



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates - Adobe

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EXECUTIVE SUMMARY:

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

TECHNICAL DETAILS:

Adobe has issued multiple security updates for several of its products in November 2024. These updates address various vulnerabilities that could potentially be exploited by malicious actors to compromise system security, gain unauthorized access, or execute arbitrary code.

Critical Vulnerabilities Details:

Affected Products	Vulnerability Category	Vulnerability Impact	CVSS Score	CVE
Adobe After Effects	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-47441
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-47442
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-47443
Adobe Substance 3D Painter	Heap-based Buffer Overflow	Arbitrary code execution	7.8	CVE-2024-49525
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-49519
	Double Free	Arbitrary code execution	7.8	CVE-2024-47426
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-47427
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-47428
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-47429
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-47430
	Untrusted Search Path	Arbitrary code execution	7.8	CVE-2024-49515
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-49516
	Heap-based Buffer Overflow	Arbitrary code execution	7.8	CVE-2024-47431
	Heap-based Buffer Overflow	Arbitrary code execution	7.8	CVE-2024-49517
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-47432
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-49518
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-49520
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-47433
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-47434
Adobe Illustrator	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-45114
	Heap-based Buffer Overflow	Arbitrary code execution	7.8	CVE-2024-47450
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-47451
	Out-of-bounds Write	Arbitrary code execution	7.8	CVE-2024-47452
Adobe InDesign	Heap-based Buffer Overflow	Arbitrary code execution	7.8	CVE-2024-49507
	Heap-based Buffer Overflow	Arbitrary code execution	7.8	CVE-2024-49508
	Heap-based Buffer Overflow	Arbitrary code execution	7.8	CVE-2024-49509
Adobe Photoshop	Integer Underflow (Wrap or Wraparound)	Arbitrary code execution	7.8	CVE-2024-49514
Adobe Commerce	Server-Side Request Forgery (SSRF)	Arbitrary code execution	7.7	CVE-2024-49521

Note: Refer to Adobe security bulletins for Fixed Versions and more information

RECOMMENDATIONS:

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

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/security-bulletin.html>
- https://helpx.adobe.com/security/products/after_effects/apsb24-85.html
- https://helpx.adobe.com/security/products/substance3d_painter/apsb24-86.html
- <https://helpx.adobe.com/security/products/illustrator/apsb24-87.html>
- <https://helpx.adobe.com/security/products/indesign/apsb24-88.html>
- <https://helpx.adobe.com/security/products/photoshop/apsb24-89.html>
- <https://helpx.adobe.com/security/products/magento/apsb24-90.html>