

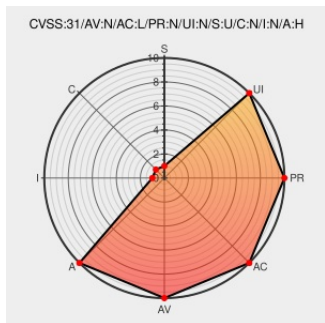


# CVE-2020-9991

Published on: 12/08/2020 12:00:00 AM UTC

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## CVE-2020-9991

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

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

This issue was addressed with improved checks. This issue is fixed in macOS Big Sur 11.0.1, watchOS 7.0, iOS 14.0 and iPadOS 14.0, iCloud for Windows 7.21, tvOS 14.0. A remote attacker may be able to cause a denial of service.

CVE-2020-9991 has been assigned by [product-security@apple.com](mailto:product-security@apple.com) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

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

## CVE References

| Description                                                           | Tags                                                                                              | Link                                                       |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| About the security content of iCloud for Windows 11.4 - Apple Support | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> | <a href="#">CONFIRM support.apple.com/kb/HT211846</a>      |
| Pony Mail!                                                            | <a href="#">Mailing List</a>                                                                      | <a href="#">MLIST [mina-dev] 20210225 [jira] [Created]</a> |

Third Party Advisory  
lists.apache.org  
text/html

(FTPSERVER-500) Security vulnerability in  
common/lib/log4j-1.2.17.jar

Full Disclosure: APPLE-SA-2020-12-14-4 Additional  
information for APPLE-SA-2020-11-13-1 macOS Big Sur  
11.0.1

Mailing List  
Third Party Advisory  
seclists.org  
text/html

 FULLDISC 20201215 APPLE-SA-2020-12-14-4  
Additional information for APPLE-SA-2020-11-13-1  
macOS Big Sur 11.0.1

About the security content of iOS 14.0 and iPadOS 14.0 -  
Apple Support

Vendor Advisory  
support.apple.com  
text/html

 MISC support.apple.com/en-us/HT211850

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

Vendor Advisory  
support.apple.com  
text/html

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

About the security content of watchOS 7.0 - Apple Support

Vendor Advisory  
support.apple.com  
text/html

 MISC support.apple.com/en-us/HT211844

About the security content of tvOS 14.0 - Apple Support

Vendor Advisory  
support.apple.com  
text/html

 MISC support.apple.com/en-us/HT211843

About the security content of iCloud for Windows 7.21 -  
Apple Support

Vendor Advisory  
support.apple.com  
text/html

 MISC support.apple.com/en-us/HT211847

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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="#">Ipados</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      |
| 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                              | Apple | Tvos    | All | All | All | All |
| Operating System                              | Apple | Tvos    | 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:ipados:*:*:*:*:*:*:           |       |         |     |     |     |     |
| 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:o:apple:mac_os_x:*:*:*:*:*:*:         |       |         |     |     |     |     |
| cpe:2.3:o:apple:mac_os_x:*:*:*:*:*:*:         |       |         |     |     |     |     |
| 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

| Social Mentions                              |       |              |
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