



# CVE-2020-27915

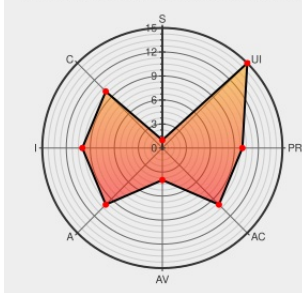
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## CVE-2020-27915

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

CVSS:31/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H



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

A memory corruption issue was addressed with improved input validation. This issue is fixed in macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave, macOS Big Sur 11.0.1. A malicious application may be able to execute arbitrary code with system privileges.

CVE-2020-27915 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - macOS version < 11.0

Affected Vendor/Software: **Apple** - macOS version < 11.1

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 | Taas | Link |
|-------------|------|------|
|-------------|------|------|

About the security content of macOS Big Sur 11.0.1 - Apple Support

support.apple.com  
text/html

🍏 MISC  
support.apple.com/en-us/HT211931

About the security content of macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave - Apple Support

support.apple.com  
text/html

🍏 MISC  
support.apple.com/en-us/HT212011

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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      |

cpe:2.3:o:apple:mac\_os\_x.\*.\*.\*.\*.\*.\*.\*.\*.\*.\*

No vendor comments have been submitted for this CVE

Social Mentions

| Source       | Title                                                                                                                                                                                                    | Posted (UTC)        |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 🐦 @CVEreport | CVE-2020-27915 : A memory corruption issue was addressed with improved input validation. This issue is fixed in mac... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> | 2021-04-02 18:14:45 |

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