

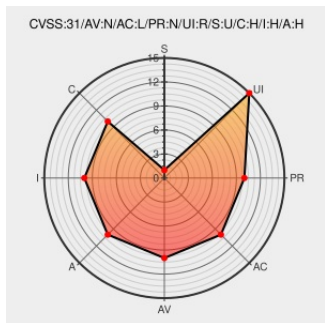


# CVE-2019-8751

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## CVE-2019-8751

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

Certain versions of [Icloud](#) from [Apple](#) contain the following vulnerability:

Multiple memory corruption issues were addressed with improved memory handling. This issue is fixed in Safari 13.0.1, iOS 13.1 and iPadOS 13.1, iCloud for Windows 10.7, iCloud for Windows 7.14, tvOS 13, watchOS 6, iTunes 12.10.1 for Windows. Processing maliciously crafted web content may lead to arbitrary code execution.

CVE-2019-8751 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</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: **6.8 - MEDIUM**

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

## CVE References

| Description                                                           | Tags                                                                                              | Link                                                  |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| About the security content of iCloud for Windows 7.14 - Apple Support | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> | <a href="#">MISC support.apple.com/en-us/HT210637</a> |

|                                                                          |                                                                                                   |                                                                                                                                           |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| About the security content of iCloud for Windows 10.7 - Apple Support    | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <a href="#">MISC support.apple.com/en-us/HT210636</a>  |
| About the security content of iTunes 12.10.1 for Windows - Apple Support | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <a href="#">MISC support.apple.com/en-us/HT210635</a> |
| About the security content of watchOS 6 - Apple Support                  | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <a href="#">MISC support.apple.com/en-us/HT210607</a> |
| About the security content of Safari 13.0.1 - Apple Support              | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <a href="#">MISC support.apple.com/en-us/HT210605</a> |
| About the security content of iOS 13.1 and iPadOS 13.1 - Apple Support   | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <a href="#">MISC support.apple.com/en-us/HT210603</a> |
| About the security content of tvOS 13 - Apple Support                    | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <a href="#">MISC support.apple.com/en-us/HT210604</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 |
|------------------|-----------------------|---------------------------|---------|--------|---------|----------|
| Application      | <a href="#">Apple</a> | <a href="#">Icloud</a>    | All     | All    | All     | All      |
| Application      | <a href="#">Apple</a> | <a href="#">Icloud</a>    | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Ipad Os</a>   | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Ipad Os</a>   | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Iphone Os</a> | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Iphone Os</a> | All     | All    | All     | All      |
| Application      | <a href="#">Apple</a> | <a href="#">Itunes</a>    | All     | All    | All     | All      |
| Application      | <a href="#">Apple</a> | <a href="#">Itunes</a>    | All     | All    | All     | All      |
| Application      | <a href="#">Apple</a> | <a href="#">Safari</a>    | All     | All    | All     | All      |
| Application      | <a href="#">Apple</a> | <a href="#">Safari</a>    | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Tvos</a>      | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Tvos</a>      | All     | All    | All     | All      |

|                                               |       |         |     |     |     |     |
|-----------------------------------------------|-------|---------|-----|-----|-----|-----|
| Operating System                              | Apple | Watchos | All | All | All | All |
| Operating System                              | Apple | Watchos | All | All | All | All |
| cpe:2.3:a:apple:icloud:*:*:*:*:*:windows:*:*: |       |         |     |     |     |     |
| cpe:2.3:a:apple:icloud:*:*:*:*:*:windows:*:*: |       |         |     |     |     |     |
| cpe:2.3:o:apple:ipad_os:*:*:*:*:*:*:          |       |         |     |     |     |     |
| cpe:2.3:o:apple:ipad_os:*:*:*:*:*:*:          |       |         |     |     |     |     |
| cpe:2.3:o:apple:iphone_os:*:*:*:*:*:*:        |       |         |     |     |     |     |
| cpe:2.3:o:apple:iphone_os:*:*:*:*:*:*:        |       |         |     |     |     |     |
| cpe:2.3:a:apple:itunes:*:*:*:*:*:windows:*:*: |       |         |     |     |     |     |
| cpe:2.3:a:apple:itunes:*:*:*:*:*:windows:*:*: |       |         |     |     |     |     |
| cpe:2.3:a:apple:safari:*:*:*:*:*:*:           |       |         |     |     |     |     |
| cpe:2.3:a:apple:safari:*:*:*:*:*:*:           |       |         |     |     |     |     |
| cpe:2.3:o:apple:tvos:*:*:*:*:*:*:             |       |         |     |     |     |     |
| cpe:2.3:o:apple:tvos:*:*:*:*:*:*:             |       |         |     |     |     |     |
| cpe:2.3:o:apple:watchos:*:*:*:*:*:*:          |       |         |     |     |     |     |
| cpe:2.3:o:apple:watchos:*:*:*:*:*:*:          |       |         |     |     |     |     |

No vendor comments have been submitted for this CVE

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