



# CVE-2021-26368

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## Summary

<b>CVE</b>	CVE-2021-26368
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@amd.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-05-12 19:15:00 UTC
<b>Updated</b>	2022-06-01 15:43:00 UTC
<b>Description</b>	Insufficient check of the process type in Trusted OS (TOS) may allow an attacker with privileges to enable a lesser privilege

## Risk And Classification

### Problem Types: CWE-345

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3 2200u</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3 2200u Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3 2300u</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3 2300u Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3 3100</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3 3100 Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3 3300g</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3 3300g Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3 3300x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3 3300x Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3 5125c</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3 5125c Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3 5400u</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3 5400u Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3 5425c</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3 5425c Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3 5425u</a>	-	All	All	All

Operating System	Amd	Ryzen 3 5425u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5300g	-	All	All	All
Hardware	Amd	Ryzen 5300ge	-	All	All	All
Operating System	Amd	Ryzen 5300ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 5300g Firmware	-	All	All	All
Hardware	Amd	Ryzen 5600g	-	All	All	All
Hardware	Amd	Ryzen 5600ge	-	All	All	All
Operating System	Amd	Ryzen 5600ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 5600g Firmware	-	All	All	All
Hardware	Amd	Ryzen 5600x	-	All	All	All
Operating System	Amd	Ryzen 5600x Firmware	-	All	All	All
Hardware	Amd	Ryzen 5700g	-	All	All	All
Hardware	Amd	Ryzen 5700ge	-	All	All	All
Operating System	Amd	Ryzen 5700ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 5700g Firmware	-	All	All	All
Hardware	Amd	Ryzen 5800x	-	All	All	All
Hardware	Amd	Ryzen 5800x3d	-	All	All	All
Operating System	Amd	Ryzen 5800x3d Firmware	-	All	All	All
Operating System	Amd	Ryzen 5800x Firmware	-	All	All	All
Hardware	Amd	Ryzen 5900x	-	All	All	All
Operating System	Amd	Ryzen 5900x Firmware	-	All	All	All
Hardware	Amd	Ryzen 5950x	-	All	All	All
Operating System	Amd	Ryzen 5950x Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 2500u	-	All	All	All
Operating System	Amd	Ryzen 5 2500u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 2600	-	All	All	All
Hardware	Amd	Ryzen 5 2600h	-	All	All	All
Operating System	Amd	Ryzen 5 2600h Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 2600x	-	All	All	All
Operating System	Amd	Ryzen 5 2600x Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 2600 Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3400g	-	All	All	All
Operating System	Amd	Ryzen 5 3400g Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3450g	-	All	All	All
Operating System	Amd	Ryzen 5 3450g Firmware	-	All	All	All

Hardware	Amd	Ryzen 5 3600	-	All	All	All
Hardware	Amd	Ryzen 5 3600x	-	All	All	All
Operating System	Amd	Ryzen 5 3600x Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 3600 Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5560u	-	All	All	All
Operating System	Amd	Ryzen 5 5560u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5600h	-	All	All	All
Hardware	Amd	Ryzen 5 5600hs	-	All	All	All
Operating System	Amd	Ryzen 5 5600hs Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 5600h Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5600u	-	All	All	All
Operating System	Amd	Ryzen 5 5600u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5600x	-	All	All	All
Operating System	Amd	Ryzen 5 5600x Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5625c	-	All	All	All
Operating System	Amd	Ryzen 5 5625c Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5625u	-	All	All	All
Operating System	Amd	Ryzen 5 5625u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5700g	-	All	All	All
Hardware	Amd	Ryzen 5 5700ge	-	All	All	All
Operating System	Amd	Ryzen 5 5700ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 5700g Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 2700	-	All	All	All
Hardware	Amd	Ryzen 7 2700u	-	All	All	All
Operating System	Amd	Ryzen 7 2700u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 2700x	-	All	All	All
Operating System	Amd	Ryzen 7 2700x Firmware	-	All	All	All
Operating System	Amd	Ryzen 7 2700 Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 2800h	-	All	All	All
Operating System	Amd	Ryzen 7 2800h Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 3700x	-	All	All	All
Operating System	Amd	Ryzen 7 3700x Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 3800x	-	All	All	All
Operating System	Amd	Ryzen 7 3800x Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5800h	-	All	All	All

Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 7 5800hs</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 7 5800hs Firmware</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 7 5800h Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 7 5800u</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 7 5800u Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 7 5825c</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 7 5825c Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 7 5825u</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 7 5825u Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 9 3900x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 9 3900x Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 9 3950x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 9 3950x Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 9 5900hs</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 9 5900hs Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 9 5900hx</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 9 5900hx Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 9 5980hs</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 9 5980hs Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 9 5980hx</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 9 5980hx Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 2920x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 2920x Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 2950x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 2950x Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 2970wx</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 2970wx Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 2990wx</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 2990wx Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 3960x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 3960x Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 3970x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 3970x Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 3990x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper 3990x Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen Threadripper Pro 3945wx</a>	-	All	All	All

Operating System	Amd	Ryzen Threadripper Pro 3945wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 3955wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 3955wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 3975wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 3975wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 3995wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 3995wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 5945wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 5945wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 5955wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 5955wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 5965wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 5965wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 5975wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 5975wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 5995wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 5995wx Firmware	-	All	All	All

## References

Reference	Source	Link	Tags
<a href="http://www.amd.com/en/corporate/product-security/bulletin/amd-sb-1027">www.amd.com/en/corporate/product-security/bulletin/amd-sb-1027</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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