

# Cisco Nexus 4000 Simple Network Management Protocol

## High Severity Denial of Service Vulnerability in Cisco Nexus 4000 SNMP



Cisco-SA-20180620-n4k-snmp-dos

[CVE-2018-0299](#)

Published: 2018-06-20 16:00

Version: 1.0 : Final

CVSS Score: 7.7

Workarounds: No workarounds available

Cisco ID: [CSCvg10442](#)

**Summary:** A Denial of Service (DoS) vulnerability exists in Cisco Nexus 4000 Simple Network Management Protocol (SNMP) software. An attacker can exploit this vulnerability to cause a denial of service on the affected device.

### Details

Cisco Nexus 4000 Simple Network Management Protocol (SNMP) software contains a vulnerability that can be exploited to cause a denial of service (DoS) on the affected device.

The vulnerability is located in the MIB library used by the SNMP daemon.

When an SNMP request is received, the daemon attempts to parse the request. If the request is malformed, the daemon can enter a loop that consumes CPU resources and eventually causes a denial of service.

The vulnerability is present in all versions of Cisco Nexus 4000 software that support SNMP. The affected versions are:

- Nexus 4000 Series Software Release 7.0(3)N1
- Nexus 4000 Series Software Release 7.0(3)N2
- Nexus 4000 Series Software Release 7.0(3)N3

For more information, please refer to the following URL:

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20180620-n4k-snmp-dos>

This vulnerability was discovered by a Cisco security researcher.

Cisco is providing this advisory to help you understand and address the vulnerability.

For more information, please refer to the following URL:

[https://www.cisco.com/go/snmp-dos](#)

Response: June 2018 Cisco FXOS and NX-OS Software Security Advisory



- UCS 6200 ā, ·āfāf14ā, ° āf·ā, ;āf-āfāffā, - ā, āāf3ā, ;āf14ā, 3āf ā, -āf
- UCS 6300 ā, ·āfāf14ā, ° āf·ā, ;āf-āfāffā, - ā, āāf3ā, ;āf14ā, 3āf ā, -āf

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#### Simple Network Management

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Cisco Product Security Incident Response

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URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20180620-n4k-smp-dos>

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## 翻訳について

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