



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Critical Security Updates - Adobe ColdFusion**

Tracking #:432316662

Date:24-12-2024

THE INFORMATION CONTAINED WITHIN IS THE PROPERTY OF THE CYBER SECURITY COUNCIL OF THE UNITED ARAB EMIRATES GOVERNMENT AND IS TO BE USED EXCLUSIVELY FOR INTELLIGENCE PURPOSES. IT MAY NOT BE USED IN ANY LEGAL OR PUBLIC MATTER WITHOUT THE EXPLICIT APPROVAL OF THE CYBER SECURITY COUNCIL

## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Adobe has issued urgent security updates to address a critical vulnerability in ColdFusion. This vulnerability could allow attackers to read arbitrary files from the system, potentially exposing sensitive data and configuration files.

## TECHNICAL DETAILS:

### Vulnerability Details:

- **CVE-2024-53961**
- **Severity:** Critical
- **CVSS Score:** 7.4 (High)
- **Vulnerability Type:** Path Traversal
- The vulnerability stems from improper limitation of a pathname to a restricted directory, allowing attackers to perform arbitrary file system reads. By exploiting this flaw, attackers can bypass security restrictions and gain unauthorized access to files outside the intended directory.
- Successful exploitation could lead to:
  - Unauthorized access to sensitive data and configuration files
  - Potential disclosure of system information
  - Compromise of system integrity
- A proof-of-concept exploit available for CVE-2024-53961. This significantly increases the risk of active exploitation in the wild.

### Affected Versions:

- ColdFusion 2023: Update 11 and earlier versions
- ColdFusion 2021: Update 17 and earlier versions

### Fixed Versions:

- ColdFusion 2023: Update 12
- ColdFusion 2021: Update 18

## RECOMMENDATIONS:

The UAE Cyber Security Council recommends to upgrade the affected versions to the fixed versions 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://helpx.adobe.com/security/products/coldfusion/apsb24-107.html>