



# CVE-2021-26322

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## Summary

<b>CVE</b>	CVE-2021-26322
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@amd.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-11-16 18:15:00 UTC
<b>Updated</b>	2022-10-25 18:48:00 UTC
<b>Description</b>	Persistent platform private key may not be protected with a random IV leading to a potential "two time pad attack".

## Risk And Classification

**Problem Types:** CWE-330

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7232p</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7232p Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7251</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7251 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7252</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7252 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7261</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7261 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7262</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7262 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7272</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7272 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7281</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7281 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7282</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7282 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 72f3</a>	-	All	All	All

Operating System	Amd	Epyc 72f3 Firmware	All	All	All	All
Hardware	Amd	Epyc 7301	-	All	All	All
Operating System	Amd	Epyc 7301 Firmware	All	All	All	All
Hardware	Amd	Epyc 7302	-	All	All	All
Hardware	Amd	Epyc 7302p	-	All	All	All
Operating System	Amd	Epyc 7302p Firmware	All	All	All	All
Operating System	Amd	Epyc 7302 Firmware	All	All	All	All
Hardware	Amd	Epyc 7313	-	All	All	All
Hardware	Amd	Epyc 7313p	-	All	All	All
Operating System	Amd	Epyc 7313p Firmware	All	All	All	All
Operating System	Amd	Epyc 7313 Firmware	All	All	All	All
Hardware	Amd	Epyc 7343	-	All	All	All
Operating System	Amd	Epyc 7343 Firmware	All	All	All	All
Hardware	Amd	Epyc 7351	-	All	All	All
Hardware	Amd	Epyc 7351p	-	All	All	All
Operating System	Amd	Epyc 7351p Firmware	All	All	All	All
Operating System	Amd	Epyc 7351 Firmware	All	All	All	All
Hardware	Amd	Epyc 7352	-	All	All	All
Operating System	Amd	Epyc 7352 Firmware	All	All	All	All
Hardware	Amd	Epyc 7371	-	All	All	All
Operating System	Amd	Epyc 7371 Firmware	All	All	All	All
Hardware	Amd	Epyc 73f3	-	All	All	All
Operating System	Amd	Epyc 73f3 Firmware	All	All	All	All
Hardware	Amd	Epyc 7401	-	All	All	All
Operating System	Amd	Epyc 7401 Firmware	All	All	All	All
Hardware	Amd	Epyc 7402	-	All	All	All
Hardware	Amd	Epyc 7402p	-	All	All	All
Operating System	Amd	Epyc 7402p Firmware	All	All	All	All
Operating System	Amd	Epyc 7402 Firmware	All	All	All	All
Hardware	Amd	Epyc 7413	-	All	All	All
Operating System	Amd	Epyc 7413 Firmware	All	All	All	All
Hardware	Amd	Epyc 7443	-	All	All	All
Hardware	Amd	Epyc 7443p	-	All	All	All
Operating System	Amd	Epyc 7443p Firmware	All	All	All	All
Operating System	Amd	Epyc 7443 Firmware	All	All	All	All
Hardware	Amd	Epyc 7451	-	All	All	All

Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7451</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7451 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7452</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7452 Firmware</a>	All	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>	All	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>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7501</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7501 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7502</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7502p</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7502p Firmware</a>	All	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7502 Firmware</a>	All	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>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7532</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7532 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7542</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7542 Firmware</a>	All	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>	All	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7543 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7551</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7551p</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7551p Firmware</a>	All	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7551 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7552</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7552 Firmware</a>	All	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>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7601</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7601 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7642</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7642 Firmware</a>	All	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>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7662</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7662 Firmware</a>	All	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>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7702</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7702p</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7702p Firmware</a>	All	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7702 Firmware</a>	All	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>	All	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7713 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7742</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7742 Firmware</a>	All	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>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7f32</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7f32 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7f52</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7f52 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7f72</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7f72 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7h12</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7h12 Firmware</a>	All	All	All	All

## References

Reference	Source	Link	Tags
AMD Server Vulnerabilities – November 2021   AMD	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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