# CVE Detail – CVE-2021-1782

A race condition was addressed with improved locking. This issue is fixed in macOS Big Sur 11.2, Security Update 2021-001 Catalina, Security Update 2021-001 Mojave, watchOS 7.3, tvOS 14.4, iOS 14.4 and iPadOS 14.4. A malicious application may be able to elevate privileges. Apple is aware of a report that this issue may have been actively exploited..

## Threat-Mapped Scoring

Score: 0.0

Priority: Unclassified

## EPSS

EPSS Score: N/A

Percentile: 0.90344

## CVSS Scoring

CVSS v3.1 Score: 7.0

Severity: HIGH

## CISA KEV

KEV is present

## Mapped CWE(s)

* CWE-667: Improper Locking

## CAPEC(s)

* CAPEC-25: Forced Deadlock
* CAPEC-26: Leveraging Race Conditions
* CAPEC-27: Leveraging Race Conditions via Symbolic Links

## ATT&CK Techniques

* T1499.004: Application or System Exploitation

## Used By (Actors/Tools)

* Industroyer (malware)

## Affected Products

* cpe:2.3:o:apple:ipados:\*:\*:\*:\*:\*:\*:\*:\*
* 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:mac\_os\_x:10.14.6:-:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.14.6:security\_update\_2019-004:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.14.6:security\_update\_2019-005:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.14.6:security\_update\_2019-006:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.14.6:security\_update\_2019-007:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.14.6:security\_update\_2020-001:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.14.6:security\_update\_2020-002:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.14.6:security\_update\_2020-003:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.14.6:security\_update\_2020-004:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.14.6:security\_update\_2020-005:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.14.6:security\_update\_2020-006:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.14.6:security\_update\_2020-007:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.14.6:supplemental\_update:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.14.6:supplemental\_update\_2:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.15.7:-:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.15.7:supplemental\_update:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:macos:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:tvos:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:watchos:\*:\*:\*:\*:\*:\*:\*:\*