

About the security content of macOS Big Sur 11.6.6

This document describes the security content of macOS Big Sur 11.6.6.

About Apple security updates

For our customers' protection, Apple doesn't disclose, discuss, or confirm security issues until an investigation has occurred and patches or releases are available. Recent releases are listed on the [Apple security updates](#) page.

Apple security documents reference vulnerabilities by [CVE-ID](#) when possible.

For more information about security, see the [Apple Product Security](#) page.

macOS Big Sur 11.6.6

Released May 16, 2022

apache

Available for: macOS Big Sur

Impact: Multiple issues in apache

Description: Multiple issues were addressed by updating apache to version 2.4.53.

CVE-2021-44224

CVE-2021-44790

CVE-2022-22719

CVE-2022-22720

CVE-2022-22721

AppKit

Available for: macOS Big Sur

Impact: A malicious application may be able to gain root privileges

Description: A logic issue was addressed with improved validation.

CVE-2022-22665: Lockheed Martin Red Team

AppleAVD

Available for: macOS Big Sur

Impact: An application may be able to execute arbitrary code with kernel privileges. Apple is aware of a report that this issue may have been actively exploited.

Description: An out-of-bounds write issue was addressed with improved bounds checking.

CVE-2022-22675: an anonymous researcher

AppleEvents

Available for: macOS Big Sur

Impact: A remote attacker may be able to cause an unexpected app termination or arbitrary code execution

Description: A use after free issue was addressed with improved memory management.

CVE-2022-22630: Jeremy Brown working with Trend Micro Zero Day Initiative

Entry added June 8, 2023

AppleGraphicsControl

Available for: macOS Big Sur

Impact: Processing a maliciously crafted image may lead to arbitrary code execution

Description: A memory corruption issue was addressed with improved input validation.

CVE-2022-26751: Michael DePlante (@izobashi) of Trend Micro Zero Day Initiative

AppleScript

Available for: macOS Big Sur

Impact: Processing a maliciously crafted AppleScript binary may result in unexpected application termination or disclosure of process memory

Description: An out-of-bounds read issue was addressed with improved bounds checking.

CVE-2022-26698: Qi Sun of Trend Micro, Ye Zhang (@co0py_Cat) of Baidu Security

Entry updated July 6, 2022

AppleScript

Available for: macOS Big Sur

Impact: Processing a maliciously crafted AppleScript binary may result in unexpected application termination or disclosure of process memory

Description: An out-of-bounds read issue was addressed with improved input validation.

CVE-2022-26697: Qi Sun and Robert Ai of Trend Micro

CoreTypes

Available for: macOS Big Sur

Impact: A malicious application may bypass Gatekeeper checks

Description: This issue was addressed with improved checks to prevent unauthorized actions.

CVE-2022-22663: Arsenii Kostromin (0x3c3e)

CVMS

Available for: macOS Big Sur

Impact: A malicious application may be able to gain root privileges

Description: A memory initialization issue was addressed.

CVE-2022-26721: Yonghwi Jin (@jinmo123) of Theori

CVE-2022-26722: Yonghwi Jin (@jinmo123) of Theori

DriverKit

Available for: macOS Big Sur

Impact: A malicious application may be able to execute arbitrary code with system privileges

Description: An out-of-bounds access issue was addressed with improved bounds checking.

CVE-2022-26763: Linus Henze of Pinauten GmbH (pinauten.de)

Graphics Drivers

Available for: macOS Big Sur

Impact: A local user may be able to read kernel memory

Description: An out-of-bounds read issue existed that led to the disclosure of kernel memory. This was addressed with improved input validation.

CVE-2022-22674: an anonymous researcher

Intel Graphics Driver

Available for: macOS Big Sur

Impact: A malicious application may be able to execute arbitrary code with kernel privileges

Description: An out-of-bounds write issue was addressed with improved bounds checking.

CVE-2022-26720: Liu Long of Ant Security Light-Year Lab

Intel Graphics Driver

Available for: macOS Big Sur

Impact: A malicious application may be able to execute arbitrary code with kernel privileges

Description: An out-of-bounds read issue was addressed with improved input validation.

CVE-2022-26770: Liu Long of Ant Security Light-Year Lab

Intel Graphics Driver

Available for: macOS Big Sur

Impact: An application may be able to execute arbitrary code with kernel privileges

Description: An out-of-bounds write issue was addressed with improved input validation.

CVE-2022-26756: Jack Dates of RET2 Systems, Inc

Intel Graphics Driver

Available for: macOS Big Sur

Impact: A malicious application may be able to execute arbitrary code with kernel privileges

Description: A memory corruption issue was addressed with improved input validation.

CVE-2022-26769: Antonio Zekic (@antoniozekic)

Intel Graphics Driver

Available for: macOS Big Sur

Impact: Processing maliciously crafted web content may lead to arbitrary code execution

Description: An out-of-bounds write issue was addressed with improved input validation.

CVE-2022-26748: Jeonghoon Shin of Theori working with Trend Micro Zero Day Initiative

IOMobileFrameBuffer

Available for: macOS Big Sur

Impact: An application may be able to execute arbitrary code with kernel privileges

Description: A memory corruption issue was addressed with improved state management.

CVE-2022-26768: an anonymous researcher

Kernel

Available for: macOS Big Sur

Impact: An application may be able to execute arbitrary code with kernel privileges

Description: A memory corruption issue was addressed with improved validation.

CVE-2022-26714: Peter Nguyễn Vũ Hoàng (@peternguyen14) of STAR Labs (@starlabs_sg)

Kernel

Available for: macOS Big Sur

Impact: An application may be able to execute arbitrary code with kernel privileges

Description: A use after free issue was addressed with improved memory management.

CVE-2022-26757: Ned Williamson of Google Project Zero

LaunchServices

Available for: macOS Big Sur

Impact: An app may be able to bypass certain Privacy preferences

Description: A logic issue was addressed with improved restrictions.

CVE-2021-30946: @gorelics, and Ron Masas of BreakPoint.sh

Entry added June 8, 2023

LaunchServices

Available for: macOS Big Sur

Impact: A malicious application may be able to bypass Privacy preferences

Description: The issue was addressed with additional permissions checks.

CVE-2022-26767: Wojciech Reguła (@_r3ggi) of SecuRing

LaunchServices

Available for: macOS Big Sur

Impact: A sandboxed process may be able to circumvent sandbox restrictions

Description: An access issue was addressed with additional sandbox restrictions on third-party applications.

CVE-2022-26706: Arsenii Kostromin (0x3c3e), Jonathan Bar Or of Microsoft

Entry updated July 6, 2022

Libinfo

Available for: macOS Big Sur

Impact: An app may be able to bypass Privacy preferences

Description: This issue was addressed with improved checks.

CVE-2022-32882: Zhipeng Huo (@R3dF09) and Yuebin Sun (@yuebinsun2020) of Tencent Security Xuanwu Lab

Entry added September 16, 2022

libresolv

Available for: macOS Big Sur

Impact: A remote user may be able to cause a denial-of-service

Description: This issue was addressed with improved checks.

CVE-2022-32790: Max Shavrick (@_mxms) of the Google Security Team

Entry added June 21, 2022

libresolv

Available for: macOS Big Sur

Impact: An attacker may be able to cause unexpected application termination or arbitrary code execution

Description: This issue was addressed with improved checks.

CVE-2022-26776: Zubair Ashraf of CrowdStrike, Max Shavrick (@_mxms) of the Google Security Team

LibreSSL

Available for: macOS Big Sur

Impact: Processing a maliciously crafted certificate may lead to a denial of service

Description: A denial of service issue was addressed with improved input validation.

CVE-2022-0778

libxml2

Available for: macOS Big Sur

Impact: A remote attacker may be able to cause unexpected application termination or arbitrary code execution

Description: A use after free issue was addressed with improved memory management.

CVE-2022-23308

OpenSSL

Available for: macOS Big Sur

Impact: Processing a maliciously crafted certificate may lead to a denial of service

Description: This issue was addressed with improved checks.

CVE-2022-0778

PackageKit

Available for: macOS Big Sur

Impact: An app may be able to gain elevated privileges

Description: A logic issue was addressed with improved state management.

CVE-2022-32794: Mickey Jin (@patch1t)

Entry added October 4, 2022

PackageKit

Available for: macOS Big Sur

Impact: A malicious application may be able to modify protected parts of the file system

Description: This issue was addressed by removing the vulnerable code.

CVE-2022-26712: Mickey Jin (@patch1t)

Printing

Available for: macOS Big Sur

Impact: A malicious application may be able to bypass Privacy preferences

Description: This issue was addressed by removing the vulnerable code.

CVE-2022-26746: @gorelics

Safari Private Browsing

Available for: macOS Big Sur

Impact: A malicious website may be able to track users in Safari private browsing mode

Description: A logic issue was addressed with improved state management.

CVE-2022-26731: an anonymous researcher

Entry added July 6, 2022

Security

Available for: macOS Big Sur

Impact: A malicious app may be able to bypass signature validation

Description: A certificate parsing issue was addressed with improved checks.

CVE-2022-26766: Linus Henze of Pinauten GmbH (pinauten.de)

SMB

Available for: macOS Big Sur

Impact: An application may be able to gain elevated privileges

Description: An out-of-bounds read issue was addressed with improved input validation.

CVE-2022-26718: Peter Nguyễn Vũ Hoàng of STAR Labs

SMB

Available for: macOS Big Sur

Impact: Mounting a maliciously crafted Samba network share may lead to arbitrary code execution

Description: A memory corruption issue was addressed with improved input validation.

CVE-2022-26723: Felix Poulin-Belanger

SMB

Available for: macOS Big Sur

Impact: An application may be able to gain elevated privileges

Description: An out-of-bounds write issue was addressed with improved bounds checking.

CVE-2022-26715: Peter Nguyễn Vũ Hoàng of STAR Labs

SoftwareUpdate

Available for: macOS Big Sur

Impact: A malicious application may be able to access restricted files

Description: This issue was addressed with improved entitlements.

CVE-2022-26728: Mickey Jin (@patch1t)

TCC

Available for: macOS Big Sur

Impact: An app may be able to capture a user's screen

Description: This issue was addressed with improved checks.

CVE-2022-26726: Antonio Cheong Yu Xuan of YCISCQ

Entry updated June 8, 2023

Tcl

Available for: macOS Big Sur

Impact: A malicious application may be able to break out of its sandbox

Description: This issue was addressed with improved environment sanitization.

CVE-2022-26755: Arsenii Kostromin (0x3c3e)

Vim

Available for: macOS Big Sur

Impact: Multiple issues in Vim

Description: Multiple issues were addressed by updating Vim.

CVE-2021-4136

CVE-2021-4166

CVE-2021-4173

CVE-2021-4187

CVE-2021-4192

CVE-2021-4193

CVE-2021-46059

CVE-2022-0128

WebKit

Available for: macOS Big Sur

Impact: Processing a maliciously crafted mail message may lead to running arbitrary javascript

Description: A validation issue was addressed with improved input sanitization.

CVE-2022-22589: Heige of KnownSec 404 Team (knownsec.com) and Bo Qu of Palo Alto Networks (paloaltonetworks.com)

Wi-Fi

Available for: macOS Big Sur

Impact: A malicious application may disclose restricted memory

Description: A memory corruption issue was addressed with improved validation.

CVE-2022-26745: Scarlet Raine

Entry updated July 6, 2022

Wi-Fi

Available for: macOS Big Sur

Impact: An application may be able to execute arbitrary code with kernel privileges

Description: A memory corruption issue was addressed with improved memory handling.

CVE-2022-26761: Wang Yu of Cyberserval

zip

Available for: macOS Big Sur

Impact: Processing a maliciously crafted file may lead to a denial of service

Description: A denial of service issue was addressed with improved state handling.

CVE-2022-0530

zlib

Available for: macOS Big Sur

Impact: An attacker may be able to cause unexpected application termination or arbitrary code execution

Description: A memory corruption issue was addressed with improved input validation.

CVE-2018-25032: Tavis Ormandy

zsh

Available for: macOS Big Sur

Impact: A remote attacker may be able to cause arbitrary code execution

Description: This issue was addressed by updating to zsh version 5.8.1.

CVE-2021-45444

Additional recognition

Bluetooth

We would like to acknowledge Jann Horn of Project Zero for their assistance.

Information about products not manufactured by Apple, or independent websites not controlled or tested by Apple, is provided without recommendation or endorsement. Apple assumes no responsibility with regard to the selection, performance, or use of third-party websites or products. Apple makes no representations regarding third-party website accuracy or reliability. [Contact the vendor](#) for additional information.

Published Date: August 19, 2024

Helpful?

Yes

No

Apple > Support > About the security content of macOS Big Sur 11.6.6

Copyright © 2026 Apple Inc. All rights reserved. [Privacy Policy](#) | [Terms of Use](#) | [Sales and Refunds](#) | [Site Map](#)

[United States](#)