



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates-Microsoft

Tracking #:432316505

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Microsoft released its Patch Tuesday security updates, addressing 89 vulnerabilities across multiple products, including two actively exploited vulnerabilities.

TECHNICAL DETAILS:

Microsoft released its Patch Tuesday security updates, addressing 89 vulnerabilities across multiple products including Windows, Office, Azure, .NET, Exchange Server, SQL Server, and more. Among these vulnerabilities, four are rated Critical, 84 are Important, and one is Moderate in severity. Two of the most critical vulnerabilities, CVE-2024-43451 and CVE-2024-49039, were actively exploited at the time of release. Additionally, the update addresses high-impact vulnerabilities in Azure CycleCloud (CVE-2024-43602) and .NET/Visual Studio (CVE-2024-43498), both with CVSS scores of 9.9 and 9.8, respectively. Among these vulnerabilities, two are actively exploited and three are publicly known as of the release.

Key Vulnerabilities Under Active Exploitation:

- CVE-2024-43451: NTLM Hash Disclosure Spoofing
- CVE-2024-49039: Windows Task Scheduler Privilege Escalation

Severe Vulnerabilities Addressed:

- CVE-2024-43602: Azure CycleCloud Remote Code Execution CVSS: 9.9 (**Critical**)
- CVE-2024-43498: .NET and Visual Studio Remote Code Execution CVSS: 9.8 (**Critical**)

The other two vulnerabilities that were publicly disclosed but not exploited in attacks are:

- CVE-2024-49040 - Microsoft Exchange Server Spoofing Vulnerability
- CVE-2024-49019 - Active Directory Certificate Services Elevation of Privilege Vulnerability

RECOMMENDATIONS:

The UAE Cyber Security Council recommends to install the latest security patches from Microsoft Update at the earliest.

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://msrc.microsoft.com/update-guide/releaseNote/2024-Nov>