



CVE-2021-31367

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2021-31367 |
| State | PUBLIC |
| Assigner | sirt@juniper.net |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2021-10-19 19:15:00 UTC |
| Updated | 2021-10-25 15:00:00 UTC |
| Description | A Missing Release of Memory after Effective Lifetime vulnerability in the Packet Forwarding Engine (PFE) of Juniper Netwo |

Risk And Classification

Problem Types: CWE-401

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|-------------------------|-----------------------|---------|--------|---------|----------|
| Operating System | Juniper | Junos | 18.4 | - | All | All |
| Operating System | Juniper | Junos | 18.4 | r1 | All | All |
| Operating System | Juniper | Junos | 18.4 | r1-s1 | All | All |
| Operating System | Juniper | Junos | 18.4 | r1-s2 | All | All |
| Operating System | Juniper | Junos | 18.4 | r1-s3 | All | All |
| Operating System | Juniper | Junos | 18.4 | r1-s4 | All | All |
| Operating System | Juniper | Junos | 18.4 | r1-s5 | All | All |
| Operating System | Juniper | Junos | 18.4 | r1-s6 | All | All |
| Operating System | Juniper | Junos | 18.4 | r1-s7 | All | All |
| Operating System | Juniper | Junos | 18.4 | r2 | All | All |
| Operating System | Juniper | Junos | 18.4 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 18.4 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 18.4 | r2-s3 | All | All |
| Operating System | Juniper | Junos | 18.4 | r2-s4 | All | All |
| Operating System | Juniper | Junos | 18.4 | r2-s5 | All | All |
| Operating System | Juniper | Junos | 18.4 | r2-s6 | All | All |
| Operating System | Juniper | Junos | 18.4 | r2-s7 | All | All |

| | | | | | | |
|------------------|---------|-------|------|-------|-----|-----|
| Operating System | Juniper | Junos | 18.4 | r2-s8 | All | All |
| Operating System | Juniper | Junos | 18.4 | r3 | All | All |
| Operating System | Juniper | Junos | 18.4 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 18.4 | r3-s2 | All | All |
| Operating System | Juniper | Junos | 18.4 | r3-s3 | All | All |
| Operating System | Juniper | Junos | 18.4 | r3-s4 | All | All |
| Operating System | Juniper | Junos | 18.4 | r3-s5 | All | All |
| Operating System | Juniper | Junos | 18.4 | r3-s6 | All | All |
| Operating System | Juniper | Junos | 18.4 | r3-s7 | All | All |
| Operating System | Juniper | Junos | 18.4 | r3-s8 | All | All |
| Operating System | Juniper | Junos | 19.1 | - | All | All |
| Operating System | Juniper | Junos | 19.1 | r1 | All | All |
| Operating System | Juniper | Junos | 19.1 | r1-s1 | All | All |
| Operating System | Juniper | Junos | 19.1 | r1-s2 | All | All |
| Operating System | Juniper | Junos | 19.1 | r1-s3 | All | All |
| Operating System | Juniper | Junos | 19.1 | r1-s4 | All | All |
| Operating System | Juniper | Junos | 19.1 | r1-s5 | All | All |
| Operating System | Juniper | Junos | 19.1 | r1-s6 | All | All |
| Operating System | Juniper | Junos | 19.1 | r2 | All | All |
| Operating System | Juniper | Junos | 19.1 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 19.1 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 19.1 | r3 | All | All |
| Operating System | Juniper | Junos | 19.1 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 19.1 | r3-s2 | All | All |
| Operating System | Juniper | Junos | 19.1 | r3-s3 | All | All |
| Operating System | Juniper | Junos | 19.1 | r3-s4 | All | All |
| Operating System | Juniper | Junos | 19.1 | r3-s5 | All | All |
| Operating System | Juniper | Junos | 19.1 | r3-s6 | All | All |
| Operating System | Juniper | Junos | 19.2 | - | All | All |
| Operating System | Juniper | Junos | 19.2 | r1 | All | All |
| Operating System | Juniper | Junos | 19.2 | r1-s1 | All | All |
| Operating System | Juniper | Junos | 19.2 | r1-s2 | All | All |
| Operating System | Juniper | Junos | 19.2 | r1-s3 | All | All |
| Operating System | Juniper | Junos | 19.2 | r1-s4 | All | All |
| Operating System | Juniper | Junos | 19.2 | r1-s5 | All | All |

| | | | | | | |
|------------------|---------|-------|------|-------|-----|-----|
| Operating System | Juniper | Junos | 19.2 | r1-s6 | All | All |
| Operating System | Juniper | Junos | 19.2 | r2 | All | All |
| Operating System | Juniper | Junos | 19.2 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 19.2 | r3 | All | All |
| Operating System | Juniper | Junos | 19.2 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 19.2 | r3-s2 | All | All |
| Operating System | Juniper | Junos | 19.3 | - | All | All |
| Operating System | Juniper | Junos | 19.3 | r1 | All | All |
| Operating System | Juniper | Junos | 19.3 | r1-s1 | All | All |
| Operating System | Juniper | Junos | 19.3 | r2 | All | All |
| Operating System | Juniper | Junos | 19.3 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 19.3 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 19.3 | r2-s3 | All | All |
| Operating System | Juniper | Junos | 19.3 | r2-s4 | All | All |
| Operating System | Juniper | Junos | 19.3 | r2-s5 | All | All |
| Operating System | Juniper | Junos | 19.3 | r3 | All | All |
| Operating System | Juniper | Junos | 19.3 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 19.3 | r3-s2 | All | All |
| Operating System | Juniper | Junos | 19.4 | r1 | All | All |
| Operating System | Juniper | Junos | 19.4 | r1-s1 | All | All |
| Operating System | Juniper | Junos | 19.4 | r1-s2 | All | All |
| Operating System | Juniper | Junos | 19.4 | r1-s3 | All | All |
| Operating System | Juniper | Junos | 19.4 | r3 | All | All |
| Operating System | Juniper | Junos | 19.4 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 19.4 | r3-s2 | All | All |
| Operating System | Juniper | Junos | 19.4 | r3-s3 | All | All |
| Operating System | Juniper | Junos | 19.4 | r3-s4 | All | All |
| Operating System | Juniper | Junos | 19.4 | r3-s5 | All | All |
| Operating System | Juniper | Junos | 20.1 | r1 | All | All |
| Operating System | Juniper | Junos | 20.1 | r1-s1 | All | All |
| Operating System | Juniper | Junos | 20.1 | r1-s2 | All | All |
| Operating System | Juniper | Junos | 20.1 | r1-s3 | All | All |
| Operating System | Juniper | Junos | 20.1 | r1-s4 | All | All |
| Operating System | Juniper | Junos | 20.1 | r2 | All | All |
| Operating System | Juniper | Junos | 20.1 | r2-s1 | All | All |

| | | | | | | |
|------------------|-------------------------|-------------------------------|------|-------|-----|-----|
| Operating System | Juniper | Junos | 20.2 | r1 | All | All |
| Operating System | Juniper | Junos | 20.2 | r1-s1 | All | All |
| Operating System | Juniper | Junos | 20.2 | r1-s2 | All | All |
| Operating System | Juniper | Junos | 20.2 | r1-s3 | All | All |
| Operating System | Juniper | Junos | 20.2 | r2 | All | All |
| Operating System | Juniper | Junos | 20.2 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 20.2 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 20.2 | r2-s3 | All | All |
| Operating System | Juniper | Junos | 20.2 | r3 | All | All |
| Operating System | Juniper | Junos | 20.3 | r1 | All | All |
| Operating System | Juniper | Junos | 20.3 | r1-s1 | All | All |
| Operating System | Juniper | Junos | 20.3 | r2 | All | All |
| Operating System | Juniper | Junos | 20.3 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 20.4 | r1 | All | All |
| Operating System | Juniper | Junos | 20.4 | r1-s1 | All | All |
| Operating System | Juniper | Junos | 20.4 | r2 | All | All |
| Operating System | Juniper | Junos | 20.4 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 21.1 | r1 | All | All |
| Operating System | Juniper | Junos | 21.1 | r1-s1 | All | All |
| Hardware | Juniper | Ptx1000 | - | All | All | All |
| Hardware | Juniper | Ptx10001-36mr | - | All | All | All |
| Hardware | Juniper | Ptx10002 | - | All | All | All |
| Hardware | Juniper | Ptx10003 | - | All | All | All |
| Hardware | Juniper | Ptx10004 | - | All | All | All |
| Hardware | Juniper | Ptx10008 | - | All | All | All |
| Hardware | Juniper | Ptx10016 | - | All | All | All |
| Hardware | Juniper | Ptx3000 | - | All | All | All |
| Hardware | Juniper | Ptx5000 | - | All | All | All |

References

Reference

2021-10 Security Bulletin: Junos OS: PTX Series: An FPC heap memory leak will be triggered by certain Flowspec route operations which can

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

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

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