



CVE-2022-22172

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2022-22172 |
| State | PUBLIC |
| Assigner | sirt@juniper.net |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2022-01-19 01:15:00 UTC |
| Updated | 2022-02-01 20:10:00 UTC |
| Description | A Missing Release of Memory after Effective Lifetime vulnerability in the Layer-2 control protocols daemon (l2cpd) of Juniper |

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 | 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 | r2-s9 | 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 | r1-s7 | 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 | 19.2 | r3-s3 | 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 | r2-s6 | All | All |
| Operating System | Juniper | Junos | 19.3 | r3-s4 | All | All |
| Operating System | Juniper | Junos | 19.4 | - | 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 | r1-s4 | 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 | r2-s3 | All | All |
| Operating System | Juniper | Junos | 19.4 | r2-s4 | All | All |
| Operating System | Juniper | Junos | 19.4 | r2-s5 | 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 | 19.4 | r3-s6 | All | All |
| Operating System | Juniper | Junos | 20.1 | - | 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 | 20.1 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 20.1 | r3 | All | All |
| Operating System | Juniper | Junos | 20.1 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 20.1 | r3-s2 | All | All |
| Operating System | Juniper | Junos | 20.2 | - | 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 | 20.2 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 20.3 | - | 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 | 20.3 | r3 | All | All |
| Operating System | Juniper | Junos | 20.4 | - | 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 | 20.4 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 21.1 | - | All | All |
| Operating System | Juniper | Junos | 21.1 | r1 | All | All |
| Operating System | Juniper | Junos | 21.1 | r1-s1 | All | All |

| | | | | | | |
|------------------|-------------------------|----------------------------------|------|-------|-----|-----|
| Operating System | Juniper | Junos | 21.1 | r2 | All | All |
| Operating System | Juniper | Junos | 21.1 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 21.2 | - | All | All |
| Operating System | Juniper | Junos | 21.2 | r1 | All | All |
| Operating System | Juniper | Junos | 21.2 | r1-s1 | All | All |
| Operating System | Juniper | Junos | 21.2 | r1-s2 | All | All |
| Operating System | Juniper | Junos Os Evolved | 20.4 | r1 | All | All |
| Operating System | Juniper | Junos Os Evolved | 20.4 | r1-s1 | All | All |
| Operating System | Juniper | Junos Os Evolved | 20.4 | r1-s2 | All | All |
| Operating System | Juniper | Junos Os Evolved | 20.4 | r2 | All | All |
| Operating System | Juniper | Junos Os Evolved | 20.4 | r2-s1 | All | All |
| Operating System | Juniper | Junos Os Evolved | 20.4 | r2-s2 | All | All |
| Operating System | Juniper | Junos Os Evolved | 20.4 | r2-s3 | All | All |
| Operating System | Juniper | Junos Os Evolved | 20.4 | r3 | All | All |
| Operating System | Juniper | Junos Os Evolved | 20.4 | r3-s1 | All | All |
| Operating System | Juniper | Junos Os Evolved | 21.1 | - | All | All |
| Operating System | Juniper | Junos Os Evolved | 21.1 | r1 | All | All |
| Operating System | Juniper | Junos Os Evolved | 21.1 | r1-s1 | All | All |
| Operating System | Juniper | Junos Os Evolved | 21.1 | r2 | All | All |
| Operating System | Juniper | Junos Os Evolved | 21.2 | r1 | All | All |
| Operating System | Juniper | Junos Os Evolved | 21.2 | r1-s1 | All | All |
| Operating System | Juniper | Junos Os Evolved | 21.2 | r2 | All | All |

References

Reference

2022-01 Security Bulletin: Junos OS and Junos OS Evolved: An l2cpd memory leak can occur when specific LLDP packets are received leading to a denial of service.

[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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