



CVE-2021-0242

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

Summary

| | |
|------------------------|--|
| CVE | CVE-2021-0242 |
| State | PUBLIC |
| Assigner | sirt@juniper.net |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2021-04-22 20:15:00 UTC |
| Updated | 2022-08-05 17:16:00 UTC |
| Description | A vulnerability due to the improper handling of direct memory access (DMA) buffers on EX4300 switches on Juniper Network |

Risk And Classification

Problem Types: CWE-770

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|-------------------------|------------------------|---------|--------|---------|----------|
| Hardware | Juniper | Ex4300 | - | All | All | All |
| Operating System | Juniper | Junos | 17.3 | - | All | All |
| Operating System | Juniper | Junos | 17.3 | r1 | All | All |
| Operating System | Juniper | Junos | 17.3 | r1-s1 | All | All |
| Operating System | Juniper | Junos | 17.3 | r1-s4 | All | All |
| Operating System | Juniper | Junos | 17.3 | r2 | All | All |
| Operating System | Juniper | Junos | 17.3 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 17.3 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 17.3 | r2-s3 | All | All |
| Operating System | Juniper | Junos | 17.3 | r2-s4 | All | All |
| Operating System | Juniper | Junos | 17.3 | r2-s5 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3 | - | All |
| Operating System | Juniper | Junos | 17.3 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3-s10 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3-s2 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3-s3 | All | All |

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|------------------|-------------------------|-----------------------|------|--------|-----|-----|
| Operating System | Juniper | Junos | 17.3 | r3-s4 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3-s5 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3-s6 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3-s7 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3-s8 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3-s9 | All | All |
| Operating System | Juniper | Junos | 17.4 | - | All | All |
| Operating System | Juniper | Junos | 17.4 | r1 | All | All |
| Operating System | Juniper | Junos | 17.4 | r1-s1 | All | All |
| Operating System | Juniper | Junos | 17.4 | r1-s2 | All | All |
| Operating System | Juniper | Junos | 17.4 | r1-s3 | All | All |
| Operating System | Juniper | Junos | 17.4 | r1-s4 | All | All |
| Operating System | Juniper | Junos | 17.4 | r1-s5 | All | All |
| Operating System | Juniper | Junos | 17.4 | r1-s6 | All | All |
| Operating System | Juniper | Junos | 17.4 | r1-s7 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s10 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s11 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s12 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s3 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s4 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s5 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s6 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s7 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s8 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s9 | All | All |
| Operating System | Juniper | Junos | 17.4 | r3 | All | All |
| Operating System | Juniper | Junos | 17.4 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 17.4 | r3-s2 | All | All |
| Operating System | Juniper | Junos | 17.4 | r3-s3 | All | All |
| Operating System | Juniper | Junos | 18.1 | - | All | All |
| Operating System | Juniper | Junos | 18.1 | r1 | All | All |
| Operating System | Juniper | Junos | 18.1 | r2 | All | All |

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|------------------|---------|-------|------|--------|-----|-----|
| Operating System | Juniper | Junos | 18.1 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 18.1 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 18.1 | r2-s4 | All | All |
| Operating System | Juniper | Junos | 18.1 | r3 | All | All |
| Operating System | Juniper | Junos | 18.1 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 18.1 | r3-s10 | All | All |
| Operating System | Juniper | Junos | 18.1 | r3-s11 | All | All |
| Operating System | Juniper | Junos | 18.1 | r3-s2 | All | All |
| Operating System | Juniper | Junos | 18.1 | r3-s3 | All | All |
| Operating System | Juniper | Junos | 18.1 | r3-s4 | All | All |
| Operating System | Juniper | Junos | 18.1 | r3-s5 | All | All |
| Operating System | Juniper | Junos | 18.1 | r3-s6 | All | All |
| Operating System | Juniper | Junos | 18.1 | r3-s7 | All | All |
| Operating System | Juniper | Junos | 18.1 | r3-s8 | All | All |
| Operating System | Juniper | Junos | 18.1 | r3-s9 | All | All |
| Operating System | Juniper | Junos | 18.2 | - | All | All |
| Operating System | Juniper | Junos | 18.2 | r1 | All | All |
| Operating System | Juniper | Junos | 18.2 | r1 | - | All |
| Operating System | Juniper | Junos | 18.2 | r1-s2 | All | All |
| Operating System | Juniper | Junos | 18.2 | r1-s3 | All | All |
| Operating System | Juniper | Junos | 18.2 | r1-s4 | All | All |
| Operating System | Juniper | Junos | 18.2 | r1-s5 | All | All |
| Operating System | Juniper | Junos | 18.2 | r2 | All | All |
| Operating System | Juniper | Junos | 18.2 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 18.2 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 18.2 | r2-s3 | All | All |
| Operating System | Juniper | Junos | 18.2 | r2-s4 | All | All |
| Operating System | Juniper | Junos | 18.2 | r2-s5 | All | All |
| Operating System | Juniper | Junos | 18.2 | r2-s6 | All | All |
| Operating System | Juniper | Junos | 18.2 | r2-s7 | All | All |
| Operating System | Juniper | Junos | 18.2 | r3 | All | All |
| Operating System | Juniper | Junos | 18.2 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 18.2 | r3-s2 | All | All |
| Operating System | Juniper | Junos | 18.2 | r3-s3 | All | All |
| Operating System | Juniper | Junos | 18.2 | r3-s4 | All | All |

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|------------------|-------------------------|-----------------------|------|-------|-----|-----|
| Operating System | Juniper | Junos | 18.2 | r3-s5 | All | All |
| Operating System | Juniper | Junos | 18.2 | r3-s6 | All | All |
| Operating System | Juniper | Junos | 18.3 | - | All | All |
| Operating System | Juniper | Junos | 18.3 | r1 | All | All |
| Operating System | Juniper | Junos | 18.3 | r1-s1 | All | All |
| Operating System | Juniper | Junos | 18.3 | r1-s2 | All | All |
| Operating System | Juniper | Junos | 18.3 | r1-s3 | All | All |
| Operating System | Juniper | Junos | 18.3 | r1-s4 | All | All |
| Operating System | Juniper | Junos | 18.3 | r1-s5 | All | All |
| Operating System | Juniper | Junos | 18.3 | r1-s6 | All | All |
| Operating System | Juniper | Junos | 18.3 | r2 | All | All |
| Operating System | Juniper | Junos | 18.3 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 18.3 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 18.3 | r2-s3 | All | All |
| Operating System | Juniper | Junos | 18.3 | r2-s4 | All | All |
| Operating System | Juniper | Junos | 18.3 | r3 | All | All |
| Operating System | Juniper | Junos | 18.3 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 18.3 | r3-s2 | All | All |
| Operating System | Juniper | Junos | 18.3 | r3-s3 | All | All |
| 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 | 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 | 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 | r2 | All | All |
| Operating System | Juniper | Junos | 19.1 | r2-s1 | 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 | 19.2 | - | 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 | 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 | 19.3 | - | 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 | 19.4 | 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 | r2 | All | All |
| Operating System | Juniper | Junos | 19.4 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 19.4 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 19.4 | r3 | 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 | 20.2 | 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 | 20.3 | r1 | All | All |

References

Reference

2021-04 Security Bulletin: Junos OS: EX4300: FPC crash upon receipt of specific frames on an interface without L2PT or dot1x configured (C)

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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