



CVE-2011-4023

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2011-4023
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-05-03 10:11:00 UTC
Updated	2018-10-30 16:26:00 UTC
Description	Memory leak in libcmd in Cisco NX-OS 5.0 on Nexus switches allows remote authenticated users to cause a denial of servi

Risk And Classification

Problem Types: CWE-399

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	Nexus 2148t Fex Switch	-	All	All	All
Hardware	Cisco	Nexus 2148t Fex Switch	-	All	All	All
Hardware	Cisco	Nexus 2224tp Fex Switch	-	All	All	All
Hardware	Cisco	Nexus 2224tp Fex Switch	-	All	All	All
Hardware	Cisco	Nexus 2232pp Fex Switch	-	All	All	All
Hardware	Cisco	Nexus 2232pp Fex Switch	-	All	All	All
Hardware	Cisco	Nexus 2232tm Fex Switch	-	All	All	All
Hardware	Cisco	Nexus 2232tm Fex Switch	-	All	All	All
Hardware	Cisco	Nexus 2248tp E Fex Switch	-	All	All	All
Hardware	Cisco	Nexus 2248tp E Fex Switch	-	All	All	All
Hardware	Cisco	Nexus 2248tp Fex Switch	-	All	All	All
Hardware	Cisco	Nexus 2248tp Fex Switch	-	All	All	All
Hardware	Cisco	Nexus 5010p Switch	-	All	All	All
Hardware	Cisco	Nexus 5010p Switch	-	All	All	All
Hardware	Cisco	Nexus 5020p Switch	-	All	All	All
Hardware	Cisco	Nexus 5020p Switch	-	All	All	All
Hardware	Cisco	Nexus 5548p	-	All	All	All

Hardware	Cisco	Nexus 5548p	-	All	All	All
Hardware	Cisco	Nexus 5548up	-	All	All	All
Hardware	Cisco	Nexus 5548up	-	All	All	All
Hardware	Cisco	Nexus 5596up	-	All	All	All
Hardware	Cisco	Nexus 5596up	-	All	All	All
Operating System	Cisco	Nx-os	5.0	All	All	All
Operating System	Cisco	Nx-os	5.0(2)	All	All	All
Operating System	Cisco	Nx-os	5.0(2)n1(1)	All	All	All
Operating System	Cisco	Nx-os	5.0(2)n2(1)	All	All	All
Operating System	Cisco	Nx-os	5.0(2)n2(1a)	All	All	All
Operating System	Cisco	Nx-os	5.0(2a)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n1(1)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n1(1a)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n1(1b)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n1(1c)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n2(1)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n2(2)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n2(2a)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n2(2b)	All	All	All
Operating System	Cisco	Nx-os	5.0(5)	All	All	All
Operating System	Cisco	Nx-os	5.0(2a)	All	All	All
Operating System	Cisco	Nx-os	5.0(2)	All	All	All
Operating System	Cisco	Nx-os	5.0(2)n1(1)	All	All	All
Operating System	Cisco	Nx-os	5.0(2)n2(1a)	All	All	All
Operating System	Cisco	Nx-os	5.0(2)n2(1)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n1(1a)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n1(1b)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n1(1c)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n1(1)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n2(1)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n2(2a)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n2(2b)	All	All	All

Operating System	Cisco	Nx-os	5.0(5)	All	All	All
Operating System	Cisco	Nx-os	5.0	All	All	All
Operating System	Cisco	Nx-os	5.0(2a)	All	All	All
Operating System	Cisco	Nx-os	5.0(2)	All	All	All
Operating System	Cisco	Nx-os	5.0(2)n1(1)	All	All	All
Operating System	Cisco	Nx-os	5.0(2)n2(1a)	All	All	All
Operating System	Cisco	Nx-os	5.0(2)n2(1)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n1(1a)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n1(1b)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n1(1c)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n1(1)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n2(1)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n2(2a)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n2(2b)	All	All	All
Operating System	Cisco	Nx-os	5.0(3)n2(2)	All	All	All
Operating System	Cisco	Nx-os	5.0(5)	All	All	All

References

Reference

Cisco Nexus 5000 Series and Cisco Nexus 2000 Series Release Notes for Cisco NX-OS Release 5.0(3)N2(2a), Release 5.0(3)N2(2), and Rel

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.

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to 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](#).

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