

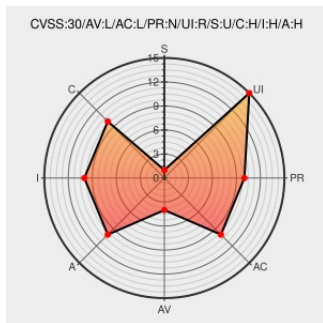


# CVE-2018-4414

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## CVE-2018-4414

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

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

A memory corruption issue was addressed with improved input validation. This issue affected versions prior to iOS 12, macOS Mojave 10.14, tvOS 12, watchOS 5, iTunes 12.9 for Windows, iCloud for Windows 7.7.

CVE-2018-4414 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    |
|------------------|------------------------|---------------------|---------------------|
| <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: **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 macOS Mojave 10.14 - 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/kb/HT209139</a> |
| About the security content of iCloud for Windows 7.7 - Apple Support | <a href="#">Vendor Advisory</a>                                                                   | <a href="#">MISC support.apple.com/kb/HT209141</a> |

[support.apple.com](https://support.apple.com)  
[text/html](#)

About the security content of watchOS 5 - Apple Support

[Vendor Advisory](#)  
[support.apple.com](https://support.apple.com)  
[text/html](#)

 [MISC support.apple.com/kb/HT209108](https://support.apple.com/kb/HT209108)

About the security content of iOS 12 - Apple Support

[Vendor Advisory](#)  
[support.apple.com](https://support.apple.com)  
[text/html](#)

 [MISC support.apple.com/kb/HT209106](https://support.apple.com/kb/HT209106)

About the security content of iTunes 12.9 for Windows - Apple Support

[Vendor Advisory](#)  
[support.apple.com](https://support.apple.com)  
[text/html](#)

 [MISC support.apple.com/kb/HT209140](https://support.apple.com/kb/HT209140)

About the security content of tvOS 12 - Apple Support

[Vendor Advisory](#)  
[support.apple.com](https://support.apple.com)  
[text/html](#)

 [MISC support.apple.com/kb/HT209107](https://support.apple.com/kb/HT209107)

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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="#">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      |
| 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      |
| 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 | <a href="#">Apple</a>     | <a href="#">Watchos</a>   | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a>     | <a href="#">Watchos</a>   | All     | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows</a>   | -       | All    | All     | All      |

[illegible]