

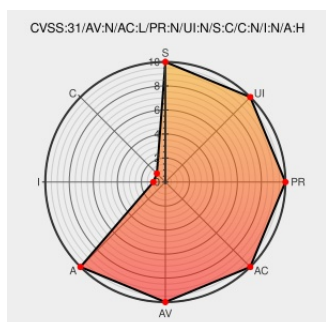


CVE-2018-15377

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CVE-2018-15377 - advisory for cisco-sa-20180926-pnp-memleak

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

Certain versions of **ios** from **Cisco** contain the following vulnerability:

A vulnerability in the Cisco Network Plug and Play agent, also referred to as the Cisco Open Plug-n-Play agent, of Cisco IOS Software and Cisco IOS XE Software could allow an unauthenticated, remote attacker to cause a memory leak on an affected device. The vulnerability is due to insufficient input validation by the affected software. An attacker could exploit this vulnerability by sending invalid

data to the Cisco Network Plug and Play agent on an affected device. A successful exploit could allow the attacker to cause a memory leak on the affected device, which could cause the device to reload.

CVE-2018-15377 has been assigned by [cisco](#) psirt@cisco.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [cisco](#) **Cisco** - **Cisco IOS Software** version n/a

CVSS3 Score: **8.6 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	NONE	NONE	HIGH

CVSS2 Score: **7.8 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
Rockwell Automation Stratix 5400/5410/5700 and ArmorStratix 5700 CISA	Third Party Advisory US Government Resource ics-cert.us-cert.gov text/html	 MISC ics-cert.us-cert.gov/advisories/ICSA-19-094-02
Cisco IOS and IOS XE Software Plug and Play Agent Memory Leak Vulnerability	Vendor Advisory tools.cisco.com text/html	 CISCO 20180926 Cisco IOS and IOS XE Software Plug and Play Agent Memory Leak Vulnerability

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios	15.7(3.1s)m	All	All	All
Operating System	Cisco	ios	15.7(3.1s)m	All	All	All
Operating System	Cisco	ios	denali-16.3.6	All	All	All
Operating System	Cisco	ios	everest-16.5.1	All	All	All
Operating System	Cisco	ios	15.7(3.1s)m	All	All	All
Operating System	Cisco	ios	denali-16.3.6	All	All	All
Operating System	Cisco	ios	everest-16.5.1	All	All	All
cpe:2.3:o:cisco:ios:15.7(3.1s)m:*****:.*:						
cpe:2.3:o:cisco:ios:15.7(3.1s)m:*****:.*:						
cpe:2.3:o:cisco:ios:denali-16.3.6:*****:.*:						
cpe:2.3:o:cisco:ios:everest-16.5.1:*****:.*:						
cpe:2.3:o:cisco:ios:15.7(3.1s)m:*****:.*:						
cpe:2.3:o:cisco:ios:denali-16.3.6:*****:.*:						
cpe:2.3:o:cisco:ios:everest-16.5.1:*****:.*:						

No vendor comments have been submitted for this CVE

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