



# CVE-2024-27850

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

| Summary         |                                                                                                                              |
|-----------------|------------------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2024-27850                                                                                                               |
| State           | PUBLISHED                                                                                                                    |
| Assigner        | apple                                                                                                                        |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                                 |
| Published       | 2024-06-10 21:15:51 UTC                                                                                                      |
| Updated         | 2026-04-02 19:17:33 UTC                                                                                                      |
| Description     | This issue was addressed with improvements to the noise injection algorithm. This issue is fixed in Safari 17.5, iOS 17.5 an |

Risk And Classification

Primary CVSS: v3.1 6.5 MEDIUM from nvd@nist.gov

CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:H/A:N

EPSS: 0.010580000 probability, percentile 0.775690000 (date 2026-04-07)

Problem Types: NVD-CWE-noinfo | CWE-359 | A maliciously crafted webpage may be able to fingerprint the user | CWE-359 CWE-359 Exposure of Private Personal Information to an Unauthorized Actor

| Version | Source                               | Type      | Score | Severity | Vector                                       |
|---------|--------------------------------------|-----------|-------|----------|----------------------------------------------|
| 3.1     | nvd@nist.gov                         | Primary   | 6.5   | MEDIUM   | CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:H/A:N |
| 3.1     | ADP                                  | DECLARED  | 6.5   | MEDIUM   | CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:H/A:N |
| 3.1     | 134c704f-9b21-4f2e-91b3-4a467353bcc0 | Secondary | 6.5   | MEDIUM   | CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:H/A:N |

| CVSS v3.1 Breakdown |           |
|---------------------|-----------|
| Attack Vector       | Network   |
| Attack Complexity   | Low       |
| Privileges Required | None      |
| User Interaction    | Required  |
| Scope               | Unchanged |

Confidentiality

None

Integrity

High

Availability

None

CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:H/A:N



NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor | Product   | Version | Update | Edition | Language |
|------------------|--------|-----------|---------|--------|---------|----------|
| Operating System | Apple  | Ipados    | All     | All    | All     | All      |
| Operating System | Apple  | Iphone Os | All     | All    | All     | All      |
| Operating System | Apple  | Macos     | All     | All    | All     | All      |
| Application      | Apple  | Safari    | All     | All    | All     | All      |
| Operating System | Apple  | Visionos  | All     | All    | All     | All      |

Vendor Declared Affected Products

| Source | Vendor | Product        | Version              | Platforms     |
|--------|--------|----------------|----------------------|---------------|
| CNA    | Apple  | Safari         | affected 17.5 custom | Not specified |
| CNA    | Apple  | IOS And IPadOS | affected 17.5 custom | Not specified |
| CNA    | Apple  | MacOS          | affected 14.5 custom | Not specified |
| CNA    | Apple  | VisionOS       | affected 1.2 custom  | Not specified |
| ADP    | Apple  | Visionos       | affected 1.2 custom  | Not specified |
| ADP    | Apple  | Macos          | affected 14.5 custom | Not specified |
| ADP    | Apple  | Safari         | affected 17.5 custom | Not specified |
| ADP    | Apple  | Iphone Os      | affected 17.5 custom | Not specified |
| ADP    | Apple  | Ipad Os        | affected 17.5 custom | Not specified |

References

| Reference                              | Source                               | Link              | Tags                               |
|----------------------------------------|--------------------------------------|-------------------|------------------------------------|
| support.apple.com/en-us/HT214106       | af854a3a-2127-422b-91ae-364da2661108 | support.apple.com | Vendor Advisory                    |
| support.apple.com/en-us/120906         | product-security@apple.com           | support.apple.com |                                    |
| support.apple.com/kb/HT214106          | af854a3a-2127-422b-91ae-364da2661108 | support.apple.com |                                    |
| seclists.org/fulldisclosure/2024/Jun/5 | af854a3a-2127-422b-91ae-364da2661108 | seclists.org      | Mailing List, Third Party Advisory |
| support.apple.com/en-us/120903         | product-security@apple.com           | support.apple.com |                                    |
| support.apple.com/kb/HT214108          | af854a3a-2127-422b-91ae-364da2661108 | support.apple.com |                                    |
| support.apple.com/en-us/HT214101       | af854a3a-2127-422b-91ae-364da2661108 | support.apple.com | Vendor Advisory                    |

|                                                                                         |                                      |                                                           |                     |
|-----------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|---------------------|
| <a href="https://support.apple.com/en-us/HT214108">support.apple.com/en-us/HT214108</a> | af854a3a-2127-422b-91ae-364da2661108 | <a href="https://support.apple.com">support.apple.com</a> | Vendor Advisory     |
| <a href="https://support.apple.com/en-us/HT214103">support.apple.com/en-us/HT214103</a> | af854a3a-2127-422b-91ae-364da2661108 | <a href="https://support.apple.com">support.apple.com</a> | Vendor Advisory     |
| <a href="https://support.apple.com/kb/HT214101">support.apple.com/kb/HT214101</a>       | af854a3a-2127-422b-91ae-364da2661108 | <a href="https://support.apple.com">support.apple.com</a> |                     |
| <a href="https://support.apple.com/en-us/120896">support.apple.com/en-us/120896</a>     | product-security@apple.com           | <a href="https://support.apple.com">support.apple.com</a> |                     |
| <a href="https://support.apple.com/en-us/120905">support.apple.com/en-us/120905</a>     | product-security@apple.com           | <a href="https://support.apple.com">support.apple.com</a> |                     |
| <a href="https://support.apple.com/kb/HT214103">support.apple.com/kb/HT214103</a>       | af854a3a-2127-422b-91ae-364da2661108 | <a href="https://support.apple.com">support.apple.com</a> |                     |
| 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 |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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