مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Critical SQL Injection Vulnerability in ArcGIS Server
Tracking #:432317796
Date:10-10-2025

TLP: WHITE

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Esri has released a critical security patch addressing a severe SQL Injection vulnerability (CVE-2025-57870) in ArcGIS Server Feature Services.

TECHNICAL DETAILS:

Esri has released a critical security patch addressing a severe SQL Injection vulnerability (CVE-2025-57870) in ArcGIS Server Feature Services. The flaw affects ArcGIS Server versions 11.3, 11.4, and 11.5 deployed across Windows, Linux, and Kubernetes environments.

If exploited, this vulnerability could allow an unauthenticated attacker to execute arbitrary SQL commands on the backend database, potentially leading to data exfiltration, modification, or complete system compromise. Although there are no known exploits in the wild, Esri urges all customers to apply the patch within two weeks to minimize exposure.

This patch is non-cumulative, meaning administrators should ensure all other security patches are already in place for their respective versions before applying this one.

Vulnerability Details:
- **CVE ID:** CVE-2025-57870
- **Vulnerability Type:** SQL Injection (CWE-89)
- **Severity:** Critical
- **CVSS v4.0 Base Score:** 10.0 (Critical)
- **Impact:**
  - Remote code execution
  - Data manipulation or exfiltration
  - Unauthorized access to sensitive systems or databases
- **Exploit Status:** No known active exploitation as of October 7, 2025
- **Affected Versions:** ArcGIS Server 11.3, 11.4, and 11.5
- **Unaffected Versions:** ArcGIS Server 11.2 and earlier; future 12.x releases
- **Mitigation Available:** Updated Web Application Firewall (WAF) rule set v2.2.1 from the ArcGIS Trust Center

RECOMMENDATIONS:

Immediate Patch Deployment
- Apply the ArcGIS Server Feature Services Security Patch (October 2025) to all affected instances

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://www.esri.com/arcgis-blog/products/trust-arcgis/administration/arcgis-server-feature-services-security-patch