مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Security Updates - Microsoft

Tracking #:432317598

Date:13-08-2025

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 August 2025 security updates, addressing 119 vulnerabilities across multiple products, including one publicly disclosed zero-day flaw. These updates mitigate a wide range of issues, including remote code execution, elevation of privilege, information disclosure, and security feature bypasses. The zero-day vulnerability addressed in this release affects Windows Kerberos and could allow an authenticated attacker to gain domain administrator privileges

Zero-Day Vulnerability:
CVE-2025-53779 – Windows Kerberos Elevation of Privilege Vulnerability

- CVSS:3.1 7.2 High
- A relative path traversal vulnerability in Windows Kerberos could allow an authorized attacker to elevate privileges. To exploit this flaw, an attacker requires elevated access to certain dMSA attributes:
  - **msds-groupMSAMembership:** Enables the user to utilize the dMSA.
  - **msds-ManagedAccountPrecededByLink:** Requires write access to specify a user the dMSA can act on behalf of.

Impact: Allows an authenticated attacker to gain domain administrator privileges over a network.

Critical Severity Vulnerabilities:

- Azure OpenAI (CVE-2025-53767) – CVSS 10.0
- Microsoft Graphics Component (CVE-2025-50165) – CVSS 9.8
- Windows GDI+ (CVE-2025-53766) – CVSS 9.8
- Remote Desktop Server (CVE-2025-50171) – CVSS 9.1
- Azure Portal (CVE-2025-53792) – CVSS 9.1

Impact: Exploitation of these vulnerabilities could result in unauthorized access, code execution, privilege escalation, or disruption of services depending on the affected component.

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/2025-Aug