



**THREAT ADVISORY**



**VULNERABILITY  
REPORT**

**Security flaws in multiple Adobe products**

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Admiralty code

A1

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# Summary

Adobe has issued security upgrades to address a number of vulnerabilities in its products. An attacker can use some of these flaws to gain control of a vulnerable system.

## CVEs

CVE	NAME	PATCH
CVE-2022-35710	Arbitrary code execution in Adobe ColdFusion	
CVE-2022-35711	Arbitrary code execution in Adobe ColdFusion	
CVE-2022-35712	Arbitrary code execution in Adobe ColdFusion	
CVE-2022-35690	Arbitrary code execution in Adobe ColdFusion	
CVE-2022-38418	Arbitrary code execution in Adobe ColdFusion	
CVE-2022-38424	Arbitrary file system write in Adobe ColdFusion	
CVE-2022-38450	Arbitrary code execution in Adobe Acrobat and Reader	
CVE-2022-42339	Arbitrary code execution in Adobe Acrobat and Reader	
CVE-2022-35698	Arbitrary code execution in Adobe Commerce	

CVE	NAME	PATCH
CVE-2022-38440	Arbitrary code execution in Adobe Dimension	✓
CVE-2022-38441	Arbitrary code execution in Adobe Dimension	✓
CVE-2022-38442	Arbitrary code execution in Adobe Dimension	✓
CVE-2022-38444	Arbitrary code execution in Adobe Dimension	✓
CVE-2022-38445	Arbitrary code execution in Adobe Dimension	✓
CVE-2022-38446	Arbitrary code execution in Adobe Dimension	✓
CVE-2022-38447	Arbitrary code execution in Adobe Dimension	✓
CVE-2022-38448	Arbitrary code execution in Adobe Dimension	✓

# Technical Details

Adobe has announced vulnerability upgrades for ColdFusion if exploited, could lead to arbitrary code execution, arbitrary file system write, security feature bypass, and privilege escalation. In addition, weaknesses in Adobe Dimension could lead to arbitrary code execution and memory leaks if exploited. Adobe Commerce and Magento Open Source, as well as Adobe Acrobat and Reader for Windows and macOS, were also determined to have serious weaknesses. Adobe Issues Patches for Multiple Products.

## Vulnerability Details

CVE ID	AFFECTED PRODUCTS	AFFECTED CPE	CWE ID
CVE-2022-35710	ColdFusion 2018 Update 14 and earlier versions and ColdFusion 2021 Update 4 and earlier versions	cpe:2.3:a:adobe:coldfusion:-:*:*:*:*:*	CWE-121
CVE-2022-35711			CWE-122
CVE-2022-35712			CWE-121
CVE-2022-35690			CWE-122
CVE-2022-38418			CWE-22
CVE-2022-38424			CWE-22
CVE-2022-38450	Acrobat DC and Reader DC 22.002.20212 and earlier versions	cpe:2.3:a:adobe:adobe_reader:-:*:*:*:*:*	CWE-121
CVE-2022-42339	Acrobat and Acrobat Reader 2020 20.005.30381 and earlier versions		CWE-121
CVE-2022-35698	Adobe Commerce 2.4.5, 2.4.4-p1 and earlier versions	cpe:2.3:a:magento:magento_commerce:-:*:*:*:*:*	CWE-79
CVE-2022-38440	Adobe Dimension 3.4.5 and earlier versions	cpe:2.3:a:adobe:adobe_dimension:-:*:*:*:*:*	CWE-125
CVE-2022-38441			CWE-125
CVE-2022-38442			CWE-416
CVE-2022-38444			CWE-416
CVE-2022-38445			CWE-416
CVE-2022-38446			CWE-416
CVE-2022-38447			CWE-416
CVE-2022-38448			CWE-416

## Patch Details

<https://helpx.adobe.com/security/products/coldfusion/apsb22-44.html>

<https://helpx.adobe.com/security/products/acrobat/apsb22-46.html>

<https://helpx.adobe.com/security/products/magento/apsb22-48.html>

<https://helpx.adobe.com/security/products/dimension/apsb22-57.html>

## References

<https://www.cisa.gov/uscert/ncas/current-activity/2022/10/11/adobe-releases-security-updates-multiple-products>

# What Next?

Book a free demo with **HivePro Uni5** to check your exposure to this advisory. HivePro Uni5 is a Continuous Threat Exposure Management Solution that proactively reduces an organization's attack surface before it gets exploited.



At Hive Pro we take a long hard look at your vulnerabilities so you can bolster your defenses and fine-tune your offensive cybersecurity tactics.

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