



# CVE-2019-7287

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2019-7287                                                                                                               |
| <b>State</b>           | PUBLIC                                                                                                                      |
| <b>Assigner</b>        | product-security@apple.com                                                                                                  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                |
| <b>Published</b>       | 2019-12-18 18:15:00 UTC                                                                                                     |
| <b>Updated</b>         | 2020-08-24 17:37:00 UTC                                                                                                     |
| <b>Description</b>     | A memory corruption issue was addressed with improved input validation. This issue is fixed in iOS 12.1.4. An application n |

## Risk And Classification

**EPSS:** 0.048690000 probability, percentile 0.895320000 (date 2026-04-06)

**CISA KEV:** Listed on 2022-05-23; due 2022-06-13; ransomware use Unknown

**Problem Types:** CWE-787

## CISA Known Exploited Vulnerability

|                        |                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Vendor</b>          | Apple                                                                                                       |
| <b>Product</b>         | iOS                                                                                                         |
| <b>Name</b>            | Apple iOS Memory Corruption Vulnerability                                                                   |
| <b>Required Action</b> | Apply updates per vendor instructions.                                                                      |
| <b>Notes</b>           | <a href="https://nvd.nist.gov/vuln/detail/CVE-2019-7287">https://nvd.nist.gov/vuln/detail/CVE-2019-7287</a> |

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                | Product                   | Version | Update | Edition | Language |
|------------------|-----------------------|---------------------------|---------|--------|---------|----------|
| 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      |

## References

| Reference                                                | Source  | Link                                                      | Tags                |
|----------------------------------------------------------|---------|-----------------------------------------------------------|---------------------|
| About the security content of iOS 12.1.4 - Apple Support | MISC    | <a href="https://support.apple.com">support.apple.com</a> | Vendor Advisory     |
| CVE Program record                                       | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>             | canonical           |
| NVD vulnerability detail                                 | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>           | canonical, analysis |

|                                                                      |      |                                                 |     |
|----------------------------------------------------------------------|------|-------------------------------------------------|-----|
| CISA Known Exploited Vulnerabilities catalog                         | CISA | <a href="https://www.cisa.gov">www.cisa.gov</a> | kev |
| No vendor comments have been submitted for this CVE.                 |      |                                                 |     |
| There are currently no legacy QID mappings associated with this CVE. |      |                                                 |     |

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