



CVE-2021-33881

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

Summary

CVE	CVE-2021-33881
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-06-06 16:15:00 UTC
Updated	2021-06-17 16:39:00 UTC
Description	On NXP MIFARE Ultralight and NTAG cards, an attacker can interrupt a write operation (aka conduct a "tear off" attack) ov

Risk And Classification

Problem Types: CWE-863

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Nxp	Mifare Ultralight C	-	All	All	All
Operating System	Nxp	Mifare Ultralight C Firmware	-	All	All	All
Hardware	Nxp	Mifare Ultralight Ev1	-	All	All	All
Operating System	Nxp	Mifare Ultralight Ev1 Firmware	-	All	All	All
Hardware	Nxp	Mifare Ultralight Nano	-	All	All	All
Operating System	Nxp	Mifare Ultralight Nano Firmware	-	All	All	All
Hardware	Nxp	Ntag 210	-	All	All	All
Operating System	Nxp	Ntag 210 Firmware	-	All	All	All
Hardware	Nxp	Ntag 212	-	All	All	All
Operating System	Nxp	Ntag 212 Firmware	-	All	All	All
Hardware	Nxp	Ntag 213	-	All	All	All
Operating System	Nxp	Ntag 213 Firmware	-	All	All	All
Hardware	Nxp	Ntag 215	-	All	All	All
Operating System	Nxp	Ntag 215 Firmware	-	All	All	All
Hardware	Nxp	Ntag 216	-	All	All	All
Operating System	Nxp	Ntag 216 Firmware	-	All	All	All

References

Reference	Source	Link	T
www.nxp.com/docs/en/application-note/AN11340.pdf	MISC	www.nxp.com	
RFID: Monotonic Counter Anti-Tearing Defeated	MISC	blog.quarkslab.com	
www.nxp.com/docs/en/application-note/AN13089.pdf	MISC	www.nxp.com	
SSTIC2021 » Présentation » EEPROM: It Will All End in Tears - Christian Herrmann, Philippe Teuwen	MISC	www.sstic.org	
CVE Program record	CVE.ORG	www.cve.org	c
NVD vulnerability detail	NVD	nvd.nist.gov	c

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

© [CVE.report](https://cve.report) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](https://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.mitre.org/cve). This site includes MITRE data granted under the following [license](https://www.mitre.org/cve).

CVE.report and Source URL Uptime Status status.cve.report