



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Multiple Vulnerabilities in Microsoft macOS Applications

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Eight significant vulnerabilities have been identified in Microsoft applications for macOS, which could potentially allow attackers to gain elevated privileges, access sensitive data, and even control the camera and microphone without user consent.

TECHNICAL DETAILS:

Eight significant vulnerabilities have been identified in Microsoft applications for macOS, which could potentially allow attackers to gain elevated privileges, access sensitive data, and even control the camera and microphone without user consent. These vulnerabilities exploit weaknesses in the macOS permission-based security model, specifically targeting the Transparency, Consent, and Control (TCC) framework.

The vulnerabilities exist across Excel, OneNote, Outlook, PowerPoint, Teams, and Word

- CVE-2024-42220 (Outlook)
- CVE-2024-42004 (Teams – work or school) (main app)
- CVE-2024-39804 (PowerPoint)
- CVE-2024-41159 (OneNote)
- CVE-2024-43106 (Excel)
- CVE-2024-41165 (Word)
- CVE-2024-41145 (Teams – work or school) (WebView.app helper app)
- CVE-2024-41138 (Teams – work or school) (com.microsoft.teams2.modulehost.app)

RECOMMENDATIONS:

- Ensure that all Microsoft applications on your macOS system are updated to the latest versions.
- Regularly review and adjust the permissions granted to Microsoft applications in the macOS.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- <https://blog.talosintelligence.com/how-multiple-vulnerabilities-in-microsoft-apps-for-macos-pave-the-way-to-stealing-permissions/>