



# CVE-2012-4188

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2012-4188
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2012-10-10 17:55:00 UTC
<b>Updated</b>	2020-08-13 19:29:00 UTC
<b>Description</b>	Heap-based buffer overflow in the Convolve3x3 function in Mozilla Firefox before 16.0, Firefox ESR 10.x before 10.0.8, Th

## Risk And Classification

**Problem Types:** CWE-119

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	10.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	11.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	11.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	12.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	10.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	11.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	11.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	12.04	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	6.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	6.0	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Seamonkey</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Seamonkey</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Thunderbird</a>	All	All	All	All

Application	Mozilla	Thunderbird	All	All	All	All
Application	Mozilla	Thunderbird ESR	All	All	All	All
Application	Mozilla	Thunderbird ESR	All	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	5.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	5.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux EUS	6.3	All	All	All
Operating System	Redhat	Enterprise Linux EUS	6.3	All	All	All
Operating System	Redhat	Enterprise Linux Server	5.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	5.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	5.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	5.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Suse	Linux Enterprise Desktop	10	sp4	All	All
Operating System	Suse	Linux Enterprise Desktop	11	sp3	All	All
Operating System	Suse	Linux Enterprise Desktop	10	sp4	All	All
Operating System	Suse	Linux Enterprise Desktop	11	sp3	All	All
Operating System	Suse	Linux Enterprise Sdk	10	sp4	All	All
Operating System	Suse	Linux Enterprise Sdk	10	sp4	All	All
Operating System	Suse	Linux Enterprise Server	10	sp4	All	All
Operating System	Suse	Linux Enterprise Server	11	sp3	All	All
Operating System	Suse	Linux Enterprise Server	11	sp3	All	All
Operating System	Suse	Linux Enterprise Server	10	sp4	All	All
Operating System	Suse	Linux Enterprise Server	11	sp3	All	All
Operating System	Suse	Linux Enterprise Server	11	sp3	All	All

## References

Reference	Source	Link
USN-1611-1: Thunderbird vulnerabilities   Ubuntu	UBUNTU	<a href="http://www.ubuntu.com">www.ubuntu.com</a>
Security Advisory SA50936 - Mozilla Firefox / Thunderbird Multiple Vulnerabilities - Secunia	SECUNIA	<a href="http://secunia.com">secunia.com</a>
Repository / Oval Repository	OVAL	<a href="http://oval.cisecurity.org">oval.cisecurity.org</a>

MFSA 2012-86: Heap memory corruption issues found using Address Sanitizer	CONFIRM	<a href="http://www.mozilla.org">www.mozilla.org</a>
About Secunia Research   Flexera	SECUNIA	<a href="http://secunia.com">secunia.com</a>
Red Hat Customer Portal	REDHAT	<a href="http://rhn.redhat.com">rhn.redhat.com</a>
About Secunia Research   Flexera	SECUNIA	<a href="http://secunia.com">secunia.com</a>
Debian -- Security Information -- DSA-2569-1 icedove	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>
About Secunia Research   Flexera	SECUNIA	<a href="http://secunia.com">secunia.com</a>
86096	OSVDB	<a href="http://osvdb.org">osvdb.org</a>
Debian -- Security Information -- DSA-2565-1 iceweasel	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>
About Secunia Research   Flexera	SECUNIA	<a href="http://secunia.com">secunia.com</a>
Debian -- Security Information -- DSA-2572-1 iceape	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>
Security Advisory SA50935 - Mozilla SeaMonkey Multiple Vulnerabilities - Secunia	SECUNIA	<a href="http://secunia.com">secunia.com</a>
Support / Security / Advisories // MDVSA-2012:163   Mandriva	MANDRIVA	<a href="http://www.mandriva.com">www.mandriva.com</a>
IBM X-Force Exchange	XF	<a href="http://exchange.xforce.ibmcloud.com">exchange.xforce.ibmcloud.com</a>
Security Advisory SA50892 - Ubuntu update for firefox - Secunia	SECUNIA	<a href="http://secunia.com">secunia.com</a>
Security Advisory SA51181 - Debian update for iceape - Secunia	SECUNIA	<a href="http://secunia.com">secunia.com</a>
787722 – (CVE-2012-4188) Heap-buffer-overflow in Convolv3x3	CONFIRM	<a href="http://bugzilla.mozilla.org">bugzilla.mozilla.org</a>
[security-announce] SUSE-SU-2012:1351-1: important: Security update for	SUSE	<a href="http://lists.opensuse.org">lists.opensuse.org</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[690312](#) Free Berkeley Software Distribution (FreeBSD) Security Update for mozilla (6e5a9afd-12d3-11e2-b47d-c8600054b392)

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