# CVE Detail – CVE-2021-30860

An integer overflow was addressed with improved input validation. This issue is fixed in Security Update 2021-005 Catalina, iOS 14.8 and iPadOS 14.8, macOS Big Sur 11.6, watchOS 7.6.2. Processing a maliciously crafted PDF may lead to arbitrary code execution. Apple is aware of a report that this issue may have been actively exploited.

## Threat-Mapped Scoring

Score: 1.8

Priority: P4 - Informational (Low)

## EPSS

EPSS Score: N/A

Percentile: 0.98555

## CVSS Scoring

CVSS v3.1 Score: 7.8

Severity: HIGH

## CISA KEV

KEV is present

## Mapped CWE(s)

* CWE-190: Integer Overflow or Wraparound

## CAPEC(s)

* CAPEC-92: Forced Integer Overflow

## Affected Products

* cpe:2.3:o:apple:ipados:\*:\*:\*:\*:\*:\*:\*:\*
* 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:10.15.7:-:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.15.7:security\_update\_2020:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.15.7:security\_update\_2020-001:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.15.7:security\_update\_2021-001:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.15.7:security\_update\_2021-002:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.15.7:security\_update\_2021-003:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.15.7:security\_update\_2021-004:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:macos:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:watchos:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:xpdfreader:xpdf:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:freedesktop:poppler:\*:\*:\*:\*:\*:\*:\*:\*