

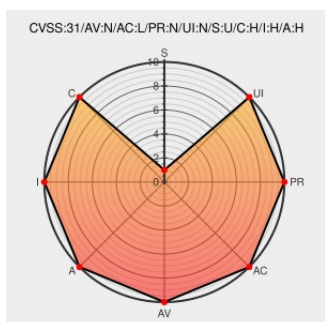


# CVE-2021-36394

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## CVE-2021-36394

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

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

In Moodle, a remote code execution risk was identified in the Shibboleth authentication plugin.

CVE-2021-36394 has been assigned by [patrick@puiterwijk.org](#) to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

## CVE References

| Description                                                                                   | Tags                                                    | Link                                                                              |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------|
| Moodle.org: MSA-21-0022: Remote code execution risk when Shibboleth authentication is enabled | <a href="#">moodle.org</a><br><a href="#">text/html</a> | <a href="#">MISC</a><br><a href="#">moodle.org/mod/forum/discuss.php?d=424799</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                                                                                     | Moodle                                                                                                                                                                                                                                                     | Moodle  | All     | All    | All     | All                 |
| cpe:2.3:a:moodle:moodle:*:*:*:*:*:                                                              |                                                                                                                                                                                                                                                            |         |         |        |         |                     |
| No vendor comments have been submitted for this CVE                                             |                                                                                                                                                                                                                                                            |         |         |        |         |                     |
| Social Mentions                                                                                 |                                                                                                                                                                                                                                                            |         |         |        |         |                     |
| Source                                                                                          | Title                                                                                                                                                                                                                                                      |         |         |        |         | Posted (UTC)        |
|  @DFNCERT       | #Moodle: CVE-2021-36394 kann ausgenutzt werden, wenn Shibboleth zur Authentifizierung eingesetzt wird. ⚠️Plugin dea... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>                                                   |         |         |        |         | 2021-07-27 16:52:47 |
|  @Jok3rDb       | The POC is CVE-2021-36394 release <a href="https://github.com/dinhbaouit/CVE...">github.com/dinhbaouit/CVE...</a> <a href="https://0xd0ff9.wordpress.com/2021/08/28/cve...">0xd0ff9.wordpress.com/2021/08/28/cve...</a>                                    |         |         |        |         | 2021-08-28 04:39:08 |
|  @ipssignatures | The vuln CVE-2021-36394 has a tweet created 0 days ago and retweeted 10 times. <a href="https://twitter.com/Jok3rDb/status...">twitter.com/Jok3rDb/status...</a> #pow1rtrtwwcve                                                                            |         |         |        |         | 2021-08-28 13:06:00 |
|  @Securityblog  | GitHub - dinhbaouit/CVE-2021-36394 <a href="https://github.com/dinhbaouit/CVE...">github.com/dinhbaouit/CVE...</a>                                                                                                                                         |         |         |        |         | 2021-08-30 08:42:45 |
|  @martinorob    | GitHub - dinhbaouit/CVE-2021-36394 <a href="https://github.com/dinhbaouit/CVE...">github.com/dinhbaouit/CVE...</a> #cybersecurity #security #infosecurity #itsecurity... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> |         |         |        |         | 2021-08-30 08:43:36 |
|  @OPOSEC       | Pre-Auth RCE in Moodle (CVE-2021-36394/CVE-2021-40691). <a href="https://haxolot.com/posts/2021/moo...">haxolot.com/posts/2021/moo...</a> More: <a href="https://haxolot.com/posts/2022/moo...">haxolot.com/posts/2022/moo...</a> #Security #413 (2022)    |         |         |        |         | 2022-01-19 12:00:02 |
|  @CVEreport   | CVE-2021-36394 : In Moodle, a remote code execution risk was identified in the #Shibboleth authentication plugin.... <a href="https://cve.report/CVE-2021-36394">cve.report/CVE-2021-36394</a>                                                             |         |         |        |         | 2023-03-06 21:08:26 |
|  /r/netcve    | CVE-2021-36394                                                                                                                                                                                                                                             |         |         |        |         | 2023-03-06 22:38:27 |
| <div><div><a href="#">← Previous ID</a></div><div><a href="#">Next ID →</a></div></div>         |                                                                                                                                                                                                                                                            |         |         |        |         |                     |

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