



# CVE-2021-46755

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## Summary

<b>CVE</b>	CVE-2021-46755
<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 20:15:00 UTC
<b>Updated</b>	2023-05-22 15:43:00 UTC
<b>Description</b>	Failure to unmap certain SysHub mappings in error paths of the ASP (AMD Secure Processor) bootloader may allow an att

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3100</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3100 Firmware</a>	comboam4pi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3100 Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3300x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3300x Firmware</a>	comboam4pi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3300x Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3500</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3500x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3500x Firmware</a>	comboam4pi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3500x Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3500 Firmware</a>	comboam4pi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3500 Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3600</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3600x</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3600xt</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3600xt Firmware</a>	comboam4pi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3600xt Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All

Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3600x Firmware</a>	comboam4pi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3600x Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3600 Firmware</a>	comboam4pi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3600 Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3800x</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3800xt</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3800xt Firmware</a>	comboam4pi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3800xt Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3800x Firmware</a>	comboam4pi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3800x Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3900</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3900x</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3900xt</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3900xt Firmware</a>	comboam4pi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3900xt Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3900x Firmware</a>	comboam4pi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3900x Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3900 Firmware</a>	comboam4pi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3900 Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3950x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3950x Firmware</a>	comboam4pi_1.0.0.9	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3950x Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 5500</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 5500 Firmware</a>	comboam4v2_pi_1.2.0.6	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 5500 Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 5600</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 5600g</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 5600g Firmware</a>	comboam4v2_pi_1.2.0.6	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 5600g Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 5600x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 5600x Firmware</a>	comboam4v2_pi_1.2.0.6	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 5600x Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 5600 Firmware</a>	comboam4v2_pi_1.2.0.6	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 5600 Firmware</a>	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 5700g</a>	-	All	All	All

Operating System	Amd	Ryzen 5700g Firmware	comboam4v2_pi_1.2.0.6	All	All	All
Operating System	Amd	Ryzen 5700g Firmware	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	Amd	Ryzen 5700x	-	All	All	All
Operating System	Amd	Ryzen 5700x Firmware	comboam4v2_pi_1.2.0.6	All	All	All
Operating System	Amd	Ryzen 5700x Firmware	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	Amd	Ryzen 5800x	-	All	All	All
Hardware	Amd	Ryzen 5800x3d	-	All	All	All
Operating System	Amd	Ryzen 5800x3d Firmware	comboam4v2_pi_1.2.0.6	All	All	All
Operating System	Amd	Ryzen 5800x3d Firmware	comboam4_v2_pi_1.2.0.8	All	All	All
Operating System	Amd	Ryzen 5800x Firmware	comboam4v2_pi_1.2.0.6	All	All	All
Operating System	Amd	Ryzen 5800x Firmware	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	Amd	Ryzen 5900x	-	All	All	All
Operating System	Amd	Ryzen 5900x Firmware	comboam4v2_pi_1.2.0.6	All	All	All
Operating System	Amd	Ryzen 5900x Firmware	comboam4_v2_pi_1.2.0.8	All	All	All
Hardware	Amd	Ryzen 5950x	-	All	All	All
Operating System	Amd	Ryzen 5950x Firmware	comboam4v2_pi_1.2.0.6	All	All	All
Operating System	Amd	Ryzen 5950x Firmware	comboam4_v2_pi_1.2.0.8	All	All	All

## References

Reference	Source	Link	Tags
<a href="http://www.amd.com/en/corporate/product-security/bulletin/AMD-SB-4001">www.amd.com/en/corporate/product-security/bulletin/AMD-SB-4001</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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