



# CVE-2023-28976

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

## Summary

<b>CVE</b>	CVE-2023-28976
<b>State</b>	PUBLIC
<b>Assigner</b>	sirt@juniper.net
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-04-17 22:15:00 UTC
<b>Updated</b>	2023-05-02 19:45:00 UTC
<b>Description</b>	An Improper Check for Unusual or Exceptional Conditions vulnerability in the packet forwarding engine (pfe) of Juniper Net

## Risk And Classification

**Problem Types: CWE-754**

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Juniper	Junos	All	All	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	r2-s3	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	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.1	r3-s4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.1	r3-s5	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.1	r3-s6	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.1	r3-s7	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.1	r3-s8	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.1	r3-s9	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	-	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r1-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r1-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r1-s3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r1-s4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r1-s5	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r1-s6	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r1-s7	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r1-s8	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r1-s9	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r2-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r3-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r3-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r3-s3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r3-s4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r3-s5	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.2	r3-s6	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.3	-	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.3	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.3	r1-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.3	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.3	r2-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.3	r2-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.3	r2-s3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.3	r2-s4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	19.3	r2-s5	All	All

Operating System	Juniper	Junos	19.3	r2-s6	All	All
Operating System	Juniper	Junos	19.3	r2-s7	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	19.3	r3-s4	All	All
Operating System	Juniper	Junos	19.3	r3-s5	All	All
Operating System	Juniper	Junos	19.3	r3-s6	All	All
Operating System	Juniper	Junos	19.3	r3-s7	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	r2-s6	All	All
Operating System	Juniper	Junos	19.4	r2-s7	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-s10	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	19.4	r3-s7	All	All
Operating System	Juniper	Junos	19.4	r3-s8	All	All
Operating System	Juniper	Junos	19.4	r3-s9	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
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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>	20.4	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.4	r3-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.4	r3-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.4	r3-s3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	20.4	r3-s4	All	All
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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>	21.1	r2-s2	All	All
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Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.1	r3-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.1	r3-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.1	r3-s3	All	All

Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.1	r3-s4	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</a>	21.2	r1-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.2	r1-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.2	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.2	r2-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.2	r2-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.2	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.2	r3-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.2	r3-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.2	r3-s3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.3	-	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.3	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.3	r1-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.3	r1-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.3	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.3	r2-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.3	r2-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.4	-	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.4	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.4	r1-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.4	r1-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.4	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.4	r2-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	21.4	r2-s2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	22.1	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	22.1	r1-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	22.1	r1-s2	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx10</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx10000</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx10003</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx10008</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx10016</a>	-	All	All	All

Hardware	<a href="#">Juniper</a>	<a href="#">Mx104</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx150</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx2008</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx2010</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx2020</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx204</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx240</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx40</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx480</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx5</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx80</a>	-	All	All	All
Hardware	<a href="#">Juniper</a>	<a href="#">Mx960</a>	-	All	All	All

## References

Reference	Source	Link	Tags
CEC Juniper Community	CONFIRM	<a href="https://supportportal.juniper.net">supportportal.juniper.net</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

44011 Juniper Network Operating System (Junos OS) Denial of Service (DoS) Vulnerability (JSA70601)

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