

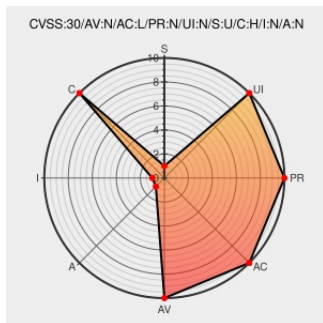


CVE-2015-5267

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CVE-2015-5267

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

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

lib/moodlelib.php in Moodle through 2.6.11, 2.7.x before 2.7.10, 2.8.x before 2.8.8, and 2.9.x before 2.9.2 relies on the PHP mt_rand function to implement the random_string and complex_random_string functions, which makes it easier for remote attackers to predict password-recovery tokens via a brute-force approach.

CVE-2015-5267 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	NONE	NONE

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Moodle.org: MSA-15-0034: Vulnerability in password recovery mechanism	Vendor Advisory moodle.org text/html	CONFIRM moodle.org/mod/forum/discuss.php?d=320291

Official Moodle git projects - moodle.git/search	git.moodle.org text/xml	 CONFIRM git.moodle.org/gw?p=moodle.git&a=search&h=HEAD&st=commit&s=MDL-50860
Moodle Multiple Flaws Let Remote Users Guess Password Recovery Tokens and Remote Authenticated Users Access Data, Delete Files, and Conduct Cross-Site Scripting Attacks - SecurityTracker	www.securitytracker.com text/html	 SECTrack 1033619
oss-security - Moodle security release	www.openwall.com text/html	 MLIST [oss-security] 20150921 Moodle security release

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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	Moodle	Moodle	2.7.0	All	All	All
Application	Moodle	Moodle	2.7.1	All	All	All
Application	Moodle	Moodle	2.7.2	All	All	All
Application	Moodle	Moodle	2.7.3	All	All	All
Application	Moodle	Moodle	2.7.4	All	All	All
Application	Moodle	Moodle	2.7.5	All	All	All
Application	Moodle	Moodle	2.7.6	All	All	All
Application	Moodle	Moodle	2.7.7	All	All	All
Application	Moodle	Moodle	2.7.8	All	All	All
Application	Moodle	Moodle	2.7.9	All	All	All
Application	Moodle	Moodle	2.8.0	All	All	All
Application	Moodle	Moodle	2.8.1	All	All	All
Application	Moodle	Moodle	2.8.2	All	All	All
Application	Moodle	Moodle	2.8.3	All	All	All
Application	Moodle	Moodle	2.8.4	All	All	All
Application	Moodle	Moodle	2.8.5	All	All	All
Application	Moodle	Moodle	2.8.6	All	All	All
Application	Moodle	Moodle	2.8.7	All	All	All
Application	Moodle	Moodle	2.9.0	All	All	All
Application	Moodle	Moodle	2.9.1	All	All	All
Application	Moodle	Moodle	2.7.0	All	All	All

Application	Moodle	Moodle	2.7.1	All	All	All
Application	Moodle	Moodle	2.7.2	All	All	All
Application	Moodle	Moodle	2.7.3	All	All	All
Application	Moodle	Moodle	2.7.4	All	All	All
Application	Moodle	Moodle	2.7.5	All	All	All
Application	Moodle	Moodle	2.7.6	All	All	All
Application	Moodle	Moodle	2.7.7	All	All	All
Application	Moodle	Moodle	2.7.8	All	All	All
Application	Moodle	Moodle	2.7.9	All	All	All
Application	Moodle	Moodle	2.8.0	All	All	All
Application	Moodle	Moodle	2.8.1	All	All	All
Application	Moodle	Moodle	2.8.2	All	All	All
Application	Moodle	Moodle	2.8.3	All	All	All
Application	Moodle	Moodle	2.8.4	All	All	All
Application	Moodle	Moodle	2.8.5	All	All	All
Application	Moodle	Moodle	2.8.6	All	All	All
Application	Moodle	Moodle	2.8.7	All	All	All
Application	Moodle	Moodle	2.9.0	All	All	All
Application	Moodle	Moodle	2.9.1	All	All	All
Application	Moodle	Moodle	All	All	All	All
cpe:2.3:a:moodle:moodle:2.7.0:*****:*						
cpe:2.3:a:moodle:moodle:2.7.1:*****:*						
cpe:2.3:a:moodle:moodle:2.7.2:*****:*						
cpe:2.3:a:moodle:moodle:2.7.3:*****:*						
cpe:2.3:a:moodle:moodle:2.7.4:*****:*						
cpe:2.3:a:moodle:moodle:2.7.5:*****:*						
cpe:2.3:a:moodle:moodle:2.7.6:*****:*						
cpe:2.3:a:moodle:moodle:2.7.7:*****:*						
cpe:2.3:a:moodle:moodle:2.7.8:*****:*						
cpe:2.3:a:moodle:moodle:2.7.9:*****:*						
cpe:2.3:a:moodle:moodle:2.8.0:*****:*						
cpe:2.3:a:moodle:moodle:2.8.1:*****:*						
cpe:2.3:a:moodle:moodle:2.8.2:*****:*						

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spc.2.0.a.module.module.2.0.2. . . . .

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cpe:2.3:a:moodle:moodle:2.8.3:*:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.8.4:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.8.5:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.8.6:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.8.7:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.9.0:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.9.1:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.7.0:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.7.1:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.7.2:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.7.3:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.7.4:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.7.5:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.7.6:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.7.7:*:*:*:*:*:*:

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cpe:2.3:a:moodle:moodle:2.7.8:*:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:2.7.9:*:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:2.8.0:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.8.1:*.~*~*~*~*~*~*
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```
cpe:2.3:a:moodle:moodle:2.8.2:*:*:*:*:*:*:
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cpe:2.3:a:moodle:moodle:2.8.3:*:*:*:*:*:*:
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```
cpe:2.3:a:moodle:moodle:2.8.4:*:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:2.8.5:*:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:2.8.6:*:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:2.8.7:*:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:2.9.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:2.9.1:*:*:*:*:*:
```

```
cpe:2.3:a:moodle:moodle:*.:*:*:*:*:*:*:
```

No vendor comments have been submitted for this CVE

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