



# CVE-2018-0480

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## Summary

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2018-0480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>State</b>           | PUBLIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Assigner</b>        | psirt@cisco.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Published</b>       | 2018-10-05 14:29:00 UTC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Updated</b>         | 2019-10-09 23:32:00 UTC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>     | A vulnerability in the errdisable per VLAN feature of Cisco IOS XE Software could allow an unauthenticated, adjacent attacker to cause a denial of service (DoS) condition on the affected device by sending a specially crafted packet to the target device. The attacker can cause the target device to enter the errdisable state and the device will not be able to process any traffic until it is manually reset or the errdisable recovery timer expires. The vulnerability is present in Cisco IOS XE Software versions 3.6(5) and earlier. |

## Risk And Classification

### Problem Types: CWE-362

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor | Product | Version | Update | Edition | Language |
|------------------|--------|---------|---------|--------|---------|----------|
| Operating System | Cisco  | Ios Xe  | 3.6(5)  | All    | All     | All      |
| Operating System | Cisco  | Ios Xe  | 3.6(5)  | All    | All     | All      |
| Operating System | Cisco  | Ios Xe  | 3.6(5)  | All    | All     | All      |

## References

### Reference

|                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------|
| Cisco IOS XE Software Errdisable Denial of Service Vulnerability                                                                        |
| Cisco IOS XE Software Errdisable CVE-2018-0480 Denial of Service Vulnerability                                                          |
| Cisco IOS/IOS XE Multiple Flaws Let Remote Users Cause the Target Device to Hang or Reload and Local Users Gain Elevated Privileges - S |
| 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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