



# CVE-2018-4456

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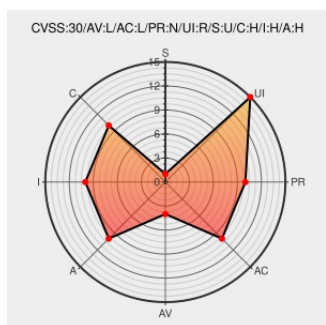
## CVE-2018-4456

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 input validation. This issue affected versions prior to macOS High Sierra 10.13.6, macOS Mojave 10.14.

CVE-2018-4456 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **9.3 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| NETWORK                | MEDIUM            | NONE                |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| COMPLETE               | COMPLETE          | COMPLETE            |

## CVE References

| Description                                                                                                                               | Tags                                                                          | Link                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| About the security content of macOS Mojave 10.14.5, Security Update 2019-003 High Sierra, Security Update 2019-003 Sierra - Apple Support | <a href="https://support.apple.com/text/html">support.apple.com text/html</a> | CONFIRM <a href="https://support.apple.com/kb/HT210119">support.apple.com/kb/HT210119</a> |
| About the security content of macOS Mojave 10.14 - Apple                                                                                  | <a href="#">Vendor Advisory</a>                                               | MISC <a href="https://support.apple.com/kb/HT209139">support.apple.com/kb/HT209139</a>    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                     |                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="https://support.apple.com/text/html">support.apple.com</a><br><a href="#">text/html</a>                                    |                                                                                                                                                                                                                                      |
| Bugtraq: APPLE-SA-2019-5-13-2 macOS Mojave 10.14.5, Security Update 2019-003 High Sierra, Security Update 2019-003 Sierra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="https://seclists.org/text/html">seclists.org</a><br><a href="#">text/html</a>                                              |  <a href="#">BUGTRAQ 20190514 APPLE-SA-2019-5-13-2 macOS Mojave 10.14.5, Security Update 2019-003 High Sierra, Security Update 2019-003 Sierra</a>  |
| Full Disclosure: APPLE-SA-2019-5-13-2 macOS Mojave 10.14.5, Security Update 2019-003 High Sierra, Security Update 2019-003 Sierra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="https://seclists.org/text/html">seclists.org</a><br><a href="#">text/html</a>                                              |  <a href="#">FULLDISC 20190513 APPLE-SA-2019-5-13-2 macOS Mojave 10.14.5, Security Update 2019-003 High Sierra, Security Update 2019-003 Sierra</a> |
| About the security content of macOS High Sierra 10.13.6, Security Update 2018-004 Sierra, Security Update 2018-004 El Capitan - Apple Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Vendor Advisory</a><br><a href="https://support.apple.com/text/html">support.apple.com</a><br><a href="#">text/html</a> |  <a href="https://support.apple.com/kb/HT208937">MISC support.apple.com/kb/HT208937</a>                                                             |
| About the security content of macOS Mojave 10.14.2, Security Update 2018-003 High Sierra, Security Update 2018-006 Sierra - Apple Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Vendor Advisory</a><br><a href="https://support.apple.com/text/html">support.apple.com</a><br><a href="#">text/html</a> |  <a href="https://support.apple.com/kb/HT209341">MISC support.apple.com/kb/HT209341</a>                                                             |
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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                               | <a href="#">Apple</a> | <a href="#">Mac Os X</a> | All     | All    | All     | All      |
| Operating System                               | <a href="#">Apple</a> | <a href="#">Mac Os X</a> | All     | All    | All     | All      |
| <code>cpe:2.3:o:apple:mac_os_x:*****:.*</code> |                       |                          |         |        |         |          |
| <code>cpe:2.3:o:apple:mac_os_x:*****:.*</code> |                       |                          |         |        |         |          |

No vendor comments have been submitted for this CVE

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