



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates - Microsoft

Tracking #:432316616

Date:11-12-2024

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Microsoft has released security updates to patch multiple vulnerabilities in its products.

TECHNICAL DETAILS:

Microsoft has released its December 2024 security updates, addressing a total of 72 vulnerabilities, including a high-severity, actively exploited zero-day vulnerability.

Zero-Day Vulnerability:

CVE-2024-49138 - Windows Common Log File System Driver Elevation of Privilege Vulnerability

- CVSS Score: 7.8 (High)
- Actively exploited in the wild
- Allows attackers to gain SYSTEM privileges on Windows devices
- Affects all supported versions of Windows OS and Windows Server

Critical Vulnerability:

CVE-2024-49112 - Windows Lightweight Directory Access Protocol (LDAP) Remote Code Execution Vulnerability

- CVSS Score: 9.8 (**Critical**)
- Allows remote, unauthenticated attackers to exploit affected Domain Controllers
- Execution occurs at the elevated LDAP service level

Other Important Vulnerabilities:

- CVE-2024-49117 - Windows Hyper-V Remote Code Execution Vulnerability
 - Allows authenticated attackers on guest VMs to execute code on the host OS
 - Potential for cross-VM attacks
 - Requires only basic authentication
- Windows LDAP (CVE-2024-49124, CVE-2024-49127)
- Windows Local Security Authority Subsystem Service (LSASS) (CVE-2024-49126)
- Windows Message Queuing (CVE-2024-49118, CVE-2024-49122)
- Windows Remote Desktop Services (CVE-2024-49132, CVE-2024-49115, CVE-2024-49116, CVE-2024-49123, CVE-2024-49128, CVE-2024-49106, CVE-2024-49108, CVE-2024-49119, CVE-2024-49120)

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the security updates recently released by Microsoft.

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-Dec>