

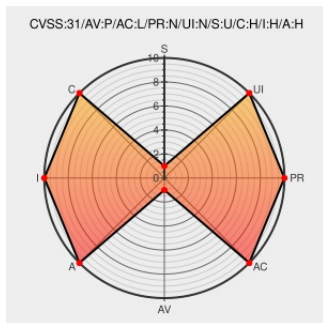


CVE-2020-11683

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CVE-2020-11683

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

Certain versions of [At91bootstrap](#) from [Linux4sam](#) contain the following vulnerability:

A timing side channel was discovered in AT91bootstrap before 3.9.2. It can be exploited by attackers with physical access to forge CMAC values and subsequently boot arbitrary code on an affected system.

CVE-2020-11683 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.8 - MEDIUM**

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

CVSS2 Score: **4.6 - MEDIUM**

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

CVE References

Description	Tags	Link
Microchip AT91Bootstrap Code Authentication Issues	Exploit Third Party Advisory labs.f-secure.com text/html	MISC labs.f-secure.com/advisories/microchip-at91bootstrap/

driver: secure: use
consttime_memequal for memory
comparison ·
linux4sam/at91bootstrap@7753914
· GitHub

Patch
Third Party Advisory
github.com
text/html

MISC
github.com/linux4sam/at91bootstrap/commit/7753914c9a622c245f3a3cf2af5e24b

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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
Application	Linux4sam	At91bootstrap	All	All	All	All
Application	Linux4sam	At91bootstrap	All	All	All	All
cpe:2.3:a:linux4sam:at91bootstrap:*****:.*:						
cpe:2.3:a:linux4sam:at91bootstrap:*****:.*:						

No vendor comments have been submitted for this CVE

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