



# CVE-2010-4494

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## CVE-2010-4494

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Openoffice](#) from [Apache](#) contain the following vulnerability:

Double free vulnerability in libxml2 2.7.8 and other versions, as used in Google Chrome before 8.0.552.215 and other products, allows remote attackers to cause a denial of service or possibly have unspecified other impact via vectors related to XPath handling.

CVE-2010-4494 has been assigned by [M](#) [cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability

CVSS2 Score: **7.5 - HIGH**

Access  
Vector

**NETWORK**

Access  
Complexity

**LOW**

Authentication

**NONE**

Confidentiality  
Impact

**PARTIAL**

Integrity  
Impact

**PARTIAL**

Availability  
Impact

**PARTIAL**

## CVE References

Description

Tags

Link

APPLE-SA-2011-03-21-1 Mac OS X v10.6.7 and Security Update 2011-001

[Mailing List](#)  
[Third Party Advisory](#)  
[lists.apple.com](#)  
[text/html](#)

[APPLE APPLE-SA-2011-03-21-1](#)

APPLE-SA-2011-03-09-1 iOS 4.3

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[APPLE APPLE-SA-2011-03-09-1](#)

About the security content of Safari 5.0.4

[Broken Link](#)  
[web.archive.org](#)  
[text/html](#)  
[Inactive Link](#) [Not Archived](#)

[CONFIRM support.apple.com/kb/HT4566](#)

CVE-2010-4008

[Third Party Advisory](#)  
[www.openoffice.org](#)

[CONFIRM](#)  
[www.openoffice.org/security/cves/CVE-2010-](#)

|                                                                                                               |                                                                                                                                                                    |                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                               | <a href="#">www.openmoo.org</a><br><a href="#">text/html</a>                                                                                                       | <a href="#">www.openmoo.org/secure/CVE-2010-4008_CVE-2010-4494.html</a>                                                                                                                   |
| Debian update for libxml2 - Advisories - Community                                                            | <a href="#">Third Party Advisory</a><br><a href="#">web.archive.org</a><br><a href="#">text/html</a>                                                               |  SECUNIA 42762                                                                                           |
| [SECURITY] Fedora 14 Update: libxml2-2.7.7-3.fc14                                                             | <a href="#">Third Party Advisory</a><br><a href="#">lists.fedoraproject.org</a><br><a href="#">text/html</a>                                                       |  FEDORA FEDORA-2011-2697                                                                                 |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH                                              | <a href="#">Third Party Advisory</a><br><a href="#">www.vupen.com</a><br><a href="#">text/html</a>                                                                 |  VUPEN ADV-2010-3336                                                                                     |
| Support                                                                                                       | <a href="#">Third Party Advisory</a><br><a href="#">www.redhat.com</a><br><a href="#">text/html</a>                                                                |  REDHAT RHSA-2011:1749                                                                                   |
| OpenOffice.org Multiple Vulnerabilities - Advisories - Community                                              | <a href="#">Third Party Advisory</a><br><a href="#">web.archive.org</a><br><a href="#">text/html</a>                                                               |  SECUNIA 40775                                                                                           |
| Libxml2 XPath Double Free Vulnerability - Advisories - Community                                              | <a href="#">Third Party Advisory</a><br><a href="#">web.archive.org</a><br><a href="#">text/html</a>                                                               |  SECUNIA 42721                                                                                           |
| About the security content of iTunes 10.2 - Apple Support                                                     | <a href="#">Third Party Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a>                                                             |  CONFIRM support.apple.com/kb/HT4554                                                                     |
| APPLE-SA-2011-03-09-2 Safari 5.0.4                                                                            | <a href="#">Mailing List</a><br><a href="#">Third Party Advisory</a><br><a href="#">lists.apple.com</a><br><a href="#">text/html</a>                               |  APPLE APPLE-SA-2011-03-09-2                                                                           |
| Google Chrome Releases: Stable, Beta Channel Updates                                                          | <a href="#">Vendor Advisory</a><br><a href="#">googlechromereleases.blogspot.com</a><br><a href="#">text/html</a>                                                  |  CONFIRM<br><a href="#">googlechromereleases.blogspot.com/2010/12/stable-beta-channel-updates.html</a> |
| Red Hat Customer Portal                                                                                       | <a href="#">Third Party Advisory</a><br><a href="#">web.archive.org</a><br><a href="#">text/html</a><br><a href="#">Inactive Link</a> <a href="#">Not Archived</a> |  REDHAT RHSA-2013:0217                                                                                 |
| Google Chrome Multiple Vulnerabilities - Advisories - Community                                               | <a href="#">Third Party Advisory</a><br><a href="#">web.archive.org</a><br><a href="#">text/html</a>                                                               |  SECUNIA 42472                                                                                         |
| '[security bulletin] HPSBGN02970 rev.1 - HP Rapid Deployment Pack (RDP) or HP Insight Control Server ' - MARC | <a href="#">Third Party Advisory</a><br><a href="#">marc.info</a><br><a href="#">text/html</a>                                                                     |  HP HPSBGN02970                                                                                        |
| Support / Security / Advisories / / MDVSA-2010:260   Mandriva                                                 | <a href="#">Third Party Advisory</a><br><a href="#">www.mandriva.com</a><br><a href="#">text/html</a>                                                              |  MANDRIVA MDVSA-2010:260                                                                               |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH                                              | <a href="#">Third Party Advisory</a><br><a href="#">www.vupen.com</a><br><a href="#">text/html</a>                                                                 |  VUPEN ADV-2010-3319                                                                                   |
| About the security content of Mac OS X v10.6.7 and Security Update 2011-001                                   | <a href="#">Third Party Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a>                                                             |  CONFIRM support.apple.com/kb/HT4581                                                                   |
| Debian -- Security Information -- DSA-2137-1 libxml2                                                          | <a href="#">Third Party Advisory</a><br><a href="#">www.debian.org</a><br><a href="#">Deprecated Link</a>                                                          |  DEBIAN DSA-2137                                                                                       |

[text/html](#)

Repository / Oval Repository

[Third Party Advisory](#)[oval.cisecurity.org](#)[text/html](#) [OVAL oval:org.mitre.oval:def:11916](#)

63444 - chromium - An open-source project to help move the web forward. - Monorail

[Exploit](#)[Issue Tracking](#)[Patch](#)[Vendor Advisory](#)[code.google.com](#)[text/html](#) [CONFIRM](#)  
[code.google.com/p/chromium/issues/detail?id=63444](#)

About the security content of iOS 4.3

[Third Party Advisory](#)[support.apple.com](#)[text/html](#) [CONFIRM support.apple.com/kb/HT4564](#)

APPLE-SA-2011-03-02-1 iTunes 10.2

[Mailing List](#)[Third Party Advisory](#)[lists.apple.com](#)[text/html](#) [APPLE APPLE-SA-2011-03-02-1](#)

[security-announce] SUSE Security Summary Report: SUSE-SR:2011:005

[Third Party Advisory](#)[lists.opensuse.org](#)[text/html](#) [SUSE SUSE-SR:2011:005](#)

Webmail : Solution de messagerie professionnelle - OVHcloud- OVH

[Third Party Advisory](#)[www.vupen.com](#)[text/html](#) [VUPEN ADV-2011-0230](#)

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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      | <a href="#">Apache</a> | <a href="#">Openoffice</a> | All     | All    | All     | All      |
| Application      | <a href="#">Apache</a> | <a href="#">Openoffice</a> | All     | All    | All     | All      |
| Application      | <a href="#">Apache</a> | <a href="#">Openoffice</a> | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a>  | <a href="#">Iphone Os</a>  | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a>  | <a href="#">Iphone Os</a>  | All     | All    | All     | All      |
| Application      | <a href="#">Apple</a>  | <a href="#">Itunes</a>     | All     | All    | All     | All      |
| Application      | <a href="#">Apple</a>  | <a href="#">Itunes</a>     | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a>  | <a href="#">Mac Os X</a>   | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a>  | <a href="#">Mac Os X</a>   | All     | All    | All     | All      |
| Application      | <a href="#">Apple</a>  | <a href="#">Safari</a>     | All     | All    | All     | All      |

|                  |               |                                   |      |     |     |     |
|------------------|---------------|-----------------------------------|------|-----|-----|-----|
| Application      | Apple         | Safari                            | All  | All | All | All |
| Operating System | Debian        | Debian Linux                      | 5.0  | All | All | All |
| Operating System | Debian        | Debian Linux                      | 6.0  | All | All | All |
| Operating System | Debian        | Debian Linux                      | 5.0  | All | All | All |
| Operating System | Debian        | Debian Linux                      | 6.0  | All | All | All |
| Operating System | Fedoraproject | Fedora                            | 14   | All | All | All |
| Operating System | Fedoraproject | Fedora                            | 14   | All | All | All |
| Application      | Google        | Chrome                            | All  | All | All | All |
| Application      | Google        | Chrome                            | All  | All | All | All |
| Application      | Hp            | Insight Control Server Deployment | All  | All | All | All |
| Application      | Hp            | Insight Control Server Deployment | All  | All | All | All |
| Application      | Hp            | Rapid Deployment Pack             | All  | All | All | All |
| Application      | Hp            | Rapid Deployment Pack             | All  | All | All | All |
| Operating System | Opensuse      | Opensuse                          | 11.2 | All | All | All |
| Operating System | Opensuse      | Opensuse                          | 11.3 | All | All | All |
| Operating System | Opensuse      | Opensuse                          | 11.2 | All | All | All |
| Operating System | Opensuse      | Opensuse                          | 11.3 | All | All | All |
| Operating System | Redhat        | Enterprise Linux Desktop          | 6.0  | 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           | 6.0  | All | All | All |
| Operating System | Redhat        | Enterprise Linux Server           | 6.0  | All | All | All |
| Operating System | Redhat        | Enterprise Linux Workstation      | 6.0  | All | All | All |
| Operating System | Redhat        | Enterprise Linux Workstation      | 6.0  | All | All | All |
| Operating        | Suse          | Suse Linux Enterprise Server      | 11   | sp1 | All | All |

|                                                               |         |                              |     |     |     |     |
|---------------------------------------------------------------|---------|------------------------------|-----|-----|-----|-----|
| System                                                        |         |                              |     |     |     |     |
| Operating System                                              | Suse    | Suse Linux Enterprise Server | 11  | sp1 | All | All |
| Application                                                   | Xmlsoft | Libxml2                      | All | All | All | All |
| cpe:2.3:a:apache:openoffice:*.*.*.*.*.*.*:                    |         |                              |     |     |     |     |
| cpe:2.3:a:apache:openoffice:*.*.*.*.*.*.*:                    |         |                              |     |     |     |     |
| cpe:2.3:a:apache:openoffice:*.*.*.*.*.*.*:                    |         |                              |     |     |     |     |
| cpe:2.3:o:apple:iphone_os:*.*.*.*.*.*.*:                      |         |                              |     |     |     |     |
| cpe:2.3:o:apple:iphone_os:*.*.*.*.*.*.*:                      |         |                              |     |     |     |     |
| cpe:2.3:a:apple:itunes:*.*.*.*.*.*.*:                         |         |                              |     |     |     |     |
| cpe:2.3:a:apple:itunes:*.*.*.*.*.*.*:                         |         |                              |     |     |     |     |
| cpe:2.3:o:apple:mac_os_x:*.*.*.*.*.*.*:                       |         |                              |     |     |     |     |
| cpe:2.3:o:apple:mac_os_x:*.*.*.*.*.*.*:                       |         |                              |     |     |     |     |
| cpe:2.3:a:apple:safari:*.*.*.*.*.*.*:                         |         |                              |     |     |     |     |
| cpe:2.3:a:apple:safari:*.*.*.*.*.*.*:                         |         |                              |     |     |     |     |
| cpe:2.3:o:debian:debian_linux:5.0:*.*.*.*.*.*.*:              |         |                              |     |     |     |     |
| cpe:2.3:o:debian:debian_linux:6.0:*.*.*.*.*.*.*:              |         |                              |     |     |     |     |
| cpe:2.3:o:debian:debian_linux:5.0:*.*.*.*.*.*.*:              |         |                              |     |     |     |     |
| cpe:2.3:o:debian:debian_linux:6.0:*.*.*.*.*.*.*:              |         |                              |     |     |     |     |
| cpe:2.3:o:fedoraproject:fedora:14:*.*.*.*.*.*.*:              |         |                              |     |     |     |     |
| cpe:2.3:o:fedoraproject:fedora:14:*.*.*.*.*.*.*:              |         |                              |     |     |     |     |
| cpe:2.3:a:google:chrome:*.*.*.*.*.*.*:                        |         |                              |     |     |     |     |
| cpe:2.3:a:google:chrome:*.*.*.*.*.*.*:                        |         |                              |     |     |     |     |
| cpe:2.3:a:hp:insight_control_server_deployment:*.*.*.*.*.*.*: |         |                              |     |     |     |     |
| cpe:2.3:a:hp:insight_control_server_deployment:*.*.*.*.*.*.*: |         |                              |     |     |     |     |
| cpe:2.3:a:hp:rapid_deployment_pack:*.*.*.*.*.*.*:             |         |                              |     |     |     |     |
| cpe:2.3:a:hp:rapid_deployment_pack:*.*.*.*.*.*.*:             |         |                              |     |     |     |     |
| cpe:2.3:o:opensuse:opensuse:11.2:*.*.*.*.*.*.*:               |         |                              |     |     |     |     |
| cpe:2.3:o:opensuse:opensuse:11.3:*.*.*.*.*.*.*:               |         |                              |     |     |     |     |
| cpe:2.3:o:opensuse:opensuse:11.2:*.*.*.*.*.*.*:               |         |                              |     |     |     |     |

|                                                               |
|---------------------------------------------------------------|
| cpe:2.3:o:opensuse:opensuse:11.3:*:*:*:*:*:                   |
| cpe:2.3:o:redhat:enterprise_linux_desktop:6.0:*:*:*:*:*:      |
| cpe:2.3:o:redhat:enterprise_linux_desktop:6.0:*:*:*:*:*:      |
| cpe:2.3:o:redhat:enterprise_linux_eus:6.3:*:*:*:*:*:          |
| cpe:2.3:o:redhat:enterprise_linux_eus:6.3:*:*:*:*:*:          |
| cpe:2.3:o:redhat:enterprise_linux_server:6.0:*:*:*:*:*:       |
| cpe:2.3:o:redhat:enterprise_linux_server:6.0:*:*:*:*:*:       |
| cpe:2.3:o:redhat:enterprise_linux_workstation:6.0:*:*:*:*:*:  |
| cpe:2.3:o:redhat:enterprise_linux_workstation:6.0:*:*:*:*:*:  |
| cpe:2.3:o:suse:suse_linux_enterprise_server:11:sp1:*:*:*:*:*: |
| cpe:2.3:o:suse:suse_linux_enterprise_server:11:sp1:*:*:*:*:*: |
| cpe:2.3:a:xmlsoft:libxml2:*:*:*:*:*:                          |

No vendor comments have been submitted for this CVE

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