# CVE-2010-3316

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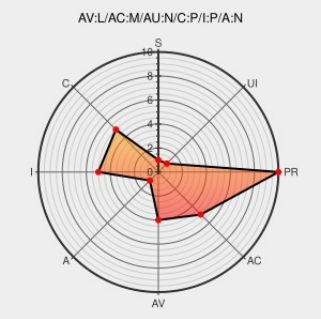
## CVE-2010-3316

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF




Certain versions of Linux-pam from Linux-pam contain the following vulnerability:

The run_coprocess function in pam_xauth.c in the pam_xauth module in Linux-PAM (aka pam) before 1.1.2 does not check the return values of the setuid, setgid, and setgroups system calls, which might allow local users to read arbitrary files by executing a program that relies on the pam_xauth PAM check.

CVE-2010-3316 has been assigned by secalert@redhat.com to track the vulnerability

### CVSS2 Score: 3.3 - LOW

| Access Vector | Access Complexity | Authentication |
|---|---|---|
| LOCAL | MEDIUM | NONE |
| **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| PARTIAL | PARTIAL | NONE |

### CVE References

| Description | Tags | Link |
|---|---|---|
| Pluggable Auth Modules / Bugs / #314 Minor security flaw with pam_xauth | sourceforge.net, text/html | MISC sourceforge.net/tracker/?func=detail&aid=3028213&group_id=6663&atid=106663 |
| Gentoo Linux Documentation -- Linux-PAM: Multiple vulnerabilities | security.gentoo.org, text/html | GENTOO GLSA-201206-31 |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH | www.vupen.com, text/html | VUPEN ADV-2011-0606 |
| git.altlinux.org - pam.git/commit | Patch, web.archive.org, text/xml | MISC git.altlinux.org/people/ldv/packages/?p=pam.git%3Ba=commit%3Bh=06f882f30092a39a1db867c9744b2ca8d60e4ad6 |

| | | |
|---|---|---|
| | Inactive Link Not Archived | |
| Support / Security / Advisories / / MDVSA-2010:220 \| Mandriva | www.mandriva.com text/html | MANDRIVA MDVSA-2010:220 |
| rhn.redhat.com \| Red Hat Support | www.redhat.com text/html | REDHAT RHSA-2010:0819 |
| oss-security - Re: Minor security flaw with pam_xauth | Patch openwall.com text/html | MLIST [oss-security] 20100928 Re: Minor security flaw with pam_xauth |
| oss-security - Re: Minor security flaw with pam_xauth | Patch www.openwall.com text/html | MLIST [oss-security] 20100924 Re: Minor security flaw with pam_xauth |
| oss-security - Minor security flaw with pam_xauth | openwall.com text/html | MLIST [oss-security] 20100816 Minor security flaw with pam_xauth |
| oss-security - Re: Minor security flaw with pam_xauth | Patch openwall.com text/html | MLIST [oss-security] 20100921 Re: Minor security flaw with pam_xauth |
| [Security-announce] VMSA-2011-0004 VMware ESX/ESXi SLPD denial of service vulnerability and ESX third party updates for Service Console packages bind, pam, and rpm | lists.vmware.com text/html | MLIST [security-announce] 20110307 VMSA-2011-0004 VMware ESX/ESXi SLPD denial of service vulnerability and ESX third party updates for Service Console packages bind, pam, and rpm |
| rhn.redhat.com \| Red Hat Support | www.redhat.com text/html | REDHAT RHSA-2010:0891 |
| SecurityFocus | www.securityfocus.com text/html | BUGTRAQ 20110308 VMSA-2011-0004 VMware ESX/ESXi SLPD denial of service vulnerability and ESX third party updates for Service Console packages bind, pam, and rpm. |
| VMSA-2011-0004 | www.vmware.com text/html | CONFIRM www.vmware.com/security/advisories/VMSA-2011-0004.html |
| Security Advisory SA49711 - Gentoo update for pam - Secunia | web.archive.org text/html | SECUNIA 49711 |
| 637898 – (CVE-2010-3316) CVE-2010-3316 pam: pam_xauth missing return value checks from setuid() and similar calls | Patch bugzilla.redhat.com text/html | CONFIRM bugzilla.redhat.com/show_bug.cgi?id=637898 |
| oss-security - Re: Minor security flaw with pam_xauth | Patch openwall.com text/html | MLIST [oss-security] 20100921 Re: Minor security flaw with pam_xauth |
| oss-security - Re: Minor security flaw with pam_xauth | Patch openwall.com text/html | MLIST [oss-security] 20100927 Re: Minor security flaw with pam_xauth |
| oss-security - Re: Minor security flaw with pam_xauth | Patch openwall.com text/html | MLIST [oss-security] 20101025 Re: Minor security flaw with pam_xauth |
| oss-security - Re: Minor security flaw with pam_xauth | openwall.com text/html | MLIST [oss-security] 20100928 Re: Minor security flaw with pam_xauth |

| | | |
|---|---|---|
| oss-security - Re: Minor security flaw with pam_xauth | Patch<br>openwall.com<br>text/html | MLIST [oss-security] 20100927 Re: Minor security flaw with pam_xauth |



There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Linux-pam | Linux-pam | 0.99.1.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.10.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.2.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.2.1 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.3.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.4.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.5.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.6.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.6.1 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.6.2 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.6.3 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.7.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.7.1 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.8.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.8.1 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.9.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 1.0.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 1.0.1 | All | All | All |
| Application | Linux-pam | Linux-pam | 1.0.2 | All | All | All |
| Application | Linux-pam | Linux-pam | 1.0.3 | All | All | All |
| Application | Linux-pam | Linux-pam | 1.0.4 | All | All | All |
| Application | Linux-pam | Linux-pam | 1.1.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.1.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.10.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.2.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.2.1 | All | All | All |

| | | | | | | |
|---|---|---|---|---|---|---|
| Application | Linux-pam | Linux-pam | 0.99.3.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.4.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.5.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.6.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.6.1 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.6.2 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.6.3 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.7.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.7.1 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.8.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.8.1 | All | All | All |
| Application | Linux-pam | Linux-pam | 0.99.9.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 1.0.0 | All | All | All |
| Application | Linux-pam | Linux-pam | 1.0.1 | All | All | All |
| Application | Linux-pam | Linux-pam | 1.0.2 | All | All | All |
| Application | Linux-pam | Linux-pam | 1.0.3 | All | All | All |
| Application | Linux-pam | Linux-pam | 1.0.4 | All | All | All |
| Application | Linux-pam | Linux-pam | 1.1.0 | All | All | All |
| Application | Linux-pam | Linux-pam | All | All | All | All |

cpe:2.3:a:linux-pam:linux-pam:0.99.1.0:*:*:*:*:*:*:*:

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cpe:2.3:a:linux-pam:linux-pam:0.99.2.1:*:*:*:*:*:*:*:

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cpe:2.3:a:linux-pam:linux-pam:0.99.6.0:*:*:*:*:*:*:*:

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cpe:2.3:a:linux-pam:linux-pam:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→