

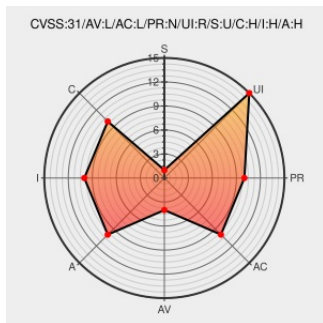


# CVE-2020-3845

Published on: 02/27/2020 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

## CVE-2020-3845

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Mac Os X](#) from [Apple](#) contain the following vulnerability:

A memory corruption issue was addressed with improved memory handling. This issue is fixed in macOS Catalina 10.15.3. An application may be able to execute arbitrary code with system privileges.

CVE-2020-3845 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - **macOS** version < **macOS Catalina 10.15.3**

CVSS3 Score: **7.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **9.3 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>COMPLETE</b>        | <b>COMPLETE</b>   | <b>COMPLETE</b>     |

## CVE References

| Description                                                                                                                                 | Tags                                                                                                  | Link                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| About the security content of macOS Catalina 10.15.3, Security Update 2020-001 Mojave, Security Update 2020-001 High Sierra - Apple Support | <a href="#">Release Notes</a><br><a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a> | <a href="#">MISC support.apple.com/HT210919</a> |

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to [comment@cve.report](mailto:comment@cve.report).

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

| Type                                         | Vendor | Product  | Version | Update | Edition | Language |
|----------------------------------------------|--------|----------|---------|--------|---------|----------|
| Operating System                             | Apple  | Mac Os X | All     | All    | All     | All      |
| Operating System                             | Apple  | Mac Os X | All     | All    | All     | All      |
| cpe:2.3:o:apple:mac_os_x.*.*.*.*.*.*.*.*.*.* |        |          |         |        |         |          |
| cpe:2.3:o:apple:mac_os_x.*.*.*.*.*.*.*.*.*.* |        |          |         |        |         |          |

No vendor comments have been submitted for this CVE

← Previous ID

Next ID →