



# CVE-2022-22177

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

## Summary

<b>CVE</b>	CVE-2022-22177
<b>State</b>	PUBLIC
<b>Assigner</b>	sirt@juniper.net
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-01-19 01:15:00 UTC
<b>Updated</b>	2022-01-26 19:16:00 UTC
<b>Description</b>	A release of illegal memory vulnerability in the snmpd daemon of Juniper Networks Junos OS, Junos OS Evolved allows an

## Risk And Classification

**Problem Types:** CWE-755

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	-	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r10	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r10-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r10-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r11	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r12	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r12-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r12-s10	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r12-s11	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r12-s12	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r12-s13	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r12-s14	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r12-s15	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r12-s16	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r12-s17	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r12-s18	All	All

Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r12-s19	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	-	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	a1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f	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	f2-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f2-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f2-s3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f2-s4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f4	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	f5-s7	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	f6-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f6-s10	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f6-s12	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f6-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f6-s3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f6-s4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f6-s5	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f6-s6	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f6-s7	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f6-s8	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f6-s9	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	r	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r3	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	r4-s7	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r4-s8	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r4-s9	All	All

Operating System	Juniper	Junos	15.1	r5	All	All
Operating System	Juniper	Junos	15.1	r5-s1	All	All
Operating System	Juniper	Junos	15.1	r5-s3	All	All
Operating System	Juniper	Junos	15.1	r5-s5	All	All
Operating System	Juniper	Junos	15.1	r5-s6	All	All
Operating System	Juniper	Junos	15.1	r6	All	All
Operating System	Juniper	Junos	15.1	r6-s1	All	All
Operating System	Juniper	Junos	15.1	r6-s2	All	All
Operating System	Juniper	Junos	15.1	r6-s3	All	All
Operating System	Juniper	Junos	15.1	r6-s4	All	All
Operating System	Juniper	Junos	15.1	r6-s6	All	All
Operating System	Juniper	Junos	15.1	r7	All	All
Operating System	Juniper	Junos	15.1	r7-s1	All	All
Operating System	Juniper	Junos	15.1	r7-s10	All	All
Operating System	Juniper	Junos	15.1	r7-s2	All	All
Operating System	Juniper	Junos	15.1	r7-s3	All	All
Operating System	Juniper	Junos	15.1	r7-s4	All	All
Operating System	Juniper	Junos	15.1	r7-s5	All	All
Operating System	Juniper	Junos	15.1	r7-s6	All	All
Operating System	Juniper	Junos	15.1	r7-s7	All	All
Operating System	Juniper	Junos	15.1	r7-s8	All	All
Operating System	Juniper	Junos	15.1	r7-s9	All	All
Operating System	Juniper	Junos	18.3	-	All	All
Operating System	Juniper	Junos	18.3	r	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	18.3	r3-s4	All	All
Operating System	Juniper	Junos	18.3	r3-s5	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	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	18.4	r3-s9	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	r1-s7	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	19.2	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	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	19.3	r3-s3	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	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	-	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	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.1	r2-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.1	r2-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.1	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.1	r3-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.2	-	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.2	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.2	r1-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.2	r1-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.2	r1-s3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.2	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.2	r2-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.2	r2-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.2	r2-s3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.2	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.2	r3-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.2	r3-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.3	-	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.3	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.3	r1-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.3	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.3	r2-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.3	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.4	-	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.4	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.4	r1-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.4	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.4	r2-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.4	r2-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.1	-	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.1	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.1	r1-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.1	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.1	r2-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.2	-	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.2	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos Os Evolved</a>	21.2	-	All	All

Operating System	<a href="#">Juniper</a>	<a href="#">Junos Os Evolved</a>	21.2	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos Os Evolved</a>	21.2	r1-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos Os Evolved</a>	21.2	r1-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos Os Evolved</a>	21.2	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos Os Evolved</a>	21.2	r2-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos Os Evolved</a>	21.3	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos Os Evolved</a>	21.3	r1-s1	All	All

## References

### Reference

2022-01 Security Bulletin: Junos OS and Junos OS Evolved: After receiving a specific number of crafted packets snmpd will segmentation fau

[client-list | Junos OS | Juniper Networks](#)

[CVE Program record](#)

[NVD vulnerability detail](#)

## Vendor Comments And Credit

### Discovery Credit

**LEGACY:** Nanyu Zhong and Yu Zhang of VARAS at the Institute of Information Engineering

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

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