



# CVE-2008-4578

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

## Summary

|                        |                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2008-4578                                                                                                                |
| <b>State</b>           | PUBLIC                                                                                                                       |
| <b>Assigner</b>        | secalert@redhat.com                                                                                                          |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                 |
| <b>Published</b>       | 2008-10-15 20:08:00 UTC                                                                                                      |
| <b>Updated</b>         | 2018-10-11 20:52:00 UTC                                                                                                      |
| <b>Description</b>     | The ACL plugin in Dovecot before 1.1.4 allows attackers to bypass intended access restrictions by using the "k" right to cre |

## Risk And Classification

### Problem Types: CWE-264

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                  | Product                 | Version   | Update | Edition | Language |
|-------------|-------------------------|-------------------------|-----------|--------|---------|----------|
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 0.99.13   | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 0.99.14   | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0       | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.10    | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.12    | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.2     | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.3     | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.4     | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.5     | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.6     | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.7     | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.8     | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.9     | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta1 | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta2 | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta3 | All    | All     | All      |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta4 | All    | All     | All      |

|             |                         |                         |           |     |     |     |
|-------------|-------------------------|-------------------------|-----------|-----|-----|-----|
|             |                         |                         |           |     |     |     |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta5 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta6 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta7 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta8 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta9 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc1   | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc10  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc11  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc12  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc13  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc14  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc15  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc16  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc17  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc18  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc19  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc2   | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc20  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc21  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc22  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc23  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc24  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc25  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc26  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc27  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc28  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc3   | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc4   | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc5   | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc6   | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc7   | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc8   | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc9   | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0_rc29  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.1       | All | All | All |

|             |                         |                         |           |     |     |     |
|-------------|-------------------------|-------------------------|-----------|-----|-----|-----|
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.1       | rc2 | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.1.0     | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.1.1     | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.1.2     | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 0.99.13   | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 0.99.14   | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0       | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.10    | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.12    | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.2     | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.3     | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.4     | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.5     | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.6     | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.7     | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.8     | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.9     | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta1 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta2 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta3 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta4 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta5 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta6 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta7 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta8 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.beta9 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc1   | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc10  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc11  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc12  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc13  | All | All | All |
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| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc15  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc16  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc17  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc18  | All | All | All |

|             |                         |                         |          |     |     |     |
|-------------|-------------------------|-------------------------|----------|-----|-----|-----|
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| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc19 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc2  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc20 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc21 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc22 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc23 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc24 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc25 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc26 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc27 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc28 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc3  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc4  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc5  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc6  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc7  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc8  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0.rc9  | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.0_rc29 | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.1      | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.1      | rc2 | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.1.0    | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.1.1    | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | 1.1.2    | All | All | All |
| Application | <a href="#">Dovecot</a> | <a href="#">Dovecot</a> | All      | All | All | All |

| References                                                                                                        |  |  |  |  |          |                                       |
|-------------------------------------------------------------------------------------------------------------------|--|--|--|--|----------|---------------------------------------|
| Reference                                                                                                         |  |  |  |  | Source   | Link                                  |
| Dovecot: Multiple vulnerabilities — Gentoo Linux Documentation                                                    |  |  |  |  | GENTOO   | <a href="#">security.gentoo.org</a>   |
| Support / Security / Advisories // MDVSA-2008:232   Mandriva                                                      |  |  |  |  | MANDRIVA | <a href="#">www.mandriva.com</a>      |
| Gentoo Bug 240409 - net-mail/dovecot < 1.1.4 acl_plugin privilege escalation (CVE-2008-4577,CVE-2008-4578)        |  |  |  |  | CONFIRM  | <a href="#">bugs.gentoo.org</a>       |
| Dovecot ACL Plugin Security Bypass Security Issues - Secunia Advisories - Vulnerability Information - Secunia.com |  |  |  |  | SECUNIA  | <a href="#">secunia.com</a>           |
| SecurityFocus                                                                                                     |  |  |  |  | BUGTRAQ  | <a href="#">www.securityfocus.com</a> |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH                                                  |  |  |  |  | VUPEN    | <a href="#">www.vulnhub.com</a>       |
| [Dovecot-news] v1.1.4 released                                                                                    |  |  |  |  | MLIST    | <a href="#">www.dovecot.org</a>       |

|                                                             |         |                           |
|-------------------------------------------------------------|---------|---------------------------|
| Dovecot ACL Plugin Multiple Security Bypass Vulnerabilities | BID     | <a href="#">www.se</a>    |
| Gentoo update for dovecot - Secunia.com                     | SECUNIA | <a href="#">secunia.</a>  |
| IBM X-Force Exchange                                        | XF      | <a href="#">exchang</a>   |
| CVE Program record                                          | CVE.ORG | <a href="#">www.cve</a>   |
| NVD vulnerability detail                                    | NVD     | <a href="#">nvd.nist.</a> |



### Vendor Comments And Credit

| Organization | Published  | Contributor     | Statement                                                                                        |
|--------------|------------|-----------------|--------------------------------------------------------------------------------------------------|
| Red Hat      | 2008-10-24 | Joshua Bressers | The risks associated with fixing this bug are greater than the low severity security risk. We th |



There are currently no legacy QID mappings associated with this CVE.

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