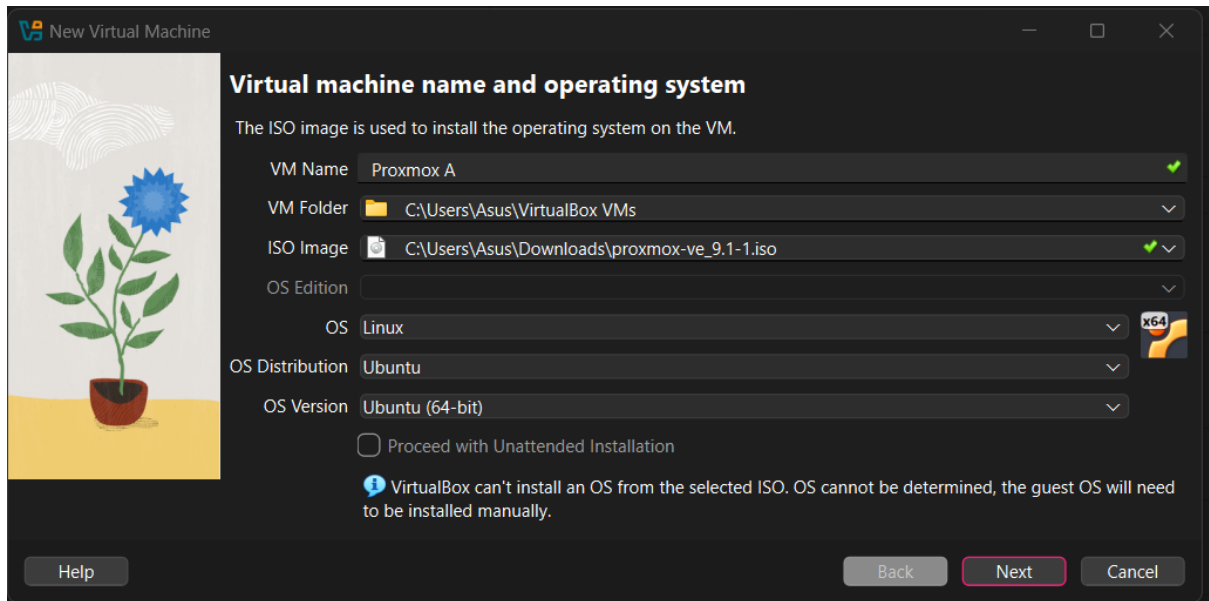
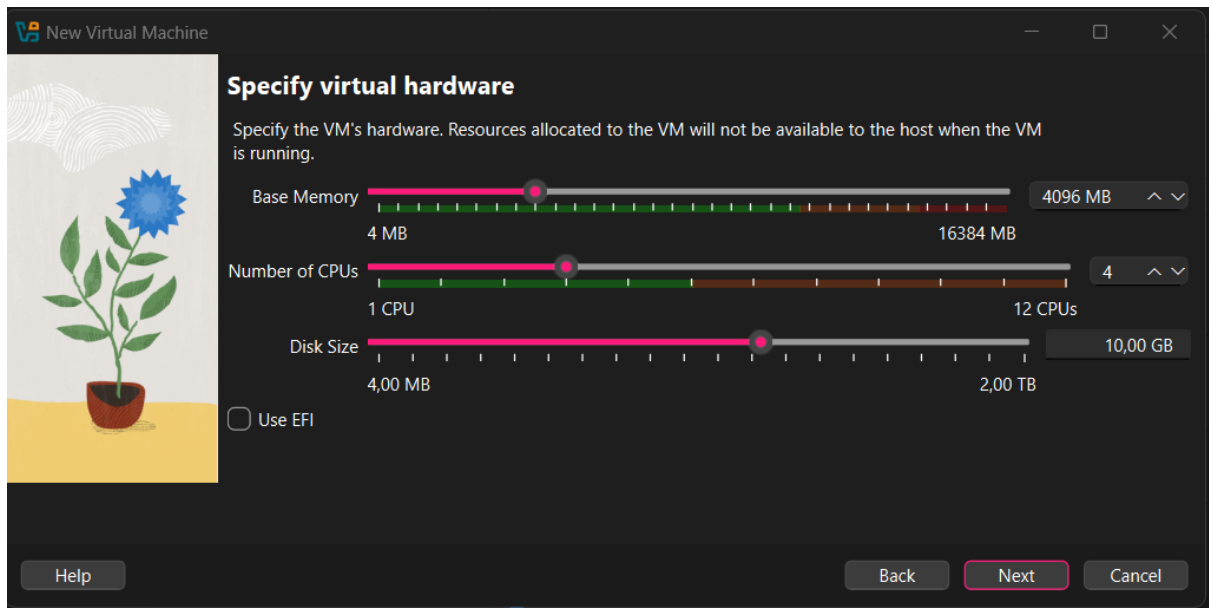


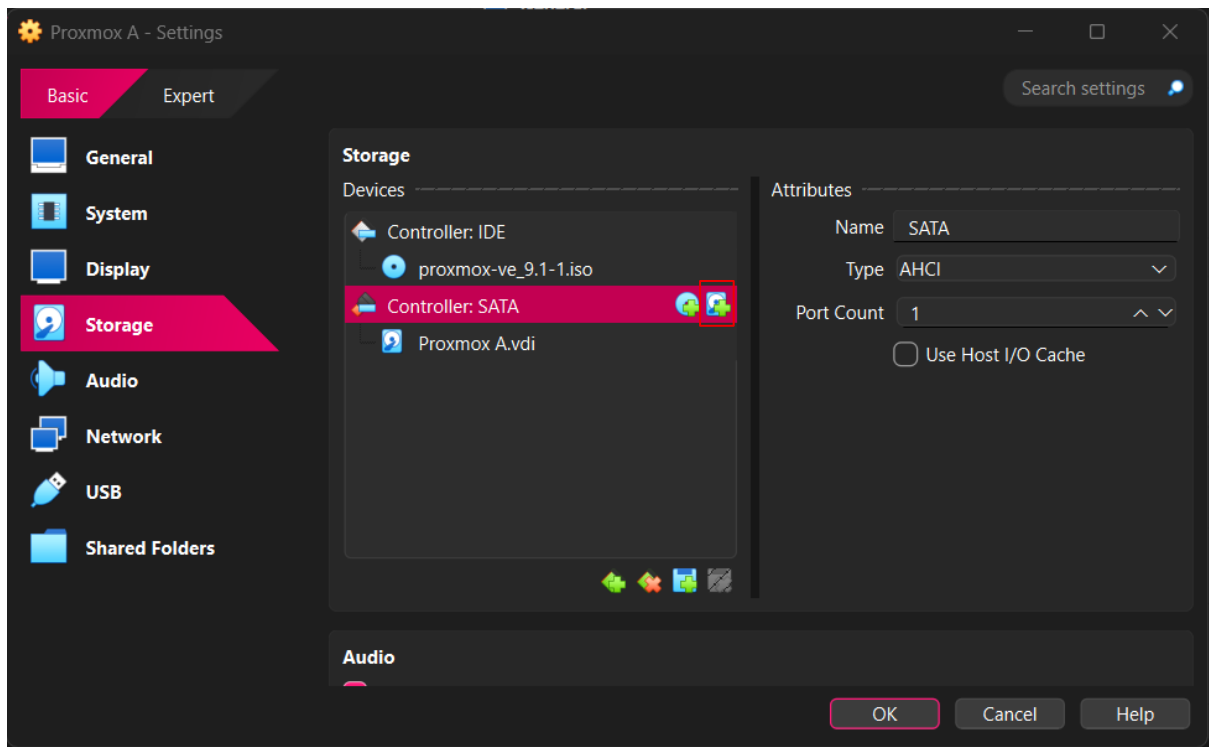
1. Membuat proxmox menggunakan ISO yang telah instal di website Proxmox-VE (kedua laptop)



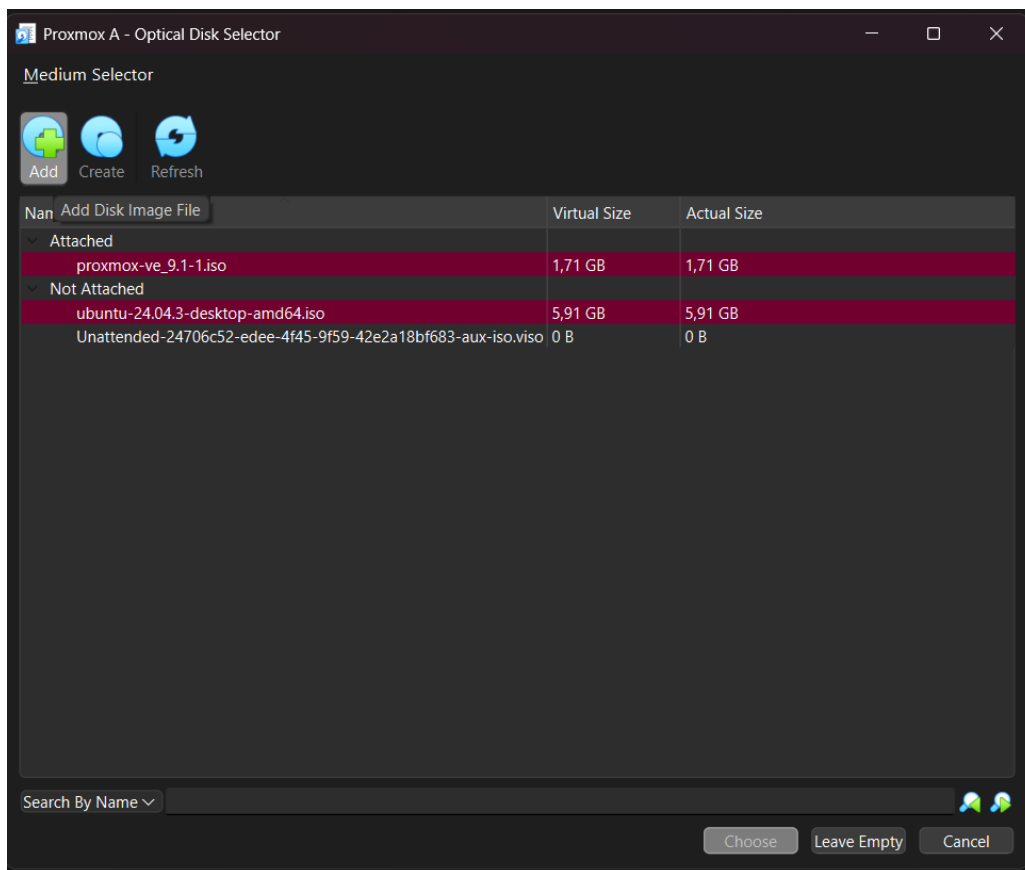
2. Setting ram dan CPU sesuai standar (kedua laptop)



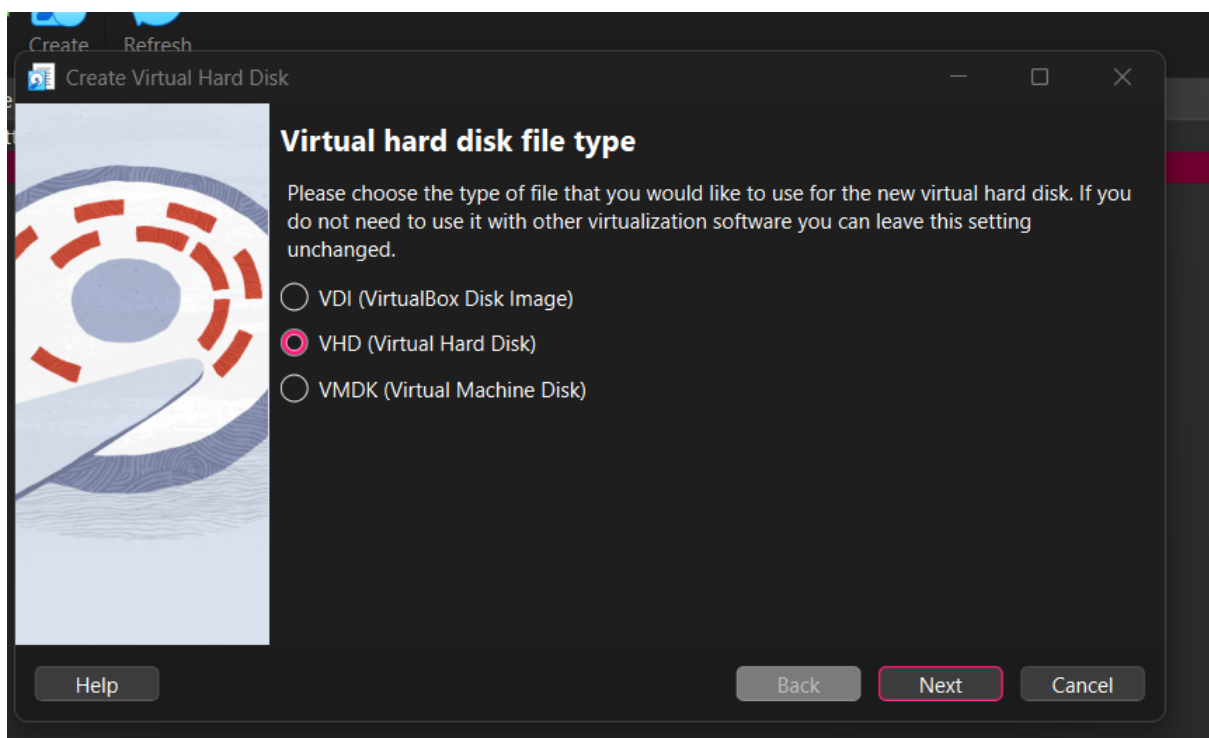
3. setelah selesai, Kembali ke menu setting lalu pilih storage, pada bagian controller SATA tekan tanda yang dikotak merah(kedua laptop)



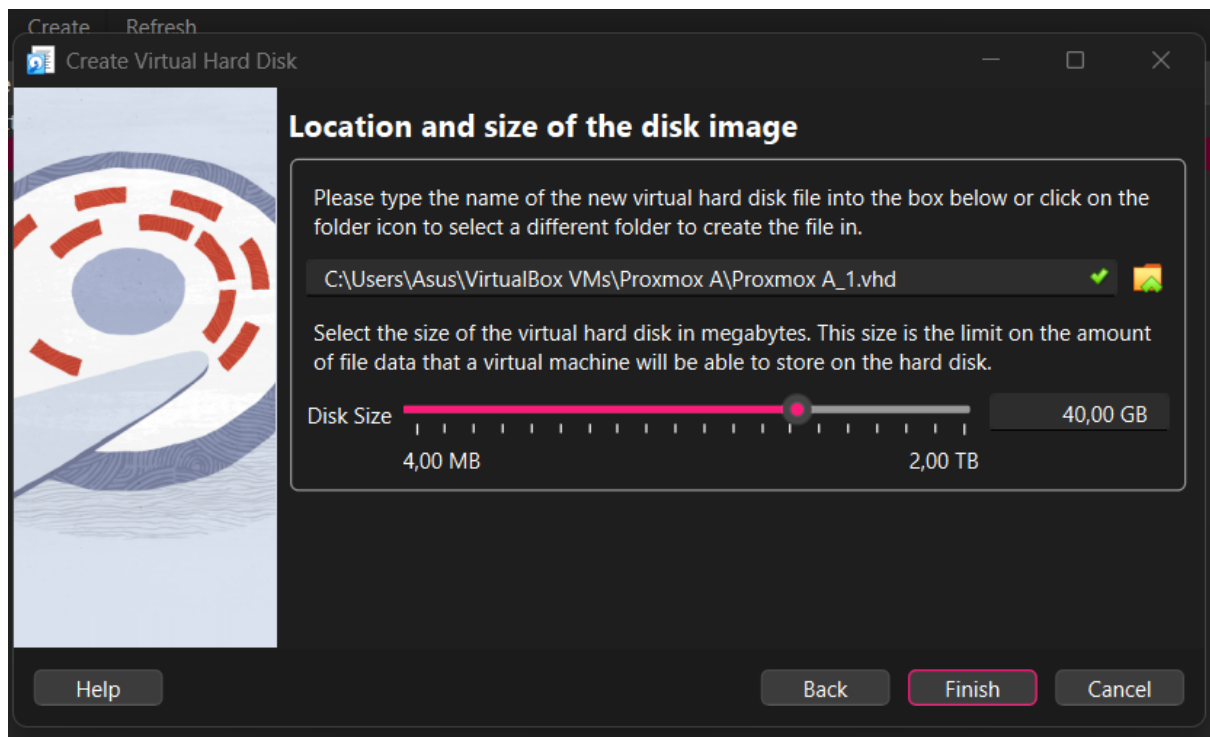
4. Tekan Tanda add (kedua laptop)



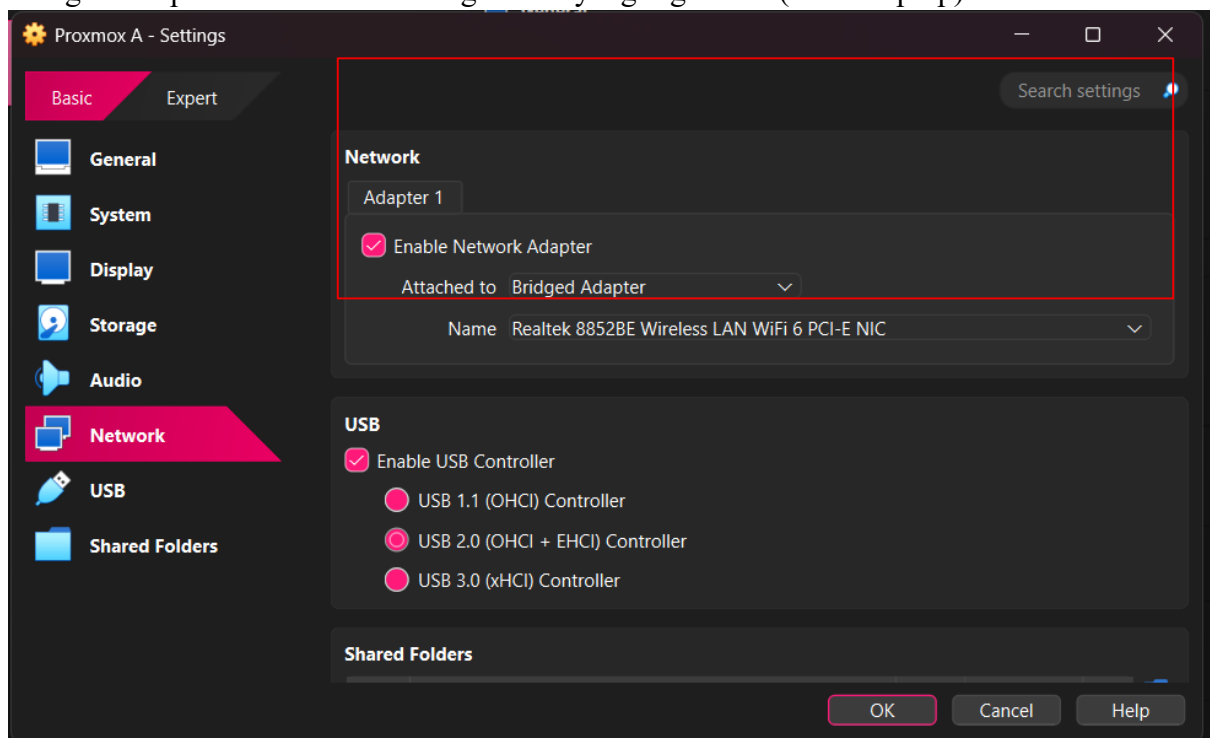
5. lalu pilih Virtual Hard Disk, ini yang akan digunakan sebagai media migrate (kedua laptop)



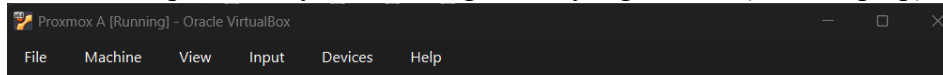
6. pilih minimal 40GB agar aman pada saat melakukan migrate (kedua laptop)



7. lanjut pada menu setting, pilih network dan ubah Enable Network Adapter dari NAT ke Bridged Adapter dan sesuaikan dengan wifi yang digunakan(kedua laptop)



8. masuk ke proxmoxnya dan setting sesuai yang diminta(kedua laptop)



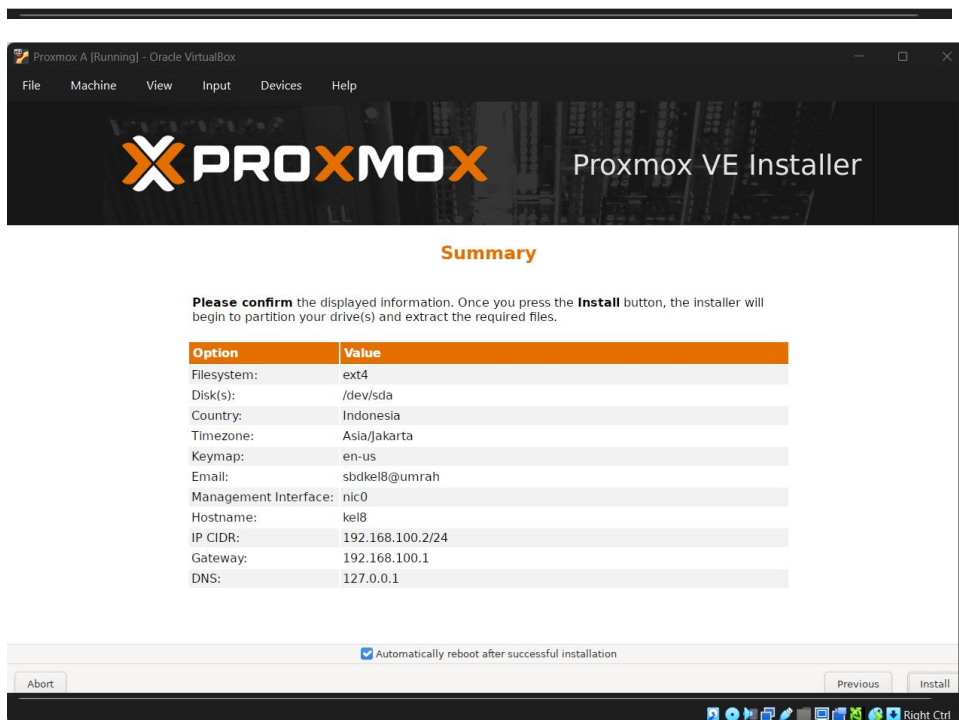
Proxmox VE 9.1 (iso release 1) - <https://www.proxmox.com/>



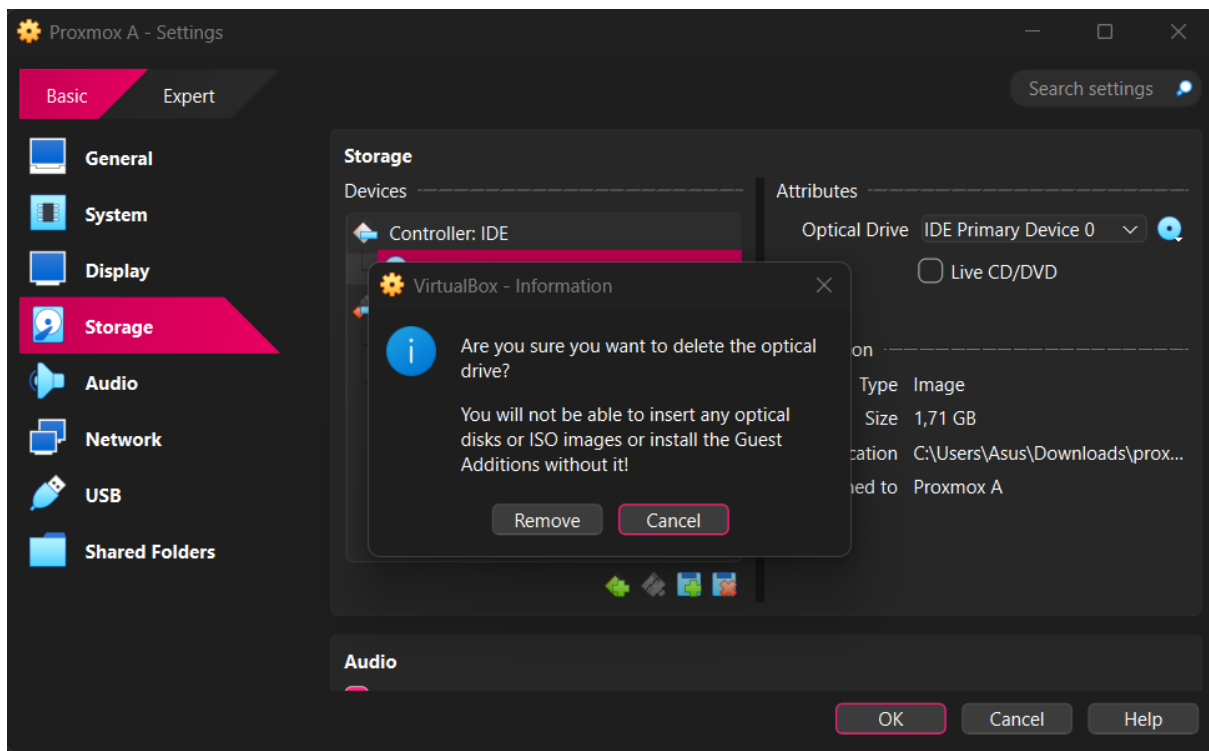
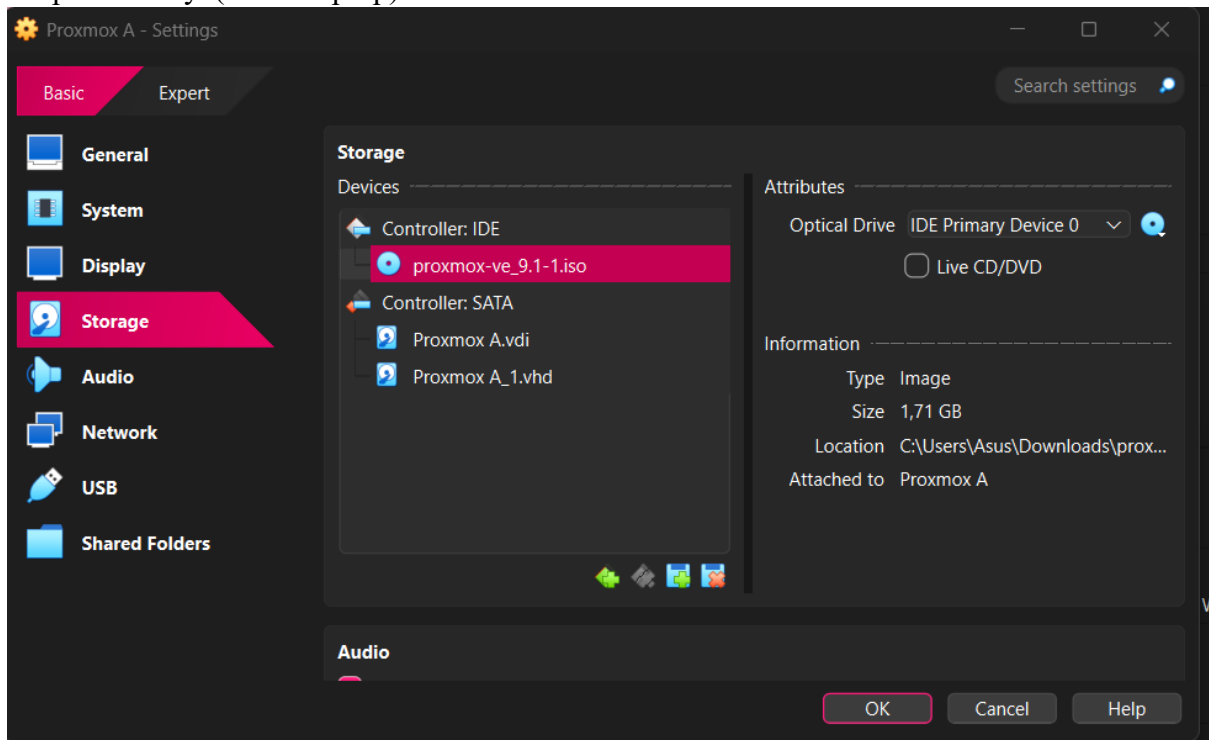
Welcome to Proxmox Virtual Environment

Install Proxmox VE (Graphical)
Install Proxmox VE (Terminal UI)
Advanced Options

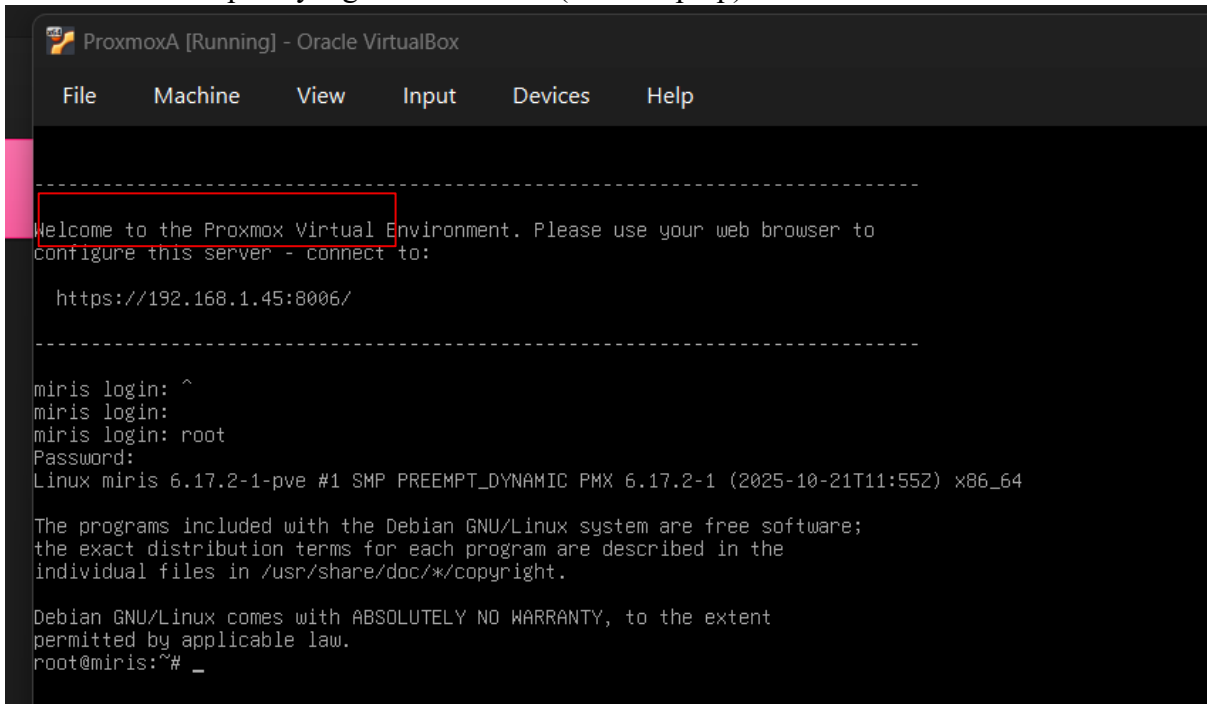
enter: select, arrow keys: navigate, e: edit entry, esc: back



9. setelah selesai Kembali ke setting, lalu pilih storage, di devices Controller: IDE, Hapus file iso proxmoxnya (kedua laptop)



10. setelah berhasil dihapus, maka langsung masuk seperti biasa di virtual box untuk membuka server di brosure pada yang ditandai merah(kedua laptop)



```
ProxmoxA [Running] - Oracle VirtualBox
File Machine View Input Devices Help

-----
Welcome to the Proxmox Virtual Environment. Please use your web browser to
configure this server - connect to:

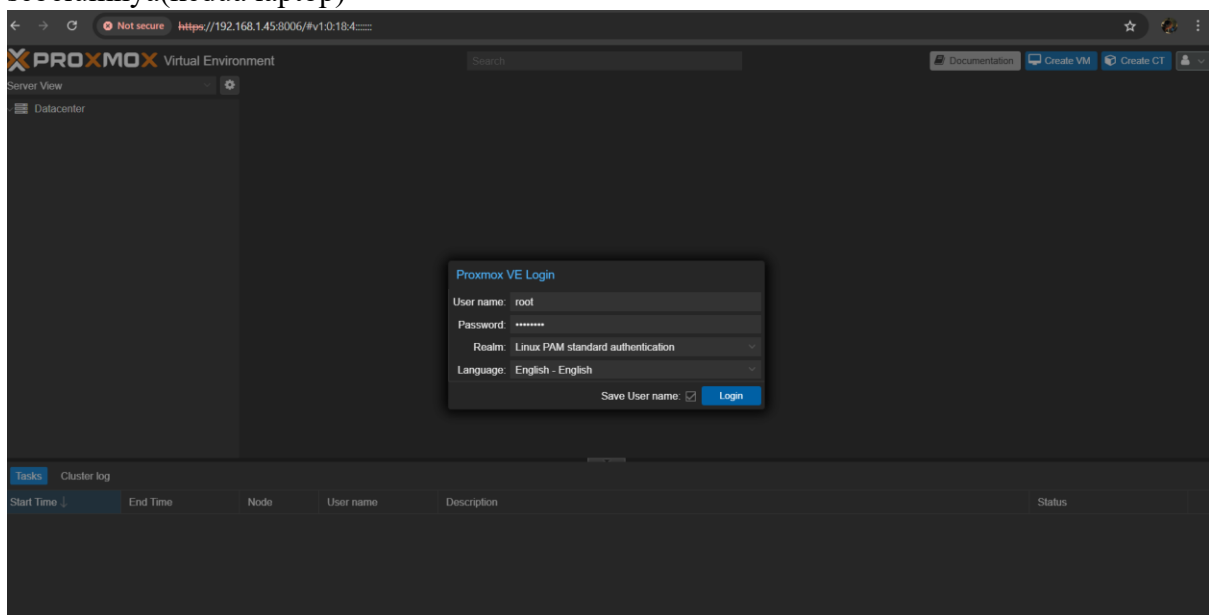
https://192.168.1.45:8006/
-----

miris login: ^
miris login:
miris login: root
Password:
Linux miris 6.17.2-1-pve #1 SMP PREEMPT_DYNAMIC PMX 6.17.2-1 (2025-10-21T11:55Z) x86_64

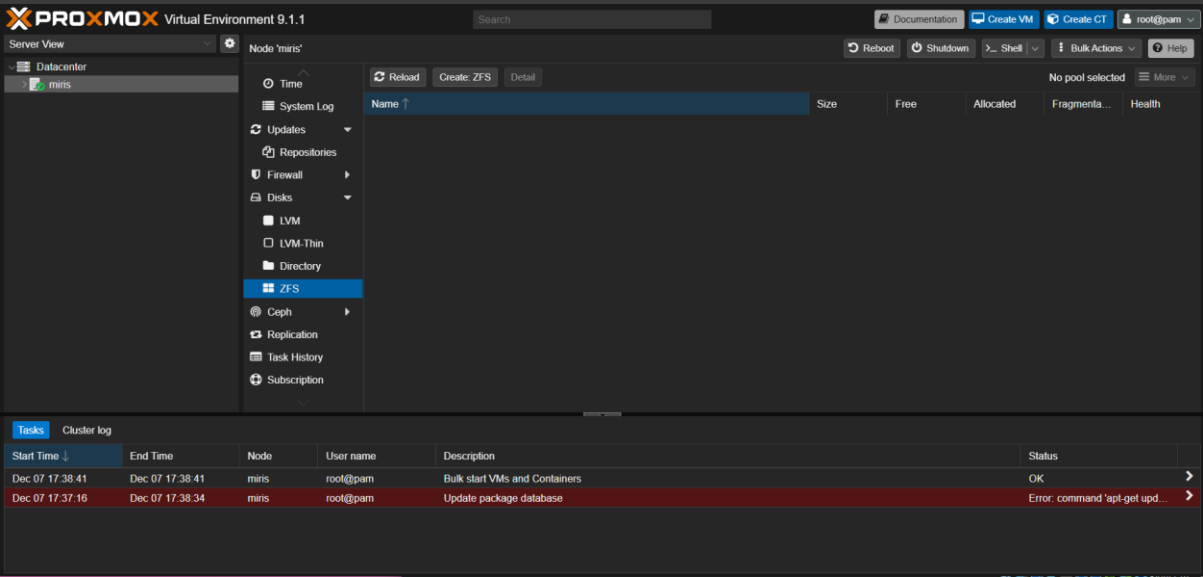
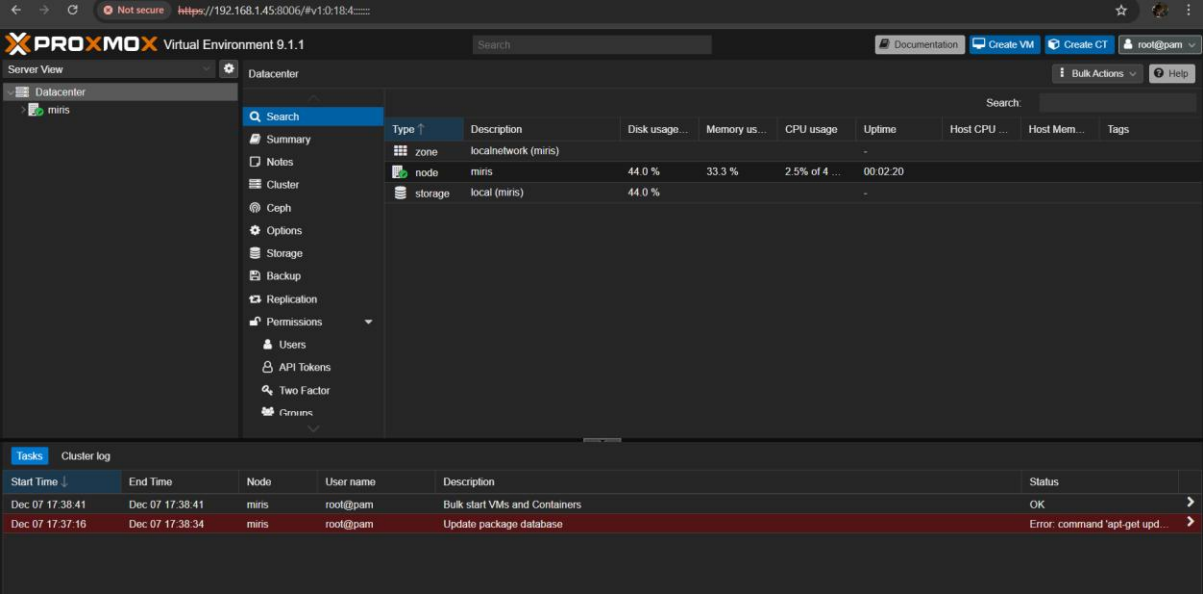
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
root@miris:~# _
```

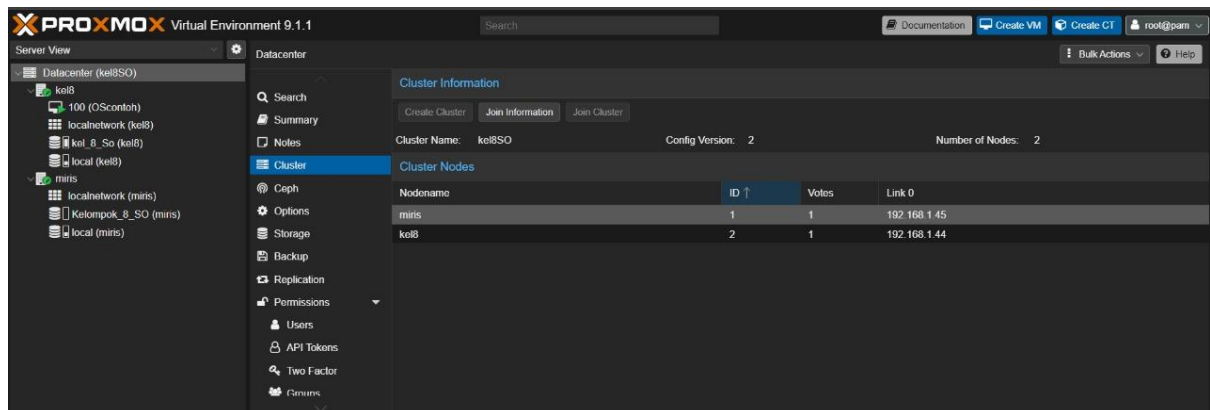
11. setelah berhasil masuk, masukkan user root dan password yang telah dibuat sebelumnya(kedua laptop)



12.pada tampilan awal kita masuk ke dalam miris lalu tekan ZFS untuk menambahkan hardisk yang telah dibuat diawal(kedua laptop)

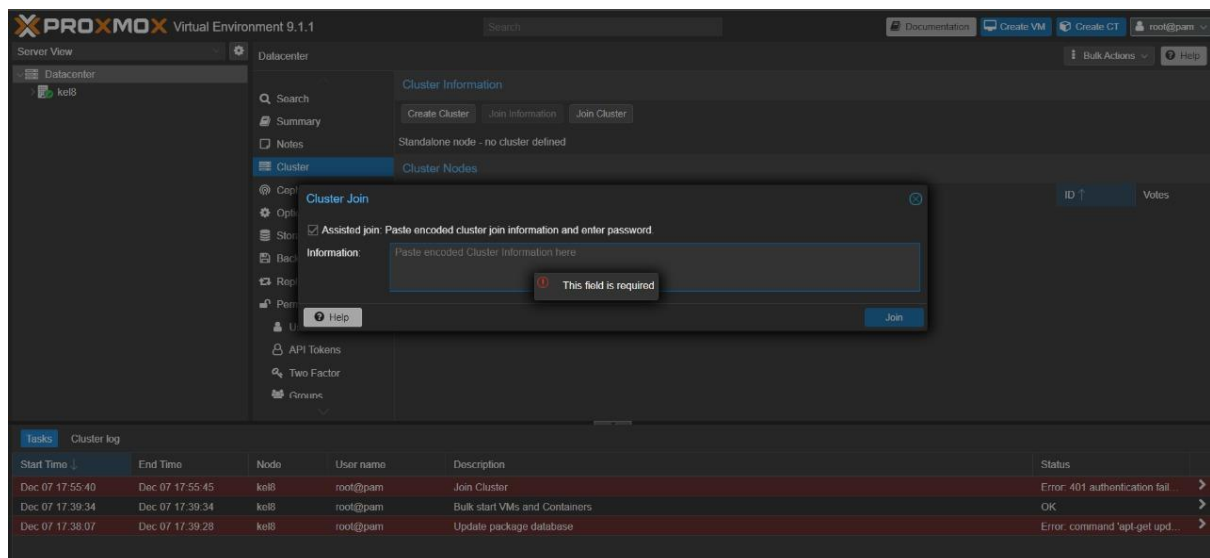


13. Lalu kita membuat cluster sebagai media sharing untuk migrate dari user 1 ke user lainnya
Contoh ada miris dan ke8 (Proxmox A: miris sebagai pembuat cluster)



PROXMOX B

14.1 Pada tampilan ke8, ke8 menambahkan code dari cluster miris agar bisa saling terhubung didalam cluster



PORXMOX A

15.membuat OS sebagai media migrate

UploadDownload from URIRemove

Create: Virtual Machine

General

OS

System

Disks

CPU

Memory

Network

Confirm

Node:

miris

Resource Pool:

VM ID:

100

Name:

Add to HA:

☐

Help

Advanced ☐

Back

Next

Create: Virtual Machine

GeneralOSSystemDisksCPUMemoryNetworkConfirm

☐ Use CD/DVD disc image file (iso)

Storage: local

ISO image:

Guest OS:

Type: Linux

Version: 6.x - 2.6 Kernel

☐ Use physical CD/DVD Drive

☒ Do not use any media

Advanced ☐ BackNext

Create: Virtual Machine

GeneralOSSystemDisksCPUMemoryNetworkConfirm

Graphic card: Default

Machine: Default (i440fx)

Firmware

BIOS: OVMF (UEFI)

Add EFI Disk: ☒

EFI Storage: Kelompok_8_SO

Format: Raw disk image (raw)

Pre-Enroll keys: ☒

SCSI Controller: VirtIO SCSI single

Qemu Agent: ☐

Add TPM: ☐

Help

Advanced ☐ BackNext

Create: Virtual Machine

General

OS

System

Disks

CPU

Memory

Network

Confirm

scsi0

Disk

Bandwidth

Bus/Device:

SCSI

0

Cache:

Default (No cache)

SCSI Controller:

VirtIO SCSI single

Discard:

Storage:

Kelompok_8_SO

IO thread:

Disk size (GiB):

32

Format:

Raw disk image (raw)

Add

Import

Advanced

Back

Next

Create: Virtual Machine

General

OS

System

Disks

CPU

Memory

Network

Confirm

Sockets:

1

Type:

x86-64-v2-AES

Cores:

2

Total cores:

2

Help

Advanced

Back

Next

Create: Virtual Machine

General

OS

System

Disks

CPU

Memory

Network

Confirm

Memory (MiB):

2048

?

 Help

Advanced ☐

Back

Next

UploadDownload from UIRRemove

Create: Virtual Machine

General

OS

System

Disks

CPU

Memory

Network

Confirm

☐ No network device

Bridge:

vmbr0

Model:

VirtIO (paravirtualized)

VLAN Tag:

no VLAN

MAC address:

auto

Firewall:

☒

?

 Help

Advanced ☐

Back

Next

Upload Download from UEFI Remove

Create: Virtual Machine

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

Key ↑	Value
bios	ovmf
cores	2
cpu	x86-64-v2-AES
efidisk0	Kelompok_8_SO:1,efitype=4m,pre-enrolled-keys=1
ide2	none,media=cdrom
memory	2048
net0	virtio,bridge=vbr0,firewall=1
nodename	miris
numa	0
ostype	l26
scsi0	Kelompok_8_SO:32,iosthread=on
scsihw	virtio-scsi-single
sockets	1
vmid	100

☐ Start after created

Advanced ☐ **Back** **Finish**

16. sebelum melakukan migrate, kita menjalankan terlebih dahulu OS yang telah dibuat,dengan mematikan KVM hardware vitrtualization

PROXMOX Virtual Environment 9.1.1

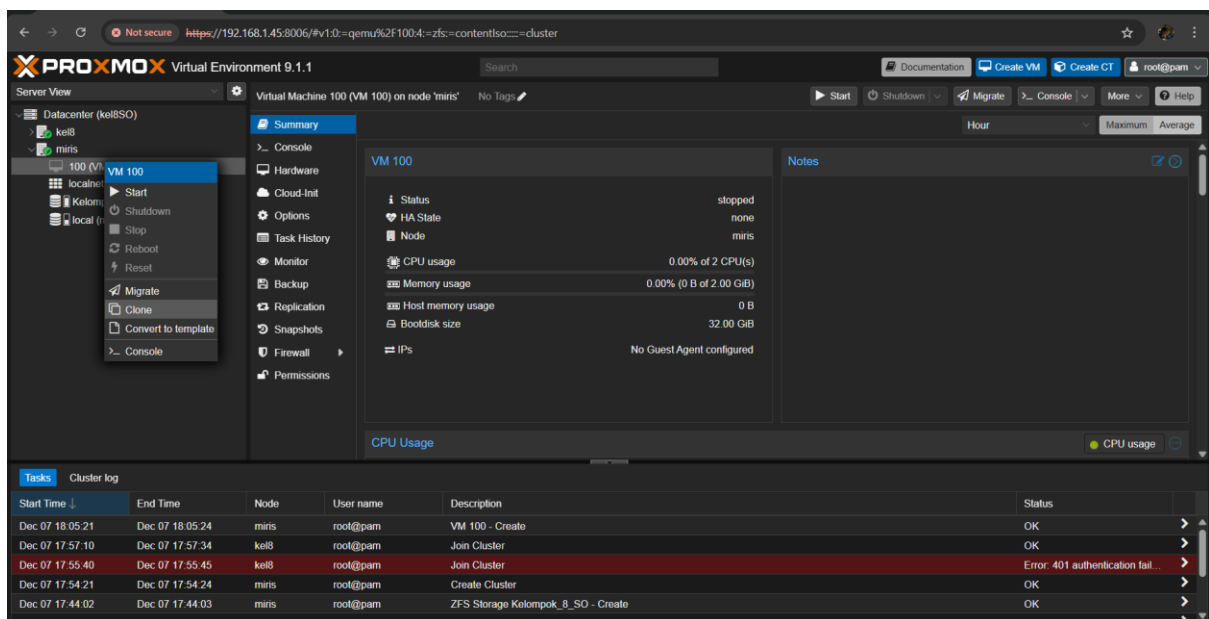
Server View: Virtual Machine 100 (OScontoh) on node 'kei8'

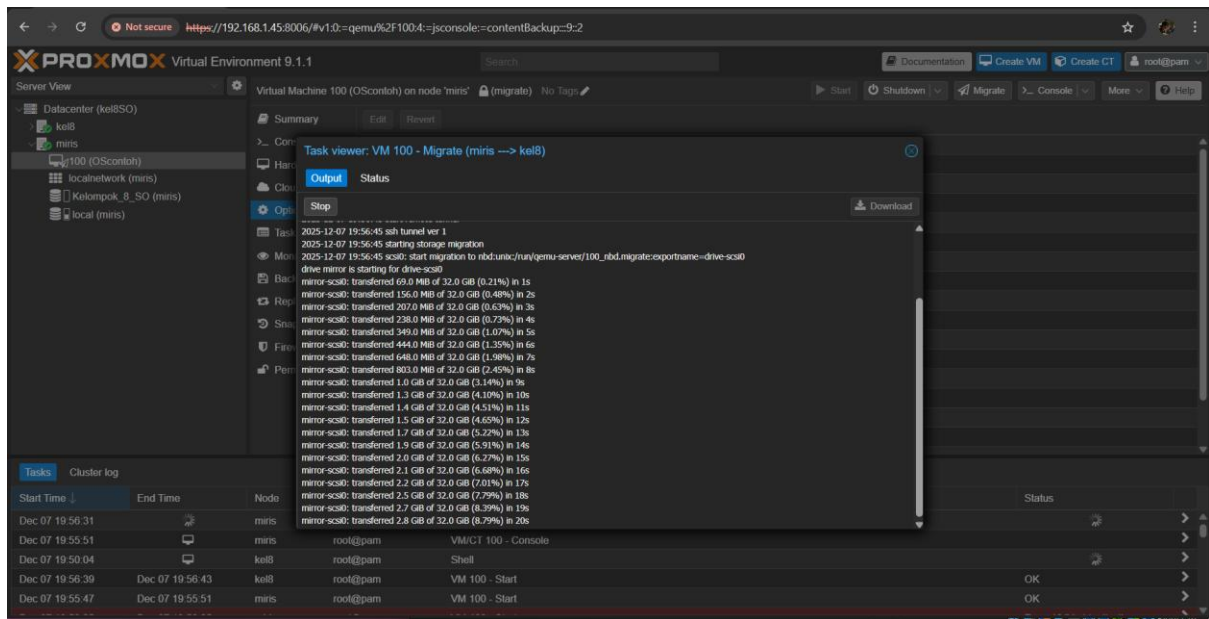
Summary

Category	Key	Value
Summary	Name	OScontoh
Hardware	Start at boot	No
Hardware	Start/Shutdown order	order-any
Options	OS Type	Linux 6.x - 2.6 Kernel
Options	Boot Order	scsi0, ide2, net0
Options	Use tablet for pointer	Yes
Options	Hotplug	Disk, Network, USB
Options	ACPI support	Yes
Options	KVM hardware virtualization	No
Options	Freeze CPU at startup	No
Options	Use local time for RTC	Default (Enabled for Windows)
Options	RTC start date	now
Options	SMBIOS settings (type1)	uuid=6e26b9d9-2ec7-4b27-b641-f40050f3723b
Options	QEMU Guest Agent	Default (Disabled)
Options	Protection	No
Options	Spice Enhancements	none



17. setelah berhasil dijalankan kita dapat melakukan migrate ke dalam Virtual Hard Drive yang telah dibuat oleh node kel8





PROXMAX B

Node kel8

18. selama proses migrate berlangsung, OS yang telah dibuat sebelumnya dapat berjalan dengan lancar

