

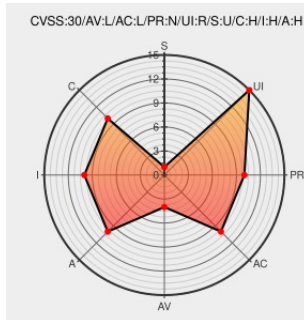


# CVE-2017-7172

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## CVE-2017-7172

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

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

An issue was discovered in certain Apple products. iOS before 11.2 is affected. macOS before 10.13.2 is affected. iCloud before 7.2 on Windows is affected. iTunes before 12.7.2 on Windows is affected. tvOS before 11.2 is affected. watchOS before 4.2 is affected. The issue involves the "CFNetwork Session" component. It allows attackers to

execute arbitrary code in a privileged context or cause a denial of service (memory corruption) via a crafted app.

CVE-2017-7172 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: **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                                               | Tags                          | Link                    |
|-----------------------------------------------------------|-------------------------------|-------------------------|
| About the security content of watchOS 4.2 - Apple Support | <a href="#">Vulnerability</a> | <a href="#">CONFIRM</a> |

|                                                                                                                                                   |                                                                                                   |                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| About the security content of watchOS 4.2 - Apple Support                                                                                         | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <b>CONFIRM</b><br><a href="#">support.apple.com/HT208325</a>   |
| About the security content of iOS 11.2 - Apple Support                                                                                            | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <b>CONFIRM</b><br><a href="#">support.apple.com/HT208334</a> |
| About the security content of iCloud for Windows 7.2 - Apple Support                                                                              | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <b>CONFIRM</b><br><a href="#">support.apple.com/HT208328</a> |
| About the security content of iTunes 12.7.2 for Windows - Apple Support                                                                           | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <b>CONFIRM</b><br><a href="#">support.apple.com/HT208326</a> |
| About the security content of macOS High Sierra 10.13.2, Security Update 2017-002 Sierra, and Security Update 2017-005 El Capitan - Apple Support | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <b>CONFIRM</b><br><a href="#">support.apple.com/HT208331</a> |
| About the security content of tvOS 11.2 - Apple Support                                                                                           | <a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <b>CONFIRM</b><br><a href="#">support.apple.com/HT208327</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="#">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="#">Tv os</a>     | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Tv os</a>     | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Watchos</a>   | All     | All    | All     | All      |
| Operating        | <a href="#">Apple</a> | <a href="#">Watchos</a>   | All     | All    | All     | All      |

|                                                |
|------------------------------------------------|
| System                                         |
| Operating SystemMicrosoftWindows-AllAllAll     |
| Operating SystemMicrosoftWindows-AllAllAll     |
| cpe:2.3:a:apple:icloud:*.*.*.*.*.*.*.*:        |
| cpe:2.3:a:apple:icloud:*.*.*.*.*.*.*.*:        |
| cpe:2.3:o:apple:iphone_os:*.*.*.*.*.*.*.*:     |
| cpe:2.3:o:apple:iphone_os:*.*.*.*.*.*.*.*:     |
| cpe:2.3:a:apple:itunes:*.*.*.*.*.*.*.*:        |
| cpe:2.3:a:apple:itunes:*.*.*.*.*.*.*.*:        |
| cpe:2.3:o:apple:mac_os_x:*.*.*.*.*.*.*.*:      |
| cpe:2.3:o:apple:mac_os_x:*.*.*.*.*.*.*.*:      |
| cpe:2.3:o:apple:tivos:*.*.*.*.*.*.*.*:         |
| cpe:2.3:o:apple:tivos:*.*.*.*.*.*.*.*:         |
| cpe:2.3:o:apple:watchos:*.*.*.*.*.*.*.*:       |
| cpe:2.3:o:apple:watchos:*.*.*.*.*.*.*.*:       |
| cpe:2.3:o:microsoft:windows:-:*.*.*.*.*.*.*.*: |
| cpe:2.3:o:microsoft:windows:-:*.*.*.*.*.*.*.*: |

No vendor comments have been submitted for this CVE

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