



CVE-2020-12890

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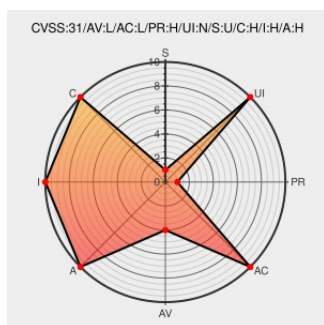
CVE-2020-12890

Source: [Mitre](#)

Source: [NIST](#)

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Certain versions of [Amd Generic Encapsulated Software Architecture](#) from [Amd](#) contain the following vulnerability:

Improper handling of pointers in the System Management Mode (SMM) handling code may allow for a privileged attacker with physical or administrative access to potentially manipulate the AMD Generic Encapsulated Software Architecture (AGESA) to execute arbitrary code undetected by the operating system.

CVE-2020-12890 has been assigned by psirt@amd.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **AMD - AMD Processors** version ! EPYC

CVSS3 Score: **6.7 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	HIGH	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
AMD Product Security AMD	web.archive.org	MISC www.amd.com/en/corporate/product-security

[text/html](#)[Inactive Link](#)[Not Archived](#)

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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	Amd	Amd Generic Encapsulated Software Architecture	-	All	All	All
cpe:2.3:o:amd:amd_generic_encapsulated_software_architecture:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @akayn_	3g2upl4pq6kufc4m.onion/?q=cve-2020-12...	2021-06-04 18:11:24
 @CVEreport	CVE-2020-12890 : Improper handling of pointers in the System Management Mode SMM handling code may allow for a pr... twitter.com/i/web/status/1...	2021-12-10 22:07:17
 /r/netcve	CVE-2020-12890	2021-12-10 23:38:11

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