



# CVE-2020-16262

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## CVE-2020-16262

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

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

Winston 1.5.4 devices have a local www-data user that is overly permitted, resulting in root privilege escalation.

CVE-2020-16262 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **7.2 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| LOCAL                  | LOW               | NONE                |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| COMPLETE               | COMPLETE          | COMPLETE            |

## CVE References

| Description                                                           | Tags                                                                                       | Link                                                        |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Winston Privacy - Distributed VPN and Privacy Protection for the home | <a href="#">Product</a><br><a href="#">winstonprivacy.com</a><br><a href="#">text/html</a> | <a href="#">MISC winstonprivacy.com/</a>                    |
| Winston Privacy Version 1.5.4                                         | <a href="#">Exploit</a>                                                                    | <a href="#">MISC labs.bishopfox.com/advisories/winston-</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 |
|------------------------------------------------------------|--------------------------------|----------------------------------|---------|--------|---------|----------|
| Hardware 🏠 ➦                                               | <a href="#">Winstonprivacy</a> | <a href="#">Winston</a>          | -       | All    | All     | All      |
| Hardware 🏠 ➦                                               | <a href="#">Winstonprivacy</a> | <a href="#">Winston</a>          | -       | All    | All     | All      |
| Operating System                                           | <a href="#">Winstonprivacy</a> | <a href="#">Winston Firmware</a> | 1.5.4   | All    | All     | All      |
| Operating System                                           | <a href="#">Winstonprivacy</a> | <a href="#">Winston Firmware</a> | 1.5.4   | All    | All     | All      |
| cpe:2.3:h:winstonprivacy:winston:-:*:*:*:*:*:              |                                |                                  |         |        |         |          |
| cpe:2.3:h:winstonprivacy:winston:-:*:*:*:*:*:              |                                |                                  |         |        |         |          |
| cpe:2.3:o:winstonprivacy:winston_firmware:1.5.4:*:*:*:*:*: |                                |                                  |         |        |         |          |
| cpe:2.3:o:winstonprivacy:winston_firmware:1.5.4:*:*:*:*:*: |                                |                                  |         |        |         |          |

No vendor comments have been submitted for this CVE

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