

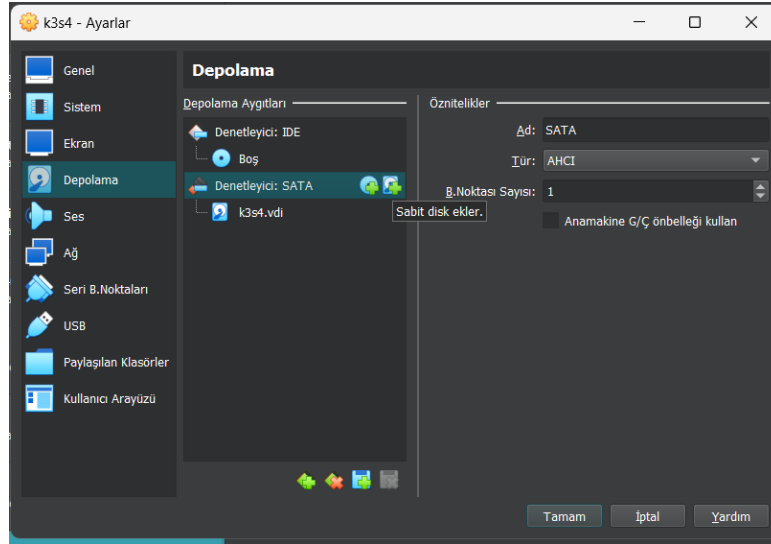
SWAP

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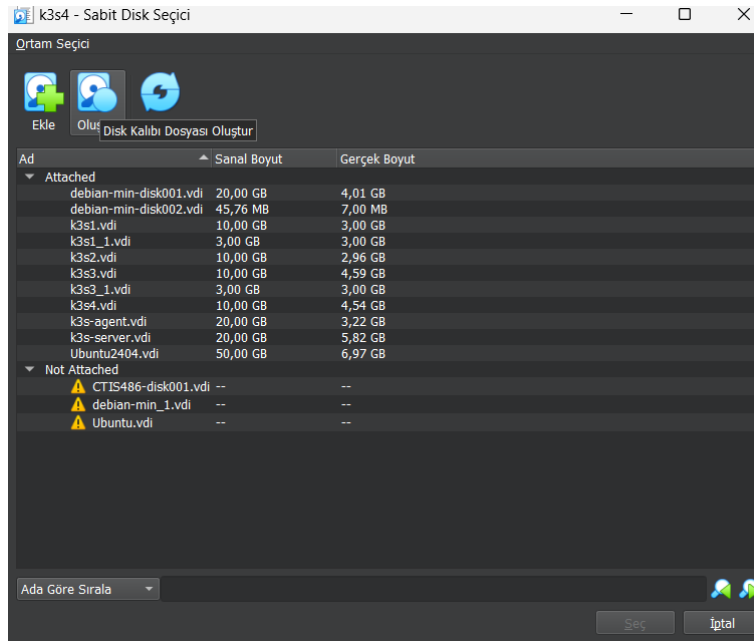
Why I swap?

In real life scenarios, cloud providers, provide limited CPU and RAM on vm. But they provide enough space (volume) and we can use that volume to swap memory.

Installing New Block Device on VM



1 Block Device Installation



2 Block Device Installation



3 Block Device Installation

Partition Disk

Run **lsblk** command to display current block devices. `/dev/sdb` will be added.

```
lsblk
fdisk /dev/sdb
n
p
1
w
lsblk
```

Format Partiton and Save as Persistent

```
swapon --show
mkswap /dev/sdb1
swapon /dev/sdb1
echo '/dev/sdb1 none swap sw 0 0' | tee -a /etc/fstab
reboot
swapon --show
free -h
```