



# CVE-2011-4587

Published on: 07/20/2012 12:00:00 AM UTC

Last Modified on: 02/13/2023 01:21:00 AM UTC

## CVE-2011-4587

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

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

lib/moodlelib.php in Moodle 1.9.x before 1.9.15, 2.0.x before 2.0.6, and 2.1.x before 2.1.3 does not properly handle certain zero values in the password policy, which makes it easier for remote attackers to obtain access by leveraging the possible existence of user accounts that have unchangeable blank passwords.

CVE-2011-4587 has been assigned by [secalert@redhat.com](mailto:secalert@redhat.com) to track the vulnerability

CVSS2 Score: **6.8 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                                                              | Tags                                                                                           | Link                                                                                                        |
|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Bug 761248 – moodle: multiple security fixes in 2.1.3, 2.0.6, and 1.9.15 | <a href="#">bugzilla.redhat.com</a><br><a href="#">text/html</a>                               | <a href="#">CONFIRM bugzilla.redhat.com/show_bug.cgi?id=761248</a>                                          |
| Moodle.org: MSA-11-0048: Password loss issue                             | <a href="#">Vendor Advisory</a><br><a href="#">moodle.org</a><br><a href="#">text/html</a>     | <a href="#">CONFIRM moodle.org/mod/forum/discuss.php?d=191755</a>                                           |
| Debian -- Security Information -- DSA-2421-1 moodle                      | <a href="#">www.debian.org</a><br><a href="#">Deprecated Link</a><br><a href="#">text/html</a> | <a href="#">DEBIAN DSA-2421</a>                                                                             |
| Official Moodle git projects - moodle.git/commit                         | <a href="#">Patch</a><br><a href="#">web.archive.org</a><br><a href="#">text/xml</a>           | <a href="#">MISC git.moodle.org/gw?p=moodle.git%3Ba=commit%3Bh=e079e82c087becf06d902089d14f3f76686bde19</a> |

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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="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.1   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.10  | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.11  | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.12  | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.13  | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.14  | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.2   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.3   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.4   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.5   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.6   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.7   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.8   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.9   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.0.0   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.0.1   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.0.2   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.0.3   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.0.4   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.0.5   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.1.0   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.1.1   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.1.2   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.1   | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.10  | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.11  | All    | All     | All      |
| Application | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.12  | All    | All     | All      |

|                                           |                        |                        |        |     |     |     |
|-------------------------------------------|------------------------|------------------------|--------|-----|-----|-----|
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.13 | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.14 | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.2  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.3  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.4  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.5  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.6  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.7  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.8  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 1.9.9  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.0.0  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.0.1  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.0.2  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.0.3  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.0.4  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.0.5  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.1.0  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.1.1  | All | All | All |
| Application                               | <a href="#">Moodle</a> | <a href="#">Moodle</a> | 2.1.2  | All | All | All |
| cpe:2.3:a:moodle:moodle:1.9.1:*:*:*:*:*:  |                        |                        |        |     |     |     |
| cpe:2.3:a:moodle:moodle:1.9.10:*:*:*:*:*: |                        |                        |        |     |     |     |
| cpe:2.3:a:moodle:moodle:1.9.11:*:*:*:*:*: |                        |                        |        |     |     |     |
| cpe:2.3:a:moodle:moodle:1.9.12:*:*:*:*:*: |                        |                        |        |     |     |     |
| cpe:2.3:a:moodle:moodle:1.9.13:*:*:*:*:*: |                        |                        |        |     |     |     |
| cpe:2.3:a:moodle:moodle:1.9.14:*:*:*:*:*: |                        |                        |        |     |     |     |
| cpe:2.3:a:moodle:moodle:1.9.2:*:*:*:*:*:  |                        |                        |        |     |     |     |
| cpe:2.3:a:moodle:moodle:1.9.3:*:*:*:*:*:  |                        |                        |        |     |     |     |
| cpe:2.3:a:moodle:moodle:1.9.4:*:*:*:*:*:  |                        |                        |        |     |     |     |
| cpe:2.3:a:moodle:moodle:1.9.5:*:*:*:*:*:  |                        |                        |        |     |     |     |
| cpe:2.3:a:moodle:moodle:1.9.6:*:*:*:*:*:  |                        |                        |        |     |     |     |
| cpe:2.3:a:moodle:moodle:1.9.7:*:*:*:*:*:  |                        |                        |        |     |     |     |
| cpe:2.3:a:moodle:moodle:1.9.8:*:*:*:*:*:  |                        |                        |        |     |     |     |

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cpe:2.3:a:moodle:moodle:1.9.9:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.0.0:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.0.1:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.0.2:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.0.3:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.0.4:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.0.5:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.1.0:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.1.1:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.1.2:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:1.9.1:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:1.9.10:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:1.9.11:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:1.9.12:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:1.9.13:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:1.9.14:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:1.9.2:*:*:*:*:*:*:
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```
cpe:2.3:a:moodle:moodle:1.9.3:*:*:*:*:*:*:
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```
cpe:2.3:a:moodle:moodle:1.9.4:*:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:1.9.5:*:*:*:*:*:
```

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cpe:2.3:a:moodle:moodle:1.9.6:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:1.9.7:*:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:1.9.8:*:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:1.9.9:*:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:2.0.0:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:2.0.1:*:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:2.0.2:*:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:2.0.3:*:*:*:*:*:*:
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|-----------------------------------------------------|--------------------------|
| cpe:2.3:a:moodle:moodle:2.0.4:*****:                |                          |
| cpe:2.3:a:moodle:moodle:2.0.5:*****:                |                          |
| cpe:2.3:a:moodle:moodle:2.1.0:*****:                |                          |
| cpe:2.3:a:moodle:moodle:2.1.1:*****:                |                          |
| cpe:2.3:a:moodle:moodle:2.1.2:*****:                |                          |
| No vendor comments have been submitted for this CVE |                          |
| <a href="#">← Previous ID</a>                       | <a href="#">Next ID→</a> |

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