



# CVE-2018-0056

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

## Summary

|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2018-0056                                                                                                               |
| <b>State</b>           | PUBLIC                                                                                                                      |
| <b>Assigner</b>        | sirt@juniper.net                                                                                                            |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                |
| <b>Published</b>       | 2018-10-10 18:29:00 UTC                                                                                                     |
| <b>Updated</b>         | 2019-10-09 23:31:00 UTC                                                                                                     |
| <b>Description</b>     | If a duplicate MAC address is learned by two different interfaces on an MX Series device, the MAC address learning function |

## Risk And Classification

### Problem Types: CWE-20

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                  | Product               | Version | Update | Edition | Language |
|------------------|-------------------------|-----------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | All    | 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    | 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    | f6     | 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    | r5     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1    | r6     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1    | All    | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1    | r1     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1    | r2     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1    | r3     | All     | All      |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.2    | All    | All     | All      |

|                  |                         |                       |      |     |     |     |
|------------------|-------------------------|-----------------------|------|-----|-----|-----|
|                  |                         |                       |      |     |     |     |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.2 | r1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.1 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.1 | r1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | r1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.1 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.1 | r1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1 | All | 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 | 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 | f6  | 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 | r5  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 15.1 | r6  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1 | r1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1 | r2  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.1 | r3  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.2 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 16.2 | r1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.1 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.1 | r1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.2 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.3 | r1  | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 17.4 | r1  | All | All |

|                  |                         |                       |      |     |     |     |
|------------------|-------------------------|-----------------------|------|-----|-----|-----|
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.1 | All | All | All |
| Operating System | <a href="#">Juniper</a> | <a href="#">Junos</a> | 18.1 | r1  | All | All |

## References

| Reference                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------|
| Juniper Junos MX Series 'l2-backhaul VPN' Lets Remote Users Deny Service - SecurityTracker                                                   |
| 2018-10 Security Bulletin: MX Series: L2ALD daemon may crash if a duplicate MAC is learned by two different interfaces (CVE-2018-0056) - cve |
| CVE Program record                                                                                                                           |
| NVD vulnerability detail                                                                                                                     |
| <div><div></div></div>                                                                                                                       |

No vendor comments have been submitted for this CVE.

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