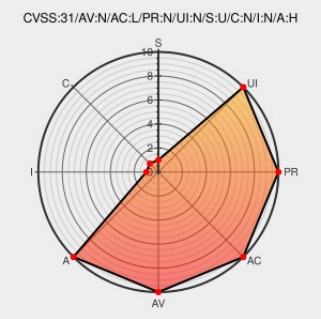
# CVE-2020-28268

Published on: 11/15/2020 12:00:00 AM UTC

Last Modified on: 12/02/2022 07:41:00 PM UTC

## CVE-2020-28268

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF




Certain versions of Controlled-merge from Controlled-merge Project contain the following vulnerability:

Prototype pollution vulnerability in 'controlled-merge' versions 1.0.0 through 1.2.0 allows attacker to cause a denial of service and may lead to remote code execution.

CVE-2020-28268 has been assigned by vulnerabilitylab@whitesourcesoftware.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 | NONE | NONE | HIGH |

### CVSS2 Score: 5 - MEDIUM

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

### CVE References

| Description | Tags | Link |
|---|---|---|
| CVE-2020-28268 \| WhiteSource Vulnerability Database | Third Party Advisory<br>www.whitesourcesoftware.com<br>text/html | MISC www.whitesourcesoftware.com/vulnerability-database/CVE-2020-28268 |

| | | |
|---|---|---|
| merge :Merge pull request #3 from hlfshell/fix/security_vuln · hlfshell/controlled-merge@5a4b2e9 · GitHub | Patch<br>Third Party Advisory<br>github.com<br>text/html | MISC github.com/hlfshell/controlled-merge/commit/5a4b2e9ffe5a0be7f8843d4ab038599d3ae5f9d4 |



## Related QID Numbers

981899 Nodejs (npm) Security Update for controlled-merge (GHSA-5pg7-v24c-9rp9)

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Controlled-merge Project | Controlled-merge | All | All | All | All |

cpe:2.3:a:controlled-merge_project:controlled-merge:*:*:*:*:*:node.js:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→