



# CVE-2021-0280

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## Summary

<b>CVE</b>	CVE-2021-0280
<b>State</b>	PUBLIC
<b>Assigner</b>	sirt@juniper.net
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-07-15 20:15:00 UTC
<b>Updated</b>	2021-07-28 15:20:00 UTC
<b>Description</b>	Due to an Improper Initialization vulnerability in Juniper Networks Junos OS on PTX platforms and QFX10K Series with Par

## Risk And Classification

**Problem Types:** CWE-665

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	17.4	r3-s4	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
Operating System	Juniper	Junos	18.2	r3-s5	All	All
Operating System	Juniper	Junos	18.2	r3-s6	All	All
Operating System	Juniper	Junos	18.2	r3-s7	All	All
Operating System	Juniper	Junos	18.3	-	All	All
Operating System	Juniper	Junos	18.3	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	19.2	-	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	19.3	-	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	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.3	r3-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.4	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.4	r1-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.4	r1-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.4	r1-s3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.4	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.4	r2-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.4	r2-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.4	r2-s3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.4	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.4	r3-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.1	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.1	r1-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.1	r1-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.1	r1-s3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.1	r1-s4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.1	r2	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>	20.2	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>	20.3	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>	20.4	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.4	r1-s1	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Ptx1000</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Ptx1000-72q</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Ptx10000</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Ptx10001</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Ptx10001-36mr</a>	-	All	All	All

Hardware	Juniper	Ptx100016	-	All	All	All
Hardware	Juniper	Ptx10002	-	All	All	All
Hardware	Juniper	Ptx10002-60c	-	All	All	All
Hardware	Juniper	Ptx10003	-	All	All	All
Hardware	Juniper	Ptx10003 160c	-	All	All	All
Hardware	Juniper	Ptx10003 80c	-	All	All	All
Hardware	Juniper	Ptx10003 81cd	-	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
Hardware	Juniper	Qfx10000	-	All	All	All
Hardware	Juniper	Qfx10002	-	All	All	All
Hardware	Juniper	Qfx10002-32q	-	All	All	All
Hardware	Juniper	Qfx10002-60c	-	All	All	All
Hardware	Juniper	Qfx10002-72q	-	All	All	All
Hardware	Juniper	Qfx10008	-	All	All	All
Hardware	Juniper	Qfx10016	-	All	All	All

## References

### Reference

2021-07 Security Bulletin: Junos OS: PTX Series and QFX10K Series: Upon receipt of specific packets BFD sessions might flap due to DDoS

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

43839 Juniper Junos Multiple Vulnerability (JSA11181,JSA11177,JSA11182,JSA11184,JSA11186)

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