



# CVE-2022-25368

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## Summary

<b>CVE</b>	CVE-2022-25368
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-03-10 17:47:00 UTC
<b>Updated</b>	2022-03-16 03:40:00 UTC
<b>Description</b>	Spectre BHB is a variant of Spectre-v2 in which malicious code uses the shared branch history (stored in the CPU BHB) to

## 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="#">Amperecomputing</a>	<a href="#">Ampere Altra</a>	-	All	All	All
Operating System	<a href="#">Amperecomputing</a>	<a href="#">Ampere Altra Firmware</a>	-	All	All	All
Hardware	<a href="#">Amperecomputing</a>	<a href="#">Ampere Altra Max</a>	-	All	All	All
Operating System	<a href="#">Amperecomputing</a>	<a href="#">Ampere Altra Max Firmware</a>	-	All	All	All
Hardware	<a href="#">Arm</a>	<a href="#">Cortex-a15</a>	-	All	All	All
Operating System	<a href="#">Arm</a>	<a href="#">Cortex-a15 Firmware</a>	-	All	All	All
Hardware	<a href="#">Arm</a>	<a href="#">Cortex-a57</a>	-	All	All	All
Operating System	<a href="#">Arm</a>	<a href="#">Cortex-a57 Firmware</a>	-	All	All	All
Hardware	<a href="#">Arm</a>	<a href="#">Cortex-a65</a>	-	All	All	All
Hardware	<a href="#">Arm</a>	<a href="#">Cortex-a65ae</a>	-	All	All	All
Operating System	<a href="#">Arm</a>	<a href="#">Cortex-a65ae Firmware</a>	-	All	All	All
Operating System	<a href="#">Arm</a>	<a href="#">Cortex-a65 Firmware</a>	-	All	All	All
Hardware	<a href="#">Arm</a>	<a href="#">Cortex-a710</a>	-	All	All	All
Operating System	<a href="#">Arm</a>	<a href="#">Cortex-a710 Firmware</a>	-	All	All	All
Hardware	<a href="#">Arm</a>	<a href="#">Cortex-a72</a>	-	All	All	All
Operating System	<a href="#">Arm</a>	<a href="#">Cortex-a72 Firmware</a>	-	All	All	All
Hardware	<a href="#">Arm</a>	<a href="#">Cortex-a73</a>	-	All	All	All

Operating System	Arm	Cortex-a73 Firmware	-	All	All	All
Hardware	Arm	Cortex-a75	-	All	All	All
Operating System	Arm	Cortex-a75 Firmware	-	All	All	All
Hardware	Arm	Cortex-a76	-	All	All	All
Hardware	Arm	Cortex-a76ae	-	All	All	All
Operating System	Arm	Cortex-a76ae Firmware	-	All	All	All
Operating System	Arm	Cortex-a76 Firmware	-	All	All	All
Hardware	Arm	Cortex-a77	-	All	All	All
Operating System	Arm	Cortex-a77 Firmware	-	All	All	All
Hardware	Arm	Cortex-a78	-	All	All	All
Hardware	Arm	Cortex-a78ae	-	All	All	All
Operating System	Arm	Cortex-a78ae Firmware	-	All	All	All
Hardware	Arm	Cortex-a78c	-	All	All	All
Operating System	Arm	Cortex-a78c Firmware	-	All	All	All
Operating System	Arm	Cortex-a78 Firmware	-	All	All	All
Hardware	Arm	Cortex-x1	-	All	All	All
Operating System	Arm	Cortex-x1 Firmware	-	All	All	All
Hardware	Arm	Cortex-x2	-	All	All	All
Operating System	Arm	Cortex-x2 Firmware	-	All	All	All
Hardware	Arm	Neoverse-e1	-	All	All	All
Operating System	Arm	Neoverse-e1 Firmware	-	All	All	All
Hardware	Arm	Neoverse-v1	-	All	All	All
Operating System	Arm	Neoverse-v1 Firmware	-	All	All	All
Hardware	Arm	Neoverse N1	-	All	All	All
Operating System	Arm	Neoverse N1 Firmware	-	All	All	All
Hardware	Arm	Neoverse N2	-	All	All	All
Operating System	Arm	Neoverse N2 Firmware	-	All	All	All

## References

Reference	Source	Link	Tags
Impact of Spectre BHB on Ampere	MISC	<a href="https://amperecomputing.com">amperecomputing.com</a>	
CVE - CVE-2022-23960	CONFIRM	<a href="https://cve.mitre.org">cve.mitre.org</a>	
Speculative Processor Vulnerability   Spectre-BHB – Arm Developer	MISC	<a href="https://developer.arm.com">developer.arm.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://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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