



CVE-2016-4228

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CVE-2016-4228

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Flash Player](#) from [Adobe](#) contain the following vulnerability:

Use-after-free vulnerability in Adobe Flash Player before 18.0.0.366 and 19.x through 22.x before 22.0.0.209 on Windows and OS X and before 11.2.202.632 on Linux allows attackers to execute arbitrary code via unspecified vectors, a different vulnerability than CVE-2016-4173, CVE-2016-4174, CVE-2016-4222, CVE-2016-4226, CVE-2016-4227, CVE-2016-4229, CVE-2016-4230, CVE-2016-4231, and CVE-2016-4248.

CVE-2016-4228 has been assigned by psirt@adobe.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **9.3 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Adobe Flash Player APSB16-25 Multiple Use After Free Remote Code Execution Vulnerabilities	cve.report (archive) text/html	🌐 BID 91719

[security-announce] openSUSE-SU-2016:1802-1: important: Security update	lists.opensuse.org text/html	 SUSE openSUSE-SU-2016:1802
[security-announce] SUSE-SU-2016:1826-1: important: Security update for	lists.opensuse.org text/html	 SUSE SUSE-SU-2016:1826
Adobe Flash Player Multiple Bugs Lets Remote Users Execute Arbitrary Code, Bypass Security Restrictions, and Obtain Potentially Sensitive Information - SecurityTracker	www.securitytracker.com text/html	 SECURITYTRACKER 1036280
Red Hat Customer Portal	access.redhat.com text/html	 REDHAT RHSA-2016:1423
Adobe Security Bulletin	Patch Vendor Advisory helpx.adobe.com text/html	 CONFIRM helpx.adobe.com/security/products/flash-player/apsb16-25.html
Adobe Flash Player: Multiple vulnerabilities (GLSA 201607-03) — Gentoo security	security.gentoo.org text/html	 GENTOO GLSA-201607-03
Microsoft Security Bulletin MS16-093 - Critical Microsoft Docs	docs.microsoft.com text/html	 MS MS16-093
Adobe Flash - Use-After-Free When Returning Rectangle - Multiple dos Exploit	www.exploit-db.com Proof of Concept text/html	 EXPLOIT-DB 40309

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Adobe	Flash Player	All	All	All	All
Application	Adobe	Flash Player	All	All	All	All
Application	Adobe	Flash Player	All	All	All	All
Application	Adobe	Flash Player	All	All	All	All
Application	Adobe	Flash Player	All	All	All	All
Application	Adobe	Flash Player	All	All	All	All
Application	Adobe	Flash Player Desktop Runtime	All	All	All	All
Operating System	Apple	Mac Os X	All	All	All	All
Operating System	Apple	Mac Os X	-	All	All	All
Operating System	Apple	Mac Os X	All	All	All	All
Operating System	Google	Chrome Os	All	All	All	All

Operating System	Google	Chrome Os	-	All	All	All
Operating System	Google	Chrome Os	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Microsoft	Windows	All	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Operating System	Microsoft	Windows	All	All	All	All
Operating System	Microsoft	Windows 10	All	All	All	All
Operating System	Microsoft	Windows 10	-	All	All	All
Operating System	Microsoft	Windows 10	All	All	All	All
Operating System	Microsoft	Windows 8.1	All	All	All	All
Operating System	Microsoft	Windows 8.1	-	All	All	All
Operating System	Microsoft	Windows 8.1	All	All	All	All
cpe:2.3:a:adobe:flash_player:*****:						
cpe:2.3:a:adobe:flash_player:*****:esr:***:						
cpe:2.3:a:adobe:flash_player:*****:						
cpe:2.3:a:adobe:flash_player:*****:chrome:***:						
cpe:2.3:a:adobe:flash_player:*****:edge:***:						
cpe:2.3:a:adobe:flash_player:*****:internet_explorer:***:						
cpe:2.3:a:adobe:flash_player_desktop_runtime:*****:						
cpe:2.3:o:apple:mac_os_x:*****:						
cpe:2.3:o:apple:mac_os_x:-*****:						
cpe:2.3:o:apple:mac_os_x:*****:						
cpe:2.3:o:google:chrome_os:*****:						

cpe:2.3:o:google:chrome_os:-:*.*.*.*.*.*.*.*.*:
cpe:2.3:o:google:chrome_os:*.*.*.*.*.*.*.*.*:
cpe:2.3:o:linux:linux_kernel:*.*.*.*.*.*.*.*.*:
cpe:2.3:o:linux:linux_kernel:-:*.*.*.*.*.*.*.*.*:
cpe:2.3:o:linux:linux_kernel:*.*.*.*.*.*.*.*.*:
cpe:2.3:o:microsoft:windows:*.*.*.*.*.*.*.*.*:
cpe:2.3:o:microsoft:windows:-:*.*.*.*.*.*.*.*.*:
cpe:2.3:o:microsoft:windows:*.*.*.*.*.*.*.*.*:
cpe:2.3:o:microsoft:windows_10:*.*.*.*.*.*.*.*.*:
cpe:2.3:o:microsoft:windows_10:-:*.*.*.*.*.*.*.*.*:
cpe:2.3:o:microsoft:windows_10:*.*.*.*.*.*.*.*.*:
cpe:2.3:o:microsoft:windows_8.1:*.*.*.*.*.*.*.*.*:
cpe:2.3:o:microsoft:windows_8.1:-:*.*.*.*.*.*.*.*.*:
cpe:2.3:o:microsoft:windows_8.1:*.*.*.*.*.*.*.*.*:

No vendor comments have been submitted for this CVE

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