

Swap

Linux Swap

Swap (RAM) Linux Swap

1. Swap

```
free -h
#
swapon --show
#
cat /proc/swaps
```

2. Swap

```
top
# M P CPU
#
htop
```

3. Swap

```
# 4GB Swap
sudo fallocate -l 4G /swapfile
#
sudo dd if=/dev/zero of=/swapfile bs=1M count=4096
```


6. `df`

`vm.vfs_cache_pressure`

```
# df
cat /proc/sys/vm/vfs_cache_pressure

# df
sudo sysctl vm.vfs_cache_pressure=50

# df
echo "vm.vfs_cache_pressure=50" | sudo tee -a /etc/sysctl.conf
sudo sysctl -p
```

7. `df` `Swap`

```
# df Swap
sudo swapoff /swapfile

# df Swap
sudo rm /swapfile

# df /etc/fstab
sudo nano /etc/fstab
```





8. `df` `Swap`

```
# df Swap
sudo swapoff /swapfile




# df Swap 8GB
sudo fallocate -l 8G /swapfile
sudo mkswap /swapfile
```

```
sudo swapon /swapfile
```




















9. Swap

```
#  Swap /dev/sdb1  
sudo mkswap /dev/sdb1  
sudo swapon /dev/sdb1  
  
#  /etc/fstab  
/dev/sdb1 none swap sw 0 0
```

10. Swap

```
#   
watch -n 1 free -h  
  
#  Swap  
sudo smem -s swap -r  
#   
sudo swapon --show
```



-  RAM \geq 4GB swappiness 10-30
-  SSD Swap SSD
- Swap
 - RAM < 2GB Swap = 2 RAM
 - 2GB \leq RAM < 8GB Swap =  RAM
 - RAM \geq 8GB Swap = 0.5 RAM
-  Swap Swap

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Revision #1

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