



# CVE-2021-0258

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

## Summary

|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2021-0258                                                                                                               |
| <b>State</b>           | PUBLIC                                                                                                                      |
| <b>Assigner</b>        | sirt@juniper.net                                                                                                            |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                |
| <b>Published</b>       | 2021-04-22 20:15:00 UTC                                                                                                     |
| <b>Updated</b>         | 2021-04-28 20:34:00 UTC                                                                                                     |
| <b>Description</b>     | A vulnerability in the forwarding of transit TCPv6 packets received on the Ethernet management interface of Juniper Network |

## Risk And Classification

### Problem Types: CWE-362

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                  | Product               | Version | Update | Edition | Language |
|------------------|-------------------------|-----------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | -      | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r1     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r1-s1  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r1-s2  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r1-s3  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r1-s4  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r1-s5  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r1-s6  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r1-s7  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r1-s8  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r2     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r2-s11 | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r2-s4  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r2-s6  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r2-s7  | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r3     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2    | r3-s1  | All     | All      |

|                  |                         |                       |      |        |     |     |
|------------------|-------------------------|-----------------------|------|--------|-----|-----|
|                  |                         |                       |      |        |     |     |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2 | r3-s2  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2 | r3-s3  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | -      | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r1     | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r1-s1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r1-s4  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r2     | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r2-s1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r2-s2  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r2-s3  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r2-s4  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r2-s5  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r3     | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r3     | -   | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r3-s1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r3-s10 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r3-s2  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r3-s3  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r3-s4  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r3-s5  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r3-s6  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r3-s7  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r3-s8  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | -      | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | r1     | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | r1-s1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | r1-s2  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | r1-s3  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | r1-s4  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | r1-s5  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | r1-s6  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | r1-s7  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | r2     | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | r2-s1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | r2-s10 | All | All |



|                  |                         |                       |      |       |     |     |
|------------------|-------------------------|-----------------------|------|-------|-----|-----|
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.2 | r2-s2 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.2 | r2-s3 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.2 | r2-s4 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.2 | r2-s5 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.2 | r2-s6 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.2 | r2-s7 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.2 | r3    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.2 | r3-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.2 | r3-s2 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.2 | r3-s3 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.2 | r3-s4 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | -     | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r1    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r1-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r1-s2 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r1-s3 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r1-s4 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r1-s5 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r1-s6 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r2    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r2-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r2-s2 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r2-s3 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r3    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r3-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.3 | r3-s2 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | -     | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r1    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r1-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r1-s2 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r1-s3 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r1-s4 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r1-s5 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r1-s6 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r1-s7 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r2    | All | All |

|                  |                         |                       |      |       |     |     |
|------------------|-------------------------|-----------------------|------|-------|-----|-----|
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r2-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r2-s2 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r2-s3 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r2-s4 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r3    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r3-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r3-s2 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.4 | r3-s3 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.1 | -     | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.1 | r1    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.1 | r1-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.1 | r1-s2 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.1 | r1-s3 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.1 | r1-s4 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.1 | r1-s5 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.1 | r2    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.1 | r2-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.2 | -     | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.2 | r1    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.2 | r1-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.2 | r1-s2 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.2 | r1-s3 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.2 | r1-s4 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.3 | -     | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.3 | r1    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.3 | r1-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.3 | r2    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.3 | r2-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.3 | r2-s2 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.3 | r2-s3 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.4 | r1    | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.4 | r1-s1 | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 19.4 | r1-s2 | All | All |

References

References

| Reference                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------|
| 2021-04 Security Bulletin: Junos OS: Kernel panic upon receipt of specific TCPv6 packet on management interface (CVE-2021-0258) - Juniper |
| CVE Program record                                                                                                                        |
| NVD vulnerability detail                                                                                                                  |
| <div> <div></div> <div></div> </div>                                                                                                      |
| No vendor comments have been submitted for this CVE.                                                                                      |
| There are currently no legacy QID mappings associated with this CVE.                                                                      |

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