



CVE-2020-10255

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

Summary

CVE	CVE-2020-10255
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-03-10 16:15:00 UTC
Updated	2020-03-16 15:23:00 UTC
Description	Modern DRAM chips (DDR4 and LPDDR4 after 2015) are affected by a vulnerability in deployment of internal mitigations a

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Micron	Ddr4 Sdram	-	All	All	All
Hardware	Micron	Ddr4 Sdram	-	All	All	All
Hardware	Micron	Lpddr4	-	All	All	All
Hardware	Micron	Lpddr4	-	All	All	All
Hardware	Samsung	Ddr4	-	All	All	All
Hardware	Samsung	Ddr4	-	All	All	All
Hardware	Samsung	Lpddr4	-	All	All	All
Hardware	Samsung	Lpddr4	-	All	All	All
Hardware	Skhynix	Ddr4 Sdram	-	All	All	All
Hardware	Skhynix	Ddr4 Sdram	-	All	All	All
Hardware	Skhynix	Lpddr4	-	All	All	All
Hardware	Skhynix	Lpddr4	-	All	All	All

References

Reference

VUsec on Twitter: "Remember #Rowhammer? Old variants won't work on recent DDR4 chips. Introducing #TRRespass, a Rowhammer fuzzer"
TRRespass - VUsec

Poor Rowhammer Fixes On DDR4 DRAM Chips Re-Enable Bit Flipping Attacks

Katelyn Gadd on Twitter: "I love that DRAM manufacturers apparently decided the solution for Rowhammer was "fix the most common version

download.vusec.net/papers/trrespass_sp20.pdf

GitHub - vusec/trrespass: TRRespass

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[375724](#) Lenovo Rowhammer DDR4 Vulnerability (LEN-31370)

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