



# CVE-2017-2313

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

## Summary

|                        |                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2017-2313                                                                                                        |
| <b>State</b>           | PUBLIC                                                                                                               |
| <b>Assigner</b>        | sirt@juniper.net                                                                                                     |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                         |
| <b>Published</b>       | 2017-04-24 15:59:00 UTC                                                                                              |
| <b>Updated</b>         | 2017-07-11 01:33:00 UTC                                                                                              |
| <b>Description</b>     | Juniper Networks devices running affected Junos OS versions may be impacted by the receipt of a crafted BGP UPDATE v |

## Risk And Classification

### Problem Types: CWE-20

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                  | Product               | Version | Update | Edition | Language |
|------------------|-------------------------|-----------------------|---------|--------|---------|----------|
| 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    | f5     | 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    | f7     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | r4     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | r5     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | r6     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d10    | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d20    | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d30    | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d35    | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d40    | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d45    | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d50    | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d60    | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d65    | All     | All      |

|                  |                         |                       |         |      |     |     |
|------------------|-------------------------|-----------------------|---------|------|-----|-----|
|                  |                         |                       |         |      |     |     |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d70  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d75  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d80  | 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 | d210 | 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 | d60  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53 | d61  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53 | d62  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53 | d63  | 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> | 16.1    | r1   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1    | r2   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1    | r3   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1    | r4   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.2    | r1   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.2    | r2   | 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    | f5   | 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    | f7   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | r4   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | r5   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | r6   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d10  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d20  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d30  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d35  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d40  | All | All |

|                  |                         |                       |         |      |     |     |
|------------------|-------------------------|-----------------------|---------|------|-----|-----|
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d45  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d50  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d60  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d65  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d70  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d75  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x49 | d80  | 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 | d210 | 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 | d60  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53 | d61  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53 | d62  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1x53 | d63  | 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> | 16.1    | r1   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1    | r2   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1    | r3   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1    | r4   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.2    | r1   | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.2    | r2   | All | All |

References

| Reference                                                                                                          | Source   |
|--------------------------------------------------------------------------------------------------------------------|----------|
| 2017-04 Security Bulletin: Junos: rpd crash due to crafted BGP UPDATE (CVE-2017-2313) - Juniper Networks           | CONFIRM  |
| Juniper Junos BGP UPDATE Processing Flaw Lets Remote Users Cause the Target RPD Service to Crash - SecurityTracker | SECTrack |
| Juniper Junos CVE-2017-2313 Denial of Service Vulnerability                                                        | BID      |
| CVE Program record                                                                                                 | CVE.ORG  |
| NVD vulnerability detail                                                                                           | NVD      |

No vendor comments have been submitted for this CVE.

No vendor comments have been submitted for this CVE.

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

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