

# OpenCore Sammelthread (Hilfe und Diskussion)

Beitrag von „Proxary“ vom 25. August 2019, 15:00

[schmalen](#) hey versuche mal alles so einzustellen wie es im Standard vor konfiguriert ist habe ich nämlich auch gemacht und nun kann ich ohne osxfixdrive2 booten und die frage ist hast du ein Zxxx board ? weil wenn ja musst du auch noch denn nvram Emulated konfigurieren so weit in Configuration steht das nur diese Mainbords bekannt sind aber bin mir dort nicht sicher

B360

B365

H310

H370

Q370

Z390

diese einträge findest du unter booter und quirks am besten mit plistpro editor oder Xcode da der OpenCore Configurator für 0.0.3 ist und er ist auch etwas noch verbuggt sollte nur benutzt werden um denn smbios zu setzen und dann alles per Hand rüber kopieren

Code

1. AvoidRuntimeDefrag: This option fixes UEFI runtime services (date, time, NVRAM, power control, etc.), Most but Apple and VMware firmwares need this quirk. maybe required for Z390 or other Boards with NVRAM Issues. Default=YES

Code

1. DisableVariableWrite: This is a security option allowing one to restrict NVRAM access in macOS. This quirk requires OC\_FIRMWARE\_RUNTIMEprotocol implemented in FwRuntimeServices.efi.can also be used as an ugly workaround to buggy UEFI runtime services implementations that fail to write variables to NVRAM (Z390) and break the rest of the operating system. Default=NO

#### Code

1. DiscardHibernateMap: This may be used to workaround buggy memory maps on older hardware, and is now considered rare legacy. Default=NO

#### Code

1. EnableSafeModeSlide: The necessity of this quirk is determined by safe mode availability. If booting to safe mode fails, this option can be tried to be enabled. This option is relevant to the users that have issues booting to safe mode (e.g. by holding shift or using -x boot argument). By default safe mode forces 0 slide as if the system was launched with slide=0 boot argument. This quirk tries to patch boot.efi to lift that limitation and let some other value (from 1 to 255) be used. This quirk requires ProvideCustomSlide to be enabled. Default=YES

#### Code

1. EnableWriteUnprotector: This option bypasses R^X permissions in code pages of UEFI runtime services by removing write protection (WP) bit from CR0 register during their execution. This quirk requires OC\_FIRMWARE\_RUNTIME protocol implemented in FwRuntimeServices.efi. Default=YES

#### Code

1. ForceExitBootServices: Try to ensure that ExitBootServices call succeeds even with outdated MemoryMap key argument, this quirk is determined by early boot crashes of the firmware. Default=NO

#### Code

1. ProtectCsmRegion: The necessity of this quirk is determined by artifacts and sleep wake issues. As AvoidRuntimeDefrag resolves a similar problem, no known firmwares should need this quirk. Default=No

#### Code

1. ProvideCustomSlide: Provide custom KASLR slide on low memory, this option forces macOS to use a pseudo random value among the available ones. This also ensures that slide=argument is never passed to the operating system for security reasons. Default=YES

#### Code

1. SetupVirtualMap: The necessity of this quirk is determined by early boot failures, workarounds the problem by performing early boot identity mapping of assigned virtual addresses to physical memory. Default=YES

Code

1. ShrinkMemoryMap: Select firmwares have very large memory maps, which do not fit Apple kernel, permitting up to 64 slots for runtime memory. This quirk attempts to unify contiguous slots of similar types to prevent boot failures. Default=NO

EDIT:

am besten benutze keine andere Drives ausser die von OpenCore und nur virtualsmc sollten dort im Ordner drinnen sein für eine sicheren und stabilen bootloader 😊

Code

1. ApfsDriverLoader.efi

Code

1. AppleGenericInput.efi

Code

1. AppleUISupport.efi

Code

1. FWRuntimeServices.efi

Code

1. UsbKbDxe.efi

Code

1. VBoxHfs.efi

Code

1. VirtualSmc.efi

Sollten nur drinnen sein hier die Drivers

<https://github.com/acidanthera/AppleSupportPkg/releases>

und hier virtualsmc

<https://github.com/acidanthera/VirtualSMC/releases>

und nicht vergessen virtualsmc.kext in Kexts Ordner hinzufügen und in der Config.plist einzutragen 😊

ahso und setze ProvideConsoleGop=TRUE um denn memory fix zu aktivieren