OpenCore

Errata Sheet

[2021.02.13]

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1 Introduction

This document provides information on select issues discovered in the relesed versions of OpenCore and provides workarounds whenever possible. This document is updated after OpenCore is released and is thus not contained in the binary packages.

This document contains issues considered causing significant impact on the end-user. More details on all known issues including feature requests and development version issues can be found at Acidanthera Bugtracker.

2 Issue list

- **Identifier**: `ERR059-1`
  Published: 2020-06-02 08:06 MSK
  Updated: 2020-06-21 18:22 MSK
  Affected versions: 0.5.9
  Resolved in: 0.6.0 (9d5aa267)
  Description:

  Boot picker menu may not show when upgrading macOS with the following error:

  ```
  OCUI: Entry kind 16 unsupported for Icon
  OCB: ShowMenu failed - Unsupported
  Halting on critical error
  ```

  Possible workarounds:

  - Add `run-efi-updater` variable with `NO` string value `OR`
  - Avoid using OpenCanopy `OR`
  - Disable showing picker by setting `ShowPicker` to `false` `OR`
  - Update to master version

- **Identifier**: `ERR059-2`
  Published: 2020-06-02 08:06 MSK
  Updated: 2020-06-21 18:22 MSK
  Affected versions: 0.5.9
  Resolved in: 0.6.0 (670d4e0c)
  Description:

  Incorrect operating system may be selected as the default during macOS upgrade when Windows and macOS are installed on the same disk. Reference: acidanthera/bugtracker#948.

  Possible workarounds:

  - Add `run-efi-updater` variable with `NO` string value `OR`
  - Install Windows on a separate disk `OR`
  - Update to master version

- **Identifier**: `ERR059-3`
  Published: 2020-06-21 18:22 MSK
  Updated: 2020-06-21 18:22 MSK
  Affected versions: 0.5.9
  Resolved in: 0.6.0 (2449e47c)
  Description:

  DEBUG builds may fail to load due to unaligned access assertion when accessing device paths. Reference: acidanthera/bugtracker#951.

  Possible workarounds:

  - Avoid using DEBUG builds `OR`
  - Update to master version

- **Identifier**: `ERR059-4`
  Published: 2020-06-24 21:18 MSK
  Updated: 2020-07-05 23:20 MSK
  Affected versions: 0.5.9
  Resolved in: 0.6.0 (d8ace476)
  Description:

  Driver injection into `kernel collections` normally used in macOS 11, and required for macOS 11 installer, is unsupported.

  Possible workarounds:

  - For **preview** version of KernelCollection injection code please update to commit `d8ace476` and make sure that variables forcing legacy kernel loading (`booter-fileset-kernel` and `booter-fileset-basesystem`) are deleted from NVRAM.
  - For **preinstalled** versions of macOS 11 add NVRAM variable `7C436110-AB2A-4BBB-A880-FE41995C9F82:booter-fileset-kernel` with `00` value; for some EfiBoot variants it may also be required to set `booter-fileset-basesystem` variable with `00` value.

- **Identifier**: `ERR059-5`
  Published: 2020-07-25 18:24 MSK
  Updated: 2020-07-25 18:24 MSK
  Affected versions: 0.0.3-0.5.9
  Resolved in: 0.6.0 (426a5dbe)
  Description:

  `OSXSAVE` CPUID feature may not be reported to macOS release kernels when emulating the CPUID causing crashes of select programs relying on `Hypervisor.framework` like Docker. Reference: acidanthera/bugtracker#1035.

  Possible workarounds:

  - Manually enable the `OSXSAVE` bit in `ECX` register `OR`
  - Update to master version

- **Identifier**: `ERR060-1`
  Published: 2020-08-22 03:10 MSK
  Updated: 2020-08-22 03:10 MSK
  Affected versions: 0.0.1-0.6.0
  Resolved in: 0.6.1 (89be8ea5)
  Description:

  APFS-formatted macOS Recovery (e.g. Big Sur Recovery) will not load with a boot failure error. Reference: acidanthera/bugtracker#1078.

  Possible workarounds:

  - Enable `JumpstartHotPlug` `OR`
  - Update to master version

- **Identifier**: `ERR061-1`
  Published: 2020-09-11 14:55 MSK
  Updated: 2020-09-11 14:55 MSK
  Affected versions: 0.5.3-0.6.1
  Resolved in: 0.6.2 (d3cf117c)
  Description:

  APFS-formatted drives previously made available with `ApfsImageLoader.efi` driver are no longer visible with OpenCore builtin `EnableJumpstart` APFS functionality on platforms that need `UnblockFsConnect` quirk. Reference: acidanthera/bugtracker#1128.

  Possible workarounds:

  - Update to master version `OR`
  - Disable `ConnectDrivers` and enable `GlobalConnect` (may cause performance and compatibility issues depending on the driver use)

- **Identifier**: `ERR062-1`
  Published: 2020-10-25 01:22 MSK
  Updated: 2020-11-01 13:28 MSK
  Affected versions: 0.6.1-0.6.2
  Resolved in: 0.6.3 (1b004149)
  Description:

  Booting Big Sur beta 10 or newer will cause a kernel panic in `apfs.kext` with the `Rooting from the live fs of a sealed volume is not allowed on a RELEASE build` message. Reference: acidanthera/bugtracker#1235.

  Possible workarounds:

- Update to master version `OR`
- Set `SecureBootModel` to `Disabled`

Note: On virtual machines `ForceSecureBootScheme` will also need to be enabled if `SecureBootModel` is different from `x86legacy` or `Disabled`.