



CVE-2019-3849

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

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

A vulnerability was found in moodle before versions 3.6.3, 3.5.5 and 3.4.8. Users could assign themselves an escalated role within courses or content accessed via LTI, by modifying the request to the LTI publisher site.

CVE-2019-3849 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [UNKNOWN] - moodle version 3.6.3

Affected Vendor/Software: [UNKNOWN] - moodle version 3.5.5

Affected Vendor/Software: [UNKNOWN] - moodle version 3.4.8

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **6.5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Moodle.org: MSA-19-0006: Users could elevate their role when accessing the LTI tool on a provider site	Patch Vendor Advisory moodle.org text/html	 MISC moodle.org/mod/forum/discuss.php?d=384012#p1547744
1692908 – (CVE-2019-3849) CVE-2019-3849 moodle: Users could elevate their role when accessing the LTI tool on a provider site	Issue Tracking Patch Third Party Advisory bugzilla.redhat.com text/html	 CONFIRM bugzilla.redhat.com/show_bug.cgi?id=CVE-2019-3849

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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	All	All	All	All
Application	Moodle	Moodle	All	All	All	All
cpe:2.3:a:moodle:moodle:*.:*:*:*:*.*						
cpe:2.3:a:moodle:moodle:*.:*:*:*:*.*						

No vendor comments have been submitted for this CVE

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