

20230508-Ubuntu-Note

Todo

- hibernate <https://ubuntuhandbook.org/index.php/2021/08/enable-hibernate-ubuntu-21-10/>

```
$ df -h Filesystem Size Used Avail Use% Mounted on tmpfs 787M 2.1M 785M 1% /run /dev/sda7 255G 45G 197G 19% / tmpfs 3.9G 100M 3.8G 3% /dev/shm tmpfs 5.0M 4.0K 5.0M 1% /run/lock /dev/sda2 256M 87M 170M 34% /boot/efi tmpfs 787M 2.4M 785M 1% /run/user/1000
```

```
$ blkid /dev/sda7: UUID="23063ca9-91bf-4d77-865f-4e8a2191c19e" BLOCK_SIZE="4096" TYPE="ext4" PARTUUID="44ef08aa-7eda-4c5f-a61d-e7e444a72890"
```

```
$ sudo filefrag -v /swapfile [sudo] kazu のパスワード: Filesystem type is: ef53 File size of /swapfile is 2147483648 (524288 blocks of 4096 bytes) ext: logical_offset: physical_offset: length: expected: flags: 0: 0.. 63487: 34816.. 98303: 63488:
```

```
1: 63488.. 126975: 100352.. 163839: 63488: 98304: 2: 126976.. 190463: 165888.. 229375: 63488: 163840: 3: 190464.. 253951: 231424.. 294911: 63488: 229376: 4: 253952.. 481279: 296960.. 524287: 227328: 294912: 5: 481280.. 524287: 557056.. 600063: 43008: 524288: last,eof /swapfile: 6 extents found
```

... secure boot をオフにすることが前提と書かれていた。

<https://www.linuxuprising.com/2021/08/how-to-enable-hibernation-on-ubuntu.html>

前半は、先のサイトと同様（SwapファイルのUUID,Offsetを設定してGrubをしなおす。 そのあと、以下（initramfsをアップデート）

/etc/initramfs-tools/conf.d/resume

```
RESUME=UUID=23063ca9-91bf-4d77-865f-4e8a2191c19e
resume_offset=34816
```

```
sudo update-initramfs -c -k all
```

やはりsecure bootをオフにする。

<https://itadminguide.com/disable-secure-boot-in-ubuntu/#:~:text=Disable%20Secure%20Boot%20in%20Ubuntu%201%20Identify%20if,Any%20key%20in%20Shim%20Signed%20Key%20Management%20>

```
kazu@kazu-PC-GN246Y3A5 14:00:20 ~ $ sudo mokutil --sb-state SecureBoot enabled kazu@kazu-PC-GN246Y3A5 14:00:26 ~ $ sudo mokutil --disable-validation password length: 8~16 input password: input password again: kazu@kazu-PC-GN246Y3A5 14:00:48 ~ $ shutdown -r Reboot scheduled for Tue 2023-05-09 14:02:13 JST, use 'shutdown -c' to cancel. kazu@kazu-PC-GN246Y3A5 14:01:13 ~
```

Power off menuに追加

```
sudo vi /etc/polkit-1/localauthority/50-local.d/com.ubuntu.enable-ibernate.pkla
```

[Re-enable hibernate by default in upower] Identity=unix-user:* Action=org.freedesktop.upower.hibernate
ResultActive=yes

[Re-enable hibernate by default in logind] Identity=unix-user:*
Action=org.freedesktop.login1.hibernate;org.freedesktop.login1.handle-hibernate-
key;org.freedesktop.login1;org.freedesktop.login1.hibernate-multiple-
sessions;org.freedesktop.login1.hibernate-ignore-inhibit
ResultActive=yes