

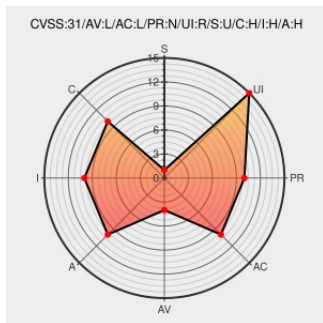


CVE-2019-17424

Published on: 10/22/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:38 PM UTC

CVE-2019-17424

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

Certain versions of [Nipper-ng](#) from [Nipper-ng Project](#) contain the following vulnerability:

A stack-based buffer overflow in the processPrivilege() function in IOS/process-general.c in nipper-ng 0.11.10 allows remote attackers (serving firewall configuration files) to achieve Remote Code Execution or Denial Of Service via a crafted file.

CVE-2019-17424 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
(...) © (@va_start) Twitter	Third Party Advisory nitter.domain.glass text/html	X MISC twitter.com/va_start
Stack Overflow CVE-2019-17424 Vulnerability Write-Up and	Exploit	MISC blog.vastart.dev/2019/10/stack-overflow-

RCE Exploit Walk Through	Third Party Advisory blog.vastart.dev text/html	cve-2019-17424.html
nipper-ng 0.11.10 Remote Buffer Overflow ≈ Packet Storm	packetstormsecurity.com text/html	 MISC packetstormsecurity.com/files/155378/nipper-ng-0.11.10-Remote-Buffer-Overflow.html
GitHub - guywhataguy/CVE-2019-17424: RCE Exploit For CVE-2019-17424 (nipper-ng 0.11.10)	Third Party Advisory github.com text/html	 MISC github.com/guywhataguy/CVE-2019-17424
Google Code Archive - Long-term storage for Google Code Project Hosting.	Third Party Advisory code.google.com text/html	 MISC code.google.com/archive/p/nipper-ng/source/default/source

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

RCE Exploit For CVE-2019-17424 (nipper-ng 0.11.10)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Nipper-ng Project	Nipper-ng	0.11.10	All	All	All
Application	Nipper-ng Project	Nipper-ng	0.11.10	All	All	All

cpe:2.3:a:nipper-ng_project:nipper-ng:0.11.10:*****:

cpe:2.3:a:nipper-ng_project:nipper-ng:0.11.10:*****:

No vendor comments have been submitted for this CVE

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