



# CVE-2019-1644

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

## Summary

<b>CVE</b>	CVE-2019-1644
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@cisco.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-01-23 23:29:00 UTC
<b>Updated</b>	2020-10-05 19:03:00 UTC
<b>Description</b>	A vulnerability in the UDP protocol implementation for Cisco IoT Field Network Director (IoT-FND) could allow an unauthenticated user to cause a Denial of Service (DoS) by sending a specially crafted UDP packet to the device. The vulnerability is caused by a buffer overflow in the UDP implementation. The vulnerability is present in all versions of IoT-FND prior to 4.3(0.20).

## Risk And Classification

**Problem Types: CWE-770**

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Cisco	lot Field Network Director	4.3(0.20)	All	All	All
Application	Cisco	lot Field Network Director	4.3\0.20\	All	All	All
Application	Cisco	lot Field Network Director	4.3\0.20\	All	All	All

## References

Reference	Source	Link	Tags
Cisco IoT Field Network Director Resource Exhaustion Denial of Service Vulnerability	CISCO	<a href="https://tools.cisco.com">tools.cisco.com</a>	Vendor Advice
Cisco IoT Field Network Director CVE-2019-1644 Denial of Service Vulnerability	BID	<a href="https://www.securityfocus.com">www.securityfocus.com</a>	Third Party Advisory
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, authoritative

No vendor comments have been submitted for this CVE.

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

this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**Free CVE JSON API** [cve.report/api](#)

**CVE.report and Source URL Uptime Status** [status.cve.report](#)