



# CVE-2017-10602

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2017-10602                                                                                                               |
| <b>State</b>           | PUBLIC                                                                                                                       |
| <b>Assigner</b>        | sirt@juniper.net                                                                                                             |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                 |
| <b>Published</b>       | 2017-07-17 13:18:00 UTC                                                                                                      |
| <b>Updated</b>         | 2018-07-12 01:29:00 UTC                                                                                                      |
| <b>Description</b>     | A buffer overflow vulnerability in Junos OS CLI may allow a local authenticated user with read only privileges and access to |

## Risk And Classification

### Problem Types: CWE-119

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                  | Product               | Version | Update | Edition | Language |
|------------------|-------------------------|-----------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.1x53 | All    | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.2    | All    | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.2    | r1     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.2    | r2     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.2    | r3     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.2    | r4     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.2    | r5     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | All    | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | a1     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | f1     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | f2     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | f2-s1  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | f2-s2  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | f2-s3  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | f2-s4  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | f3     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | f4     | All     | All      |

|                  |                         |                       |             |       |     |     |
|------------------|-------------------------|-----------------------|-------------|-------|-----|-----|
|                  |                         |                       |             |       |     |     |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | f6    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | r3    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49     | All   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49-d10 | All   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49-d20 | All   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49-d30 | All   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49-d35 | All   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d10   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d20   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d21   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d25   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d30   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d32   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d33   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d34   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d40   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d45   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d70   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.1x53     | All   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.2        | All   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.2        | r1    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.2        | r2    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.2        | r3    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.2        | r4    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 14.2        | r5    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | All   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | a1    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | f1    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | f2    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | f2-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | f2-s2 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | f2-s3 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | f2-s4 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | f3    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | f4    | All | All |

|                  |                         |                       |             |     |     |     |
|------------------|-------------------------|-----------------------|-------------|-----|-----|-----|
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | f6  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1        | r3  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49     | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49-d10 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49-d20 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49-d30 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49-d35 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d10 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d20 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d21 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d25 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d30 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d32 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d33 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d34 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d40 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d45 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53     | d70 | All | All |

References

| Reference                                                                                                           | Source   | Link                    |
|---------------------------------------------------------------------------------------------------------------------|----------|-------------------------|
| Juniper Junos CVE-2017-10602 Local Buffer Overflow Vulnerability                                                    | BID      | <a href="#">www.s</a>   |
| Juniper Junos Buffer Overflow in Command Line Interface Lets Local Users Obtain Root Privileges - SecurityTracker   | SECTrack | <a href="#">www.s</a>   |
| 2017-07 Security Bulletin: Junos OS: buffer overflow vulnerability in Junos CLI (CVE-2017-10602) - Juniper Networks | CONFIRM  | <a href="#">kb.juni</a> |
| CVE Program record                                                                                                  | CVE.ORG  | <a href="#">www.c</a>   |
| NVD vulnerability detail                                                                                            | NVD      | <a href="#">nvd.ni</a>  |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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**Free CVE JSON API** [cve.report/api](https://cve.report/api)

**CVE.report and Source URL Uptime Status** [status.cve.report](https://status.cve.report)