



# CVE-2022-23818

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2022-23818
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@amd.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-05-09 19:15:00 UTC
<b>Updated</b>	2023-05-22 15:51:00 UTC
<b>Description</b>	Insufficient input validation on the model specific register: VM_HSAVE_PA may potentially lead to loss of SEV-SNP guest n

## Risk And Classification

**Problem Types:** CWE-20

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 72f3</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 72f3 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7313</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7313p</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7313p Firmware</a>	milanpi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7313 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7343</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7343 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7373x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7373x Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 73f3</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 73f3 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7413</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7413 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7443</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7443p</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7443p Firmware</a>	milanpi_1.0.0.9	All	All	All

Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7443 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7453</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7453 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7473x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7473x Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 74f3</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 74f3 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7513</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7513 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7543</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7543p</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7543p Firmware</a>	milanpi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7543 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7573x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7573x Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 75f3</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 75f3 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7643</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7643 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7663</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7663 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7713</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7713p</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7713p Firmware</a>	milanpi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7713 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7763</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7763 Firmware</a>	milanpi_1.0.0.9	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7773x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7773x Firmware</a>	milanpi_1.0.0.9	All	All	All

## References

Reference	Source	Link	Tags
<a href="http://www.amd.com/en/corporate/product-security/bulletin/AMD-SB-3001">www.amd.com/en/corporate/product-security/bulletin/AMD-SB-3001</a>	MISC	<a href="http://www.amd.com">www.amd.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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