مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Critical Vulnerability in ArcGIS Server

Tracking #:432319051

Date:02-06-2026

TLP: WHITE

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Esri has released the ArcGIS Server Security 2026 Update 2 Patch to address two security vulnerabilities.

TECHNICAL DETAILS:

Esri has released the ArcGIS Server Security 2026 Update 2 Patch to address two security vulnerabilities affecting ArcGIS Server 12.0 and earlier versions. The most severe issue, CVE-2026-9181, is a critical directory traversal vulnerability that could allow an unauthenticated attacker to access sensitive files on a vulnerable server. The second issue, CVE-2026-9182, is an unrestricted file upload vulnerability that may permit arbitrary file uploads to affected systems.

Vulnerability Details

1. **CVE-2026-9181 – Directory Traversal Vulnerability**
   - Severity: Critical
   - CVSS v3.1 Base Score: 9.8
   - CVSS v3.1 Temporal Score: 9.4
   - CWE: CWE-22 – Improper Limitation of a Pathname to a Restricted Directory ("Path Traversal")
   - Description-ArcGIS Server contains a directory traversal vulnerability that can be exploited by an unauthenticated attacker through specially crafted path parameters. Successful exploitation may allow access to sensitive files stored on the underlying system.

2. **CVE-2026-9182 – Unrestricted File Upload Vulnerability**
   - Severity: Medium
   - CVSS v3.1 Base Score: 5.3
   - CVSS v3.1 Temporal Score: 5.1
   - CWE: CWE-434 – Unrestricted Upload of File with Dangerous Type
   - Description-ArcGIS Server contains an unrestricted file upload vulnerability. An unauthenticated attacker may upload a crafted file to a vulnerable endpoint, potentially resulting in arbitrary file uploads.

Affected Products

- All ArcGIS Server versions prior to 12.0

RECOMMENDATIONS:

Immediate Actions:

- Apply the ArcGIS Server Security 2026 Update 2 Patch within the vendor-recommended two-week window.
- Prioritize patching internet-facing ArcGIS Server deployments.

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/arcgis-enterprise/administration/may-2026-arcgis-security-bulletin
- https://support.esri.com/en-us/patches-updates/2026/arcgis-server-security-2026-update-2-patch