



KPMG Cyber Threat Intelligence Platform

Cyber Threat Notification | Apple Patches Multiple Vulnerabilities Affecting macOS Monterey



Tracker ID: TN2357

Date: April 04, 2023

Category: Vulnerability

Industry: Technology

Region: All

Background

Multiple vulnerabilities in Apple macOS have been reported, potentially allowing an attacker to disclose sensitive information, circumvent security restrictions, spoof VPN servers, read or modify data, gain root privileges, execute arbitrary code, or cause denial of service conditions on the target system. These flaws occur in macOS Monterey due to memory issues, improper checks, improper input validation, curl issues, improper bound checks, privacy issues, logic issues, race condition mistakes, using an older version of Vim, and improper state management issues.

An attacker could leverage these flaws by launching a customized program. Successfully exploiting these vulnerabilities could enable the attacker to expose private information, circumvent security limitations, spoof VPN servers, access or change data, obtain root privileges, run arbitrary code, or cause a denial-of-service conditions on the target machine. Administrators must identify vulnerable Apple devices in their environments and apply the fix as soon as feasible.

Analysis

CVE ID	Severity	CVSS Score
CVE-2023-0433	High	7.8
CVE-2023-0512	High	7.8
CVE-2023-23514	High	7.8
CVE-2023-23527	N/A	N/A
CVE-2023-23533	N/A	N/A
CVE-2023-23538	N/A	N/A
CVE-2023-23540	N/A	N/A
CVE-2023-23542	N/A	N/A
CVE-2023-27933	N/A	N/A
CVE-2023-27935	N/A	N/A
CVE-2023-27936	N/A	N/A
CVE-2023-27937	N/A	N/A
CVE-2023-27942	N/A	N/A
CVE-2023-27944	N/A	N/A
CVE-2023-27946	N/A	N/A
CVE-2023-27949	N/A	N/A
CVE-2023-27951	N/A	N/A
CVE-2023-27953	N/A	N/A

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CVE-2023-27958	N/A	N/A
CVE-2023-27961	N/A	N/A
CVE-2023-27962	N/A	N/A
CVE-2023-27963	N/A	N/A
CVE-2023-28178	N/A	N/A
CVE-2023-28182	N/A	N/A
CVE-2023-28192	N/A	N/A
CVE-2023-28200	N/A	N/A

Affected Products

Apple macOS Monterey versions prior to 12.6.4.

Recommendations

- Administrators and organizations are encouraged to identify the vulnerable instances and implement the vendor-provided patch as soon as possible.
- Upgrade to the latest macOS Monterey version 12.6.4.

References

- Cert-IN, [CIVN-2023-0092] Multiple Vulnerabilities in Apple macOS, Indian - Computer Emergency Response Team , April 04, 2023, External Link (cert-in.org.in)
- Support, About the security content of macOS Monterey 12.6.4, Apple, March 27, 2023, External Link (support.apple.com).

In case of a Security Incident, please report to IN-FM KPMG SOC.

For any query or feedback, feel free to reach us at IN-FM KPMG CTI

KPMG in India Cyber Response Hotline : +91 9176471471

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