

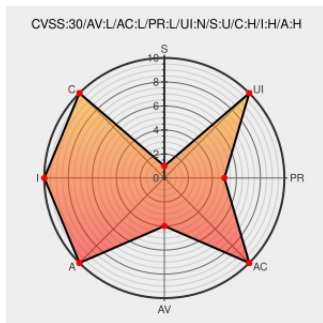


CVE-2019-13047

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CVE-2019-13047

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

Certain versions of [Toaruos](#) from [Toaruos](#) contain the following vulnerability:

kernel/sys/syscall.c in ToaruOS through 1.10.9 has incorrect access control in sys_sysfunc case 9 for TOARU_SYS_FUNC_SETHEAP, allowing arbitrary kernel pages to be mapped into user land, leading to root access.

CVE-2019-13047 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	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.2 - HIGH**

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

CVE References

Description	Tags	Link
kowasuos/kowasu-sysfunc.c at master · mehsauce/kowasuos · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/mehsauce/kowasuos/blob/master/exploits/kowasu-sysfunc.c

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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	Toaruos	Toaruos	All	All	All	All
Operating System	Toaruos Project	Toaruos	All	All	All	All
<code>cpe:2.3:o:toaruos:toaruos:*.*.*.*.*.*.*.</code>						
<code>cpe:2.3:o:toaruos_project:toaruos:*.*.*.*.*.*.*.</code>						

No vendor comments have been submitted for this CVE

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