



# CVE-2020-15660

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## CVE-2020-15660

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

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

Missing checks on Content-Type headers in geckodriver before 0.27.0 could lead to a CSRF vulnerability, that might, when paired with a specifically prepared request, lead to remote code execution.

CVE-2020-15660 has been assigned by [m](#) security@mozilla.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

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

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                                                                                        |
|--------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Release 0.27.0 · mozilla/geckodriver · GitHub                | <a href="#">github.com</a><br><a href="#">text/html</a>       | <a href="#">MISC github.com/mozilla/geckodriver/releases/tag/v0.27.0</a>                    |
| oss-security - Browser-mediated attacks on WebDriver servers | <a href="#">www.openwall.com</a><br><a href="#">text/html</a> | <a href="#">MLIST [oss-security] 20220207 Browser-mediated attacks on WebDriver servers</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="#">Mozilla</a> | <a href="#">Geckodriver</a> | All     | All    | All     | All      |
| cpe:2.3:a:mozilla:geckodriver:*:*:*:*:*: |                         |                             |         |        |         |          |

No vendor comments have been submitted for this CVE

#### Social Mentions

| Source                                                                                            | Title                                                                                                                                                                                                    | Posted (UTC)           |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
|  @CVEreport       | CVE-2020-15660 : Missing checks on Content-Type headers in geckodriver before 0.27.0 could lead to a CSRF vulnerabi... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> | 2021-07-20<br>12:09:08 |
|  @Velletron     | CVE-2020-15660 <a href="https://ift.tt/3hTL59X">ift.tt/3hTL59X</a> #CVE #Vulnerability                                                                                                                   | 2021-07-20<br>14:54:19 |
|  @xanadulinux   | CVE-2020-15660 <a href="https://ift.tt/3hTL59X">ift.tt/3hTL59X</a>                                                                                                                                       | 2021-07-20<br>15:02:41 |
|  @workentin     | New vulnerability on the NVD: CVE-2020-15660 <a href="https://ift.tt/3hTL59X">ift.tt/3hTL59X</a>                                                                                                         | 2021-07-20<br>15:05:17 |
|  @WesUncensored | New vulnerability on the NVD: CVE-2020-15660 <a href="https://ift.tt/3hTL59X">ift.tt/3hTL59X</a>                                                                                                         | 2021-07-20<br>15:48:37 |
|  @threatmeter   | CVE-2020-15660 Missing checks on Content-Type headers in geckodriver before 0.27.0 could lead to a CSRF vulnerabi... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>   | 2021-07-21<br>07:50:27 |
|  /r/netcve      | <a href="#">CVE-2020-15660</a>                                                                                                                                                                           | 2021-07-20<br>12:40:24 |

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