



CVE-2019-0048

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

| | |
|------------------------|--|
| CVE | CVE-2019-0048 |
| State | PUBLIC |
| Assigner | sirt@juniper.net |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2019-07-11 20:15:00 UTC |
| Updated | 2020-09-29 00:28:00 UTC |
| Description | On EX4300 Series switches with TCAM optimization enabled, incoming multicast traffic matches an implicit loopback filter r |

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|----------|---------|---------------|---------|--------|---------|----------|
| Hardware | Juniper | Ex4300-24p | - | All | All | All |
| Hardware | Juniper | Ex4300-24p | - | All | All | All |
| Hardware | Juniper | Ex4300-24p-s | - | All | All | All |
| Hardware | Juniper | Ex4300-24p-s | - | All | All | All |
| Hardware | Juniper | Ex4300-24t | - | All | All | All |
| Hardware | Juniper | Ex4300-24t | - | All | All | All |
| Hardware | Juniper | Ex4300-24t-s | - | All | All | All |
| Hardware | Juniper | Ex4300-24t-s | - | All | All | All |
| Hardware | Juniper | Ex4300-32f | - | All | All | All |
| Hardware | Juniper | Ex4300-32f | - | All | All | All |
| Hardware | Juniper | Ex4300-32f-dc | - | All | All | All |
| Hardware | Juniper | Ex4300-32f-dc | - | All | All | All |
| Hardware | Juniper | Ex4300-32f-s | - | All | All | All |
| Hardware | Juniper | Ex4300-32f-s | - | All | All | All |
| Hardware | Juniper | Ex4300-48mp | - | All | All | All |
| Hardware | Juniper | Ex4300-48mp | - | All | All | All |
| Hardware | Juniper | Ex4300-48mp-s | - | All | All | All |

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|------------------|---------|-------------------|---------|-----|-----|-----|
| Hardware | Juniper | Ex4300-48mp-s | - | All | All | All |
| Hardware | Juniper | Ex4300-48p | - | All | All | All |
| Hardware | Juniper | Ex4300-48p | - | All | All | All |
| Hardware | Juniper | Ex4300-48p-s | - | All | All | All |
| Hardware | Juniper | Ex4300-48p-s | - | All | All | All |
| Hardware | Juniper | Ex4300-48t | - | All | All | All |
| Hardware | Juniper | Ex4300-48t | - | All | All | All |
| Hardware | Juniper | Ex4300-48t-afi | - | All | All | All |
| Hardware | Juniper | Ex4300-48t-afi | - | All | All | All |
| Hardware | Juniper | Ex4300-48t-dc | - | All | All | All |
| Hardware | Juniper | Ex4300-48t-dc | - | All | All | All |
| Hardware | Juniper | Ex4300-48t-dc-afi | - | All | All | All |
| Hardware | Juniper | Ex4300-48t-dc-afi | - | All | All | All |
| Hardware | Juniper | Ex4300-48t-s | - | All | All | All |
| Hardware | Juniper | Ex4300-48t-s | - | All | All | All |
| Hardware | Juniper | Ex4300-48tafi | - | All | All | All |
| Hardware | Juniper | Ex4300-48tafi | - | All | All | All |
| Hardware | Juniper | Ex4300-48tdc | - | All | All | All |
| Hardware | Juniper | Ex4300-48tdc | - | All | All | All |
| Hardware | Juniper | Ex4300-48tdc-afi | - | All | All | All |
| Hardware | Juniper | Ex4300-48tdc-afi | - | All | All | All |
| Operating System | Juniper | Junos | 14.1x53 | - | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d10 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d15 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d16 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d25 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d26 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d27 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d30 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d35 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d40 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d45 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d48 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d49 | All | All |
| Operating System | Juniper | Junos | 17.1 | - | All | All |

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|------------------|---------|-------|------|--------|-----|-----|
| Operating System | Juniper | Junos | 17.1 | r1 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s10 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s3 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s4 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s5 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s6 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s7 | All | All |
| Operating System | Juniper | Junos | 17.2 | - | All | All |
| Operating System | Juniper | Junos | 17.2 | r1 | All | All |
| Operating System | Juniper | Junos | 17.2 | r1-s2 | All | All |
| Operating System | Juniper | Junos | 17.2 | r1-s4 | All | All |
| Operating System | Juniper | Junos | 17.2 | r1-s7 | All | All |
| Operating System | Juniper | Junos | 17.2 | r2 | All | All |
| Operating System | Juniper | Junos | 17.2 | r2-s6 | All | All |
| Operating System | Juniper | Junos | 17.2 | r2-s7 | All | All |
| Operating System | Juniper | Junos | 17.2 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 17.3 | - | All | All |
| Operating System | Juniper | Junos | 17.3 | r1 | All | All |
| Operating System | Juniper | Junos | 17.3 | r2 | All | All |
| Operating System | Juniper | Junos | 17.3 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 17.3 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3-s2 | All | All |
| 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-s4 | 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-s2 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s3 | All | All |
| Operating System | Juniper | Junos | 17.4 | r2-s4 | All | All |

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|------------------|-------------------------|-----------------------|---------|--------|-----|-----|
| Operating System | Juniper | Junos | 18.1 | - | All | All |
| Operating System | Juniper | Junos | 18.1 | r1 | All | All |
| Operating System | Juniper | Junos | 18.1 | r2 | All | All |
| Operating System | Juniper | Junos | 18.1 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 18.1 | r2-s2 | 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-s3 | All | All |
| Operating System | Juniper | Junos | 18.2 | r1-s4 | 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 | 18.3 | - | 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 | 14.1x53 | - | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d10 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d15 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d16 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d25 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d26 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d27 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d30 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d35 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d40 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d45 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d48 | All | All |
| Operating System | Juniper | Junos | 14.1x53 | d49 | All | All |
| Operating System | Juniper | Junos | 17.1 | - | All | All |
| Operating System | Juniper | Junos | 17.1 | r1 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s10 | All | All |

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|------------------|-------------------------|-----------------------|------|-------|-----|-----|
| Operating System | Juniper | Junos | 17.1 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s3 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s4 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s5 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s6 | All | All |
| Operating System | Juniper | Junos | 17.1 | r2-s7 | All | All |
| Operating System | Juniper | Junos | 17.2 | - | All | All |
| Operating System | Juniper | Junos | 17.2 | r1 | All | All |
| Operating System | Juniper | Junos | 17.2 | r1-s2 | All | All |
| Operating System | Juniper | Junos | 17.2 | r1-s4 | All | All |
| Operating System | Juniper | Junos | 17.2 | r1-s7 | All | All |
| Operating System | Juniper | Junos | 17.2 | r2 | All | All |
| Operating System | Juniper | Junos | 17.2 | r2-s6 | All | All |
| Operating System | Juniper | Junos | 17.2 | r2-s7 | All | All |
| Operating System | Juniper | Junos | 17.2 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 17.3 | - | All | All |
| Operating System | Juniper | Junos | 17.3 | r1 | All | All |
| Operating System | Juniper | Junos | 17.3 | r2 | All | All |
| Operating System | Juniper | Junos | 17.3 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 17.3 | r2-s2 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3-s1 | All | All |
| Operating System | Juniper | Junos | 17.3 | r3-s2 | All | All |
| 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-s4 | 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-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 | 18.1 | - | All | All |
| Operating System | Juniper | Junos | 18.1 | r1 | All | All |
| Operating System | Juniper | Junos | 18.1 | r2 | All | All |

| | | | | | | |
|------------------|-------------------------|-----------------------|------|-------|-----|-----|
| Operating System | Juniper | Junos | 18.1 | r2-s1 | All | All |
| Operating System | Juniper | Junos | 18.1 | r2-s2 | 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-s3 | All | All |
| Operating System | Juniper | Junos | 18.2 | r1-s4 | 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 | 18.3 | - | 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 |

References

Reference

2019-07 Security Bulletin: EX4300 Series: When a firewall filter is applied to a loopback interface, other firewall filters for multicast traffic may f

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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