

# OpenCore Sammelthread (Hilfe und Diskussion)

Beitrag von „Retch“ vom 2. Februar 2020, 15:07

[plutect](#)

Ich weiß nicht wie man ohne größeren Aufwand Karachos 3084547 bzw 0x2F1103 zurückrechnet damit man weiß woraus sich der OC\_SCAN zusammensetzt, aber du kannst dir doch selber einen Wert errechnen der für dein System passt.

In den [Docs](#) steht das ja drin, aber hier nochmal als Screenshot. Die Option die für dich wahrscheinlich wichtig ist habe ich mal gleich markiert.

- 0x00000001 (bit 0) — OC\_SCAN\_FILE\_SYSTEM\_LOCK, restricts scanning to only known file systems defined as a part of this policy. File system drivers may not be aware of this policy, and to avoid mounting of undesired file systems it is best not to load its driver. This bit does not affect drag mounting, which may have any file system. Known file systems are prefixed with OC\_SCAN\_ALLOW\_FS\_.
- 0x00000002 (bit 1) — OC\_SCAN\_DEVICE\_LOCK, restricts scanning to only known device types defined as a part of this policy. This is not always possible to detect protocol tunneling, so be aware that on some systems it may be possible for e.g. USB HDDs to be recognised as SATA. Cases like this must be reported. Known device types are prefixed with OC\_SCAN\_ALLOW\_DEVICE\_.
- 0x00000100 (bit 8) — OC\_SCAN\_ALLOW\_FS\_APFS, allows scanning of APFS file system.
- 0x00000200 (bit 9) — OC\_SCAN\_ALLOW\_FS\_HFS, allows scanning of HFS file system.
- 0x00000400 (bit 10) — OC\_SCAN\_ALLOW\_FS\_ESP, allows scanning of EFI System Partition file system.
- 0x00000800 (bit 11) — OC\_SCAN\_ALLOW\_FS\_NTFS, allows scanning of NTFS (Microsoft Basic Data) file system.
- 0x00001000 (bit 12) — OC\_SCAN\_ALLOW\_FS\_EXT, allows scanning of EXT (Linux Root) file system.
- 0x00010000 (bit 16) — OC\_SCAN\_ALLOW\_DEVICE\_SATA, allow scanning SATA devices.
- 0x00020000 (bit 17) — OC\_SCAN\_ALLOW\_DEVICE\_SAS, allow scanning SAS and Mac NVMe devices.
- 0x00040000 (bit 18) — OC\_SCAN\_ALLOW\_DEVICE\_SCSI, allow scanning SCSI devices.
- **0x00080000 (bit 19) — OC\_SCAN\_ALLOW\_DEVICE\_NVME, allow scanning NVMe devices.**
- 0x00100000 (bit 20) — OC\_SCAN\_ALLOW\_DEVICE\_ATAPI, allow scanning CD/DVD devices.
- 0x00200000 (bit 21) — OC\_SCAN\_ALLOW\_DEVICE\_USB, allow scanning USB devices.
- 0x00400000 (bit 22) — OC\_SCAN\_ALLOW\_DEVICE\_FIREWIRE, allow scanning FireWire devices.
- 0x00800000 (bit 23) — OC\_SCAN\_ALLOW\_DEVICE\_SD\_CARD, allow scanning card reader devices.

Note: Given the above description, 0x00100 value is expected to allow scanning of SATA, SAS, SCSI, and NVMe devices with APFS file system, and prevent scanning of any devices with HFS or FAT32 file systems in addition to not scanning APFS file systems on USB, CD, and FireWire drives. The combination reads as:

- OC\_SCAN\_FILE\_SYSTEM\_LOCK
- OC\_SCAN\_DEVICE\_LOCK
- OC\_SCAN\_ALLOW\_FS\_APFS
- OC\_SCAN\_ALLOW\_DEVICE\_SATA
- OC\_SCAN\_ALLOW\_DEVICE\_SAS
- OC\_SCAN\_ALLOW\_DEVICE\_SCSI
- OC\_SCAN\_ALLOW\_DEVICE\_NVME