



# **OpenCore**

## Errata Sheet

[2024.12.29]

# 1 Introduction

This document provides information on select issues discovered in the released 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`.

- **Identifier:** ERR067-1  
**Published:** 2021-02-20 10:42 MSK  
**Updated:** 2021-02-20 10:42 MSK  
**Affected versions:** 0.6.6  
**Resolved in:** 0.6.7 (b4449f48)  
**Description:**

Loading OpenCore via bootstrap may fail on certain Mac firmwares. Reference: [acidanthera/bugtracker#1502](#).

**Possible workarounds:**

- Update to master version

- **Identifier:** ERR088-1  
**Published:** 2023-01-07 21:29 MSK  
**Updated:** 2023-01-07 21:29 MSK  
**Affected versions:** 0.8.8  
**Resolved in:** 0.8.9 (092af5d9)  
**Description:**

Loading macOS in OpenDuet may fail. Reference: [acidanthera/bugtracker#2190](#).

**Possible workarounds:**

- Update OpenDuet to master version

- **Identifier:** ERR088-2  
**Published:** 2024-02-06 13:36 GMT  
**Updated:** 2024-02-06 13:36 GMT  
**Affected versions:** 0.8.8+  
**Resolved in:** Won't fix  
**Description:**

Some released versions of Linux kernel 6.7 and release candidates of 6.8 fail to load when using OpenDuet. This has been accepted as a bug in the Linux kernel, for which a fix will be released in 6.8 and backported to 6.7. Reference: [acidanthera/bugtracker#2371](#).

**Possible workarounds:**

- Use OpenDuet 0.8.7 or earlier, or wait for fixed Linux kernels to be released.

- **Identifier:** ERR098-1  
**Published:** 2024-02-08 09:28 GMT  
**Updated:** 2024-02-08 09:28 GMT  
**Affected versions:** 0.9.8  
**Resolved in:** 0.9.9 (4314fb31)  
**Description:**

`ocvalidate` may report that `OpenVariableRuntimeDxe.efi` is incompatible with `FirmwareSettingsEntry.efi` even when `FirmwareSettingsEntry.efi` is not included and active in `config.plist Drivers` section. Reference: [acidanthera/bugtracker#2379](#).

**Possible workarounds:**

- For 0.9.8 use version of `ocvalidate` provided in a comment on the above issue.

- **Identifier:** ERR102-1  
**Published:** 2024-11-30 18:46 GMT  
**Updated:** 2024-11-30 18:46 GMT  
**Affected versions:** 1.0.2

**Resolved in:** 1.0.3 (35bcb134)

**Description:**

Vault `sign.command` from 1.0.2 cannot correctly sign 1.0.2 RELEASE build. Reference: [acidanthera/bugtracker#2443](#).

**Possible workarounds:**

- If it is required to sign 1.0.2 releases, the updated `sign.command` provided with 1.0.3 may be used.