



CVE-2021-31386

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

Summary

CVE	CVE-2021-31386
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 17:17:00 UTC
Description	A Protection Mechanism Failure vulnerability in the J-Web HTTP service of Juniper Networks Junos OS allows a remote un

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Juniper	Junos	12.3	-	All	All
Operating System	Juniper	Junos	12.3	r1	All	All
Operating System	Juniper	Junos	12.3	r10	All	All
Operating System	Juniper	Junos	12.3	r10-s1	All	All
Operating System	Juniper	Junos	12.3	r10-s2	All	All
Operating System	Juniper	Junos	12.3	r11	All	All
Operating System	Juniper	Junos	12.3	r12	All	All
Operating System	Juniper	Junos	12.3	r12-s1	All	All
Operating System	Juniper	Junos	12.3	r12-s10	All	All
Operating System	Juniper	Junos	12.3	r12-s11	All	All
Operating System	Juniper	Junos	12.3	r12-s12	All	All
Operating System	Juniper	Junos	12.3	r12-s13	All	All
Operating System	Juniper	Junos	12.3	r12-s14	All	All
Operating System	Juniper	Junos	12.3	r12-s15	All	All
Operating System	Juniper	Junos	12.3	r12-s16	All	All
Operating System	Juniper	Junos	12.3	r12-s17	All	All
Operating System	Juniper	Junos	12.3	r12-s18	All	All

Operating System	Juniper	Junos	12.3	r12-s19	All	All
Operating System	Juniper	Junos	12.3	r12-s3	All	All
Operating System	Juniper	Junos	12.3	r12-s4	All	All
Operating System	Juniper	Junos	12.3	r12-s6	All	All
Operating System	Juniper	Junos	12.3	r12-s8	All	All
Operating System	Juniper	Junos	12.3	r2	All	All
Operating System	Juniper	Junos	12.3	r3	All	All
Operating System	Juniper	Junos	12.3	r4	All	All
Operating System	Juniper	Junos	12.3	r5	All	All
Operating System	Juniper	Junos	12.3	r6	All	All
Operating System	Juniper	Junos	12.3	r7	All	All
Operating System	Juniper	Junos	12.3	r8	All	All
Operating System	Juniper	Junos	12.3	r9	All	All
Operating System	Juniper	Junos	15.1	-	All	All
Operating System	Juniper	Junos	15.1	a1	All	All
Operating System	Juniper	Junos	15.1	f	All	All
Operating System	Juniper	Junos	15.1	f1	All	All
Operating System	Juniper	Junos	15.1	f2	All	All
Operating System	Juniper	Junos	15.1	f2-s1	All	All
Operating System	Juniper	Junos	15.1	f2-s2	All	All
Operating System	Juniper	Junos	15.1	f2-s3	All	All
Operating System	Juniper	Junos	15.1	f2-s4	All	All
Operating System	Juniper	Junos	15.1	f3	All	All
Operating System	Juniper	Junos	15.1	f4	All	All
Operating System	Juniper	Junos	15.1	f5	All	All
Operating System	Juniper	Junos	15.1	f5-s7	All	All
Operating System	Juniper	Junos	15.1	f6	All	All
Operating System	Juniper	Junos	15.1	f6-s1	All	All
Operating System	Juniper	Junos	15.1	f6-s10	All	All
Operating System	Juniper	Junos	15.1	f6-s12	All	All
Operating System	Juniper	Junos	15.1	f6-s2	All	All
Operating System	Juniper	Junos	15.1	f6-s3	All	All
Operating System	Juniper	Junos	15.1	f6-s4	All	All
Operating System	Juniper	Junos	15.1	f6-s5	All	All
Operating System	Juniper	Junos	15.1	f6-s6	All	All

Operating System	Juniper	Junos	15.1	f6-s7	All	All
Operating System	Juniper	Junos	15.1	f6-s8	All	All
Operating System	Juniper	Junos	15.1	f6-s9	All	All
Operating System	Juniper	Junos	15.1	f7	All	All
Operating System	Juniper	Junos	15.1	r	All	All
Operating System	Juniper	Junos	15.1	r1	All	All
Operating System	Juniper	Junos	15.1	r2	All	All
Operating System	Juniper	Junos	15.1	r3	All	All
Operating System	Juniper	Junos	15.1	r4	All	All
Operating System	Juniper	Junos	15.1	r4-s7	All	All
Operating System	Juniper	Junos	15.1	r4-s8	All	All
Operating System	Juniper	Junos	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	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	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	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	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	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	19.4	r4	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	r3	All	All
Operating System	Juniper	Junos	20.1	r3-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	20.2	r3-s1	All	All
Operating System	Juniper	Junos	20.2	r3-s2	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	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
Operating System	Juniper	Junos	21.1	r2	All	All
Operating System	Juniper	Junos	21.2	r1	All	All
Operating System	Juniper	Junos	21.2	r1-s1	All	All

Reference

2021-10 Security Bulletin: Junos OS: When using J-Web with HTTP an attacker may retrieve encryption keys via Person-in-the-Middle attacks

CVE Program record

NVD vulnerability detail

Vendor Comments And Credit

Discovery Credit

LEGACY: Andy Coles of Microsoft MSRC Vulnerabilities and Mitigations Team

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

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