

## Introduction

According to AptioFixPkg's README, "[c]ertain firmwares fail to properly initialize 0xE2 MSR register (MSR\_BROADWELL\_PKG\_CST\_CONFIG\_CONTROL) across all the cores....

CFG Lock option is available on most APTIO V firmware, although it may be hidden from the GUI. If VerifyMsR2 reports that your 0xE2 register is consistently locked, you may try to unlock this option directly."

## How to Unlock

**TM1701:** Cyb and FallenChromium created script to unlock. Please download DVMT\_\_and\_\_0xE2\_fix and read README to unlock.

**TM1905:** Use the configuration table with RU.efi to unlock CFG LOCK.

After that, you should disable MSR 0xE2 patches. - For Clover users, change the following code to disable MSR 0xE2 patch:

```
<key>KernelPm</key>
- <true/>
+ <false/>
```

- For OC users, change the following code to disable MSR 0xE2 patch:

```
<key>AppleXcpmCfgLock</key>
- <true/>
+ <false/>
```

## Credits

- Acidanthera
  - AptioFixPkg
  - OpenCorePkg
- Cyb and FallenChromium for efforts on 8th Gen model
- htmambo for efforts on 10th Gen model