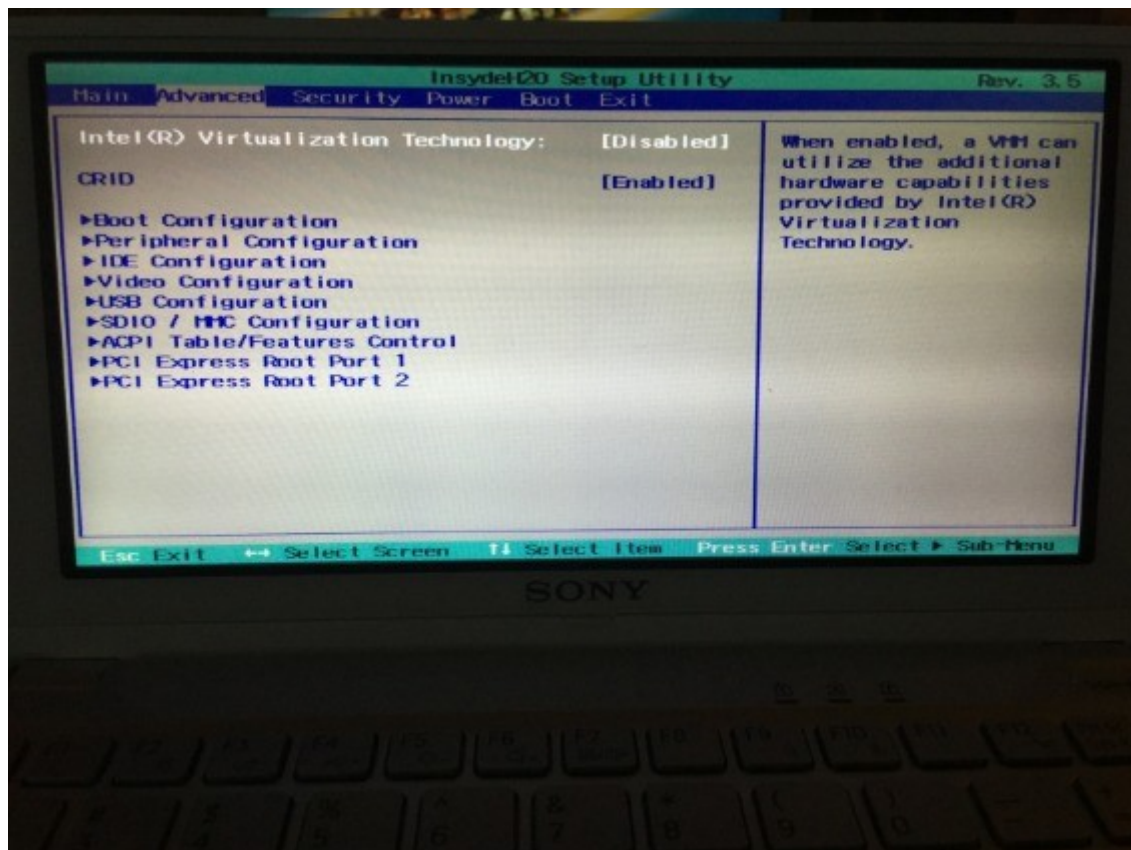


VAIO P (1st gen) BIOS hidden menu to fix battery leak

While i was researching of Vaip P SSD information, I accidentally found the japanese blog discussed about modified latest BIOS file to enable the hidden BIOS menu.

Once we got the hidden BIOS menu and disable "S4 wake up", the battery leak should be fixed.



Here are the link of reference sites. Site are japanese, you could simply copy and use google translator to english.

VAIO Type P の BIOS を改造して隠し項目を出してみる – digital10ve –

<http://seamade.blog33.fc2.com/blog-entry-260.html>

お漏らし対策から出た・・・VAIO P BIOS 改造 パッチ・・・: n-labo Technologies

<http://n-labo.cocolog-nifty.com/blog...-bios-7e5.html>

電源 OFF でのバッテリー消費を抑えられる？

<http://vaio-p.blog.so-net.ne.jp/2010-06-10>

I translate English step by step only (all credits goes to original writer

<http://seamade.blog33.fc2.com/>)

1. Download files 1,2,3,4 and save to Desktop.

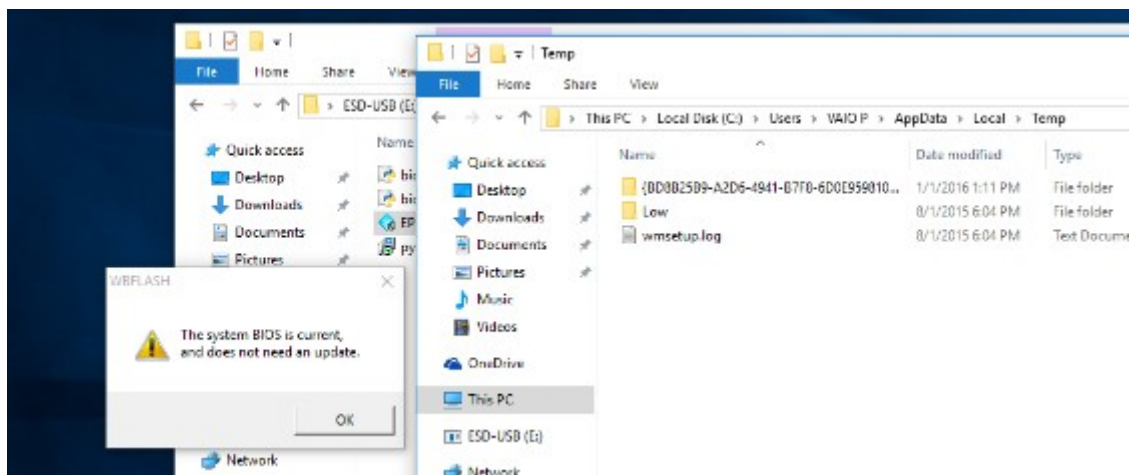
① EP0000218377.exe // брать тут: <https://www.sony.ru/electronics/support/vgn-series-vgnp30-series/vgn-p31zrk/downloads/Z0000635> – для своей модели.

② python-2.6.2 // <https://www.python.org/ftp/python/2.6.2/python-2.6.2.msi>

③ bios_ex_patch1.py

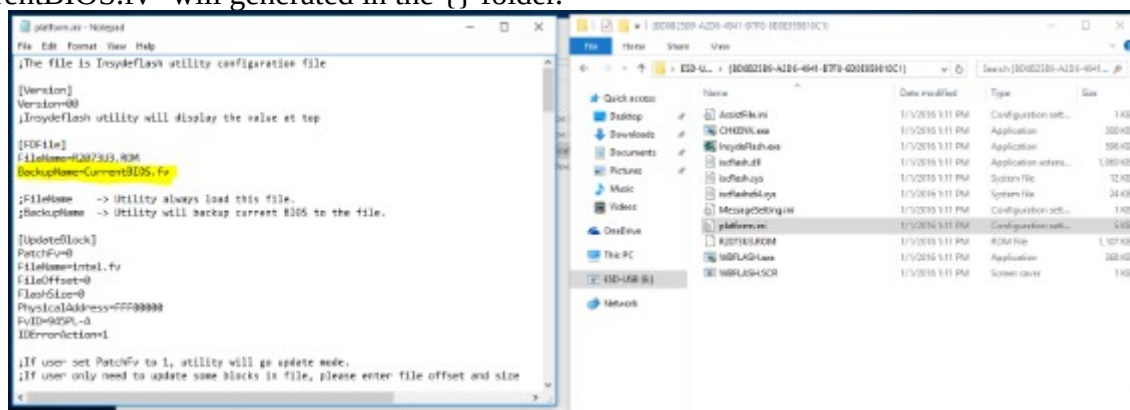
④ bios_ex_patch2.py // оба тут: <https://yadi.sk/d/iVfNJY2PweL8LA>

2. Run EP0000218377.exe and it will popout "does not need to update" windows. Then, left the pop up window open, go to C:\Users\username\AppData\Local\Temp find out a folder with bracket { } with random number and letters. Copy the folder to desktop. You can rename it to short folder name.

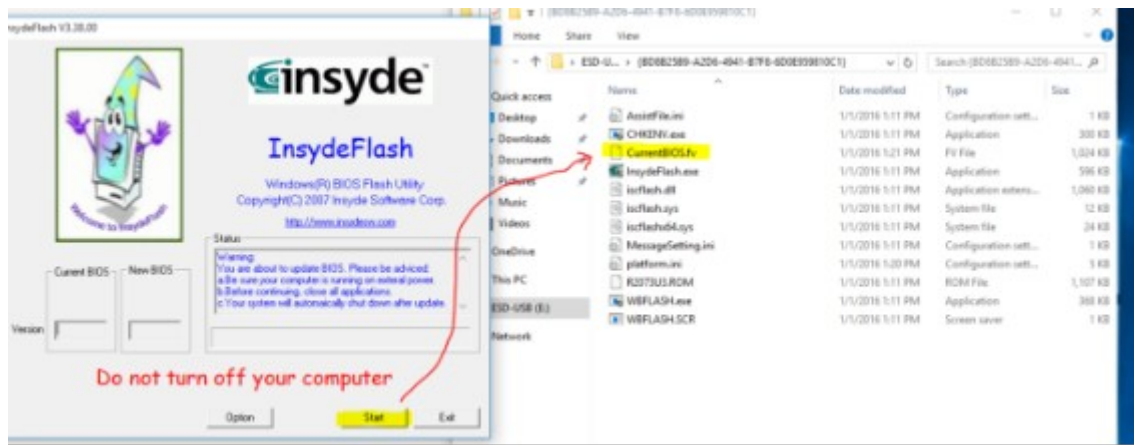


3. In {} folder, there is a "Platform.ini". Open it with notepad. Modify as following.
[FDFile] BackupName=CurrentBIOS.fv
[Option] Flag=1

4. And then, In {} folder, run insydeflash. And click "Start" button. If you success, a file "CurrentBIOS.fv" will generated in the {} folder.

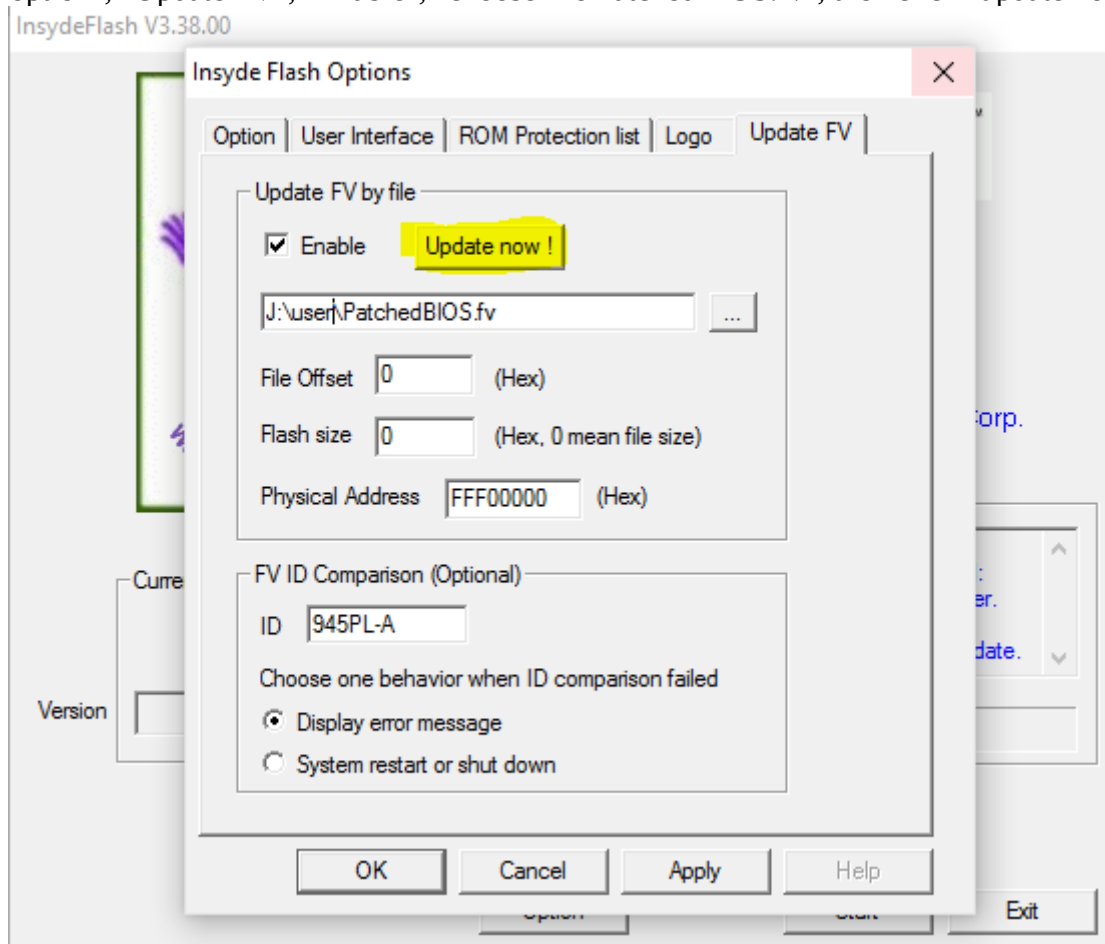


5. copy "CurrentBIOS.fv", "bios_ex_patch1.py", "bios_ex_patch2.py" three files to your user folder. (Because of access permission issue, it is better put all files in the User folder.)
C:\Users\username\CurrentBIOS.fv
C:\Users\username\bios_ex_patch1.py
C:\Users\username\bios_ex_patch2.py



6. Then, go to windows CMD command prompt, and runs two commands separately, one by one,
 C:\Users\username> "C:\Python26\python.exe" bios_ex_patch1.py CurrentBIOS.fv
 PatchedBIOS1.fv
 C:\Users\username> "C:\Python26\python.exe" bios_ex_patch2.py PatchedBIOS1.fv
 PatchedBIOS.fv
 If you success, a file "PatchedBIOS.fv" will generated in the C:\Users\username folder.

7. Copy the PatchedBIOS in the {} folder and open "InsydeFlash.exe".
 Click "option", "Update FV", "Enable", "choose file PatchedBIOS.fv", then click "update now".



8. After you click "update now", the InsydeFlash program will close immediately, but it actually running in the background. The writer suggested to wait 3 mins and Restart PC. (I waited 10 mins to restart PC)

9. Restart PC and click F2 to BIOS, in the Advance, you will see the hidden menu.

10. They suggest to disable "ACPI Table/Features Control", "FACP - RTC S4 Wakeup"

Last edited by someonehoi; 02-08-2016 at 03:00 AM.

На Win7 Ult утилита InsydeFlash не запускалась в оконном режиме, а только отработывала в фоне.

Поэтому чтобы в пп.7 и 8 прошилась патченная версия БИОСа, нужно было подправить конфиг platform.ini:

PatchFv=1

FileName=PatchedBIOS.fv

После этого запустить утилиту InsydeFlash и подождать минут 5 (можно отслеживать процесс InsydeFlash в диспетчере задач – он должен появиться, отработать и исчезнуть, после чего нужно буде трижды прочесть “Отче наш” или два раза висы с 75 по 82 из “Речей Высокого” — на выбор :)).

После прошивки перезагружаемся, идём в BIOS во вкладку "Power":

"Advanced CPU Control"

"Thermal Mode - Disabled"

"DTS- Disabled"

"Thermal Trip Points Setting- 75°C и 90°C"