



# CVE-2019-5478

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

## Summary

<b>CVE</b>	CVE-2019-5478
<b>State</b>	PUBLIC
<b>Assigner</b>	support@hackerone.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-09-03 20:15:00 UTC
<b>Updated</b>	2020-10-16 14:11:00 UTC
<b>Description</b>	A weakness was found in Encrypt Only boot mode in Zynq UltraScale+ devices. This could lead to an adversary being able

## Risk And Classification

**Problem Types:** CWE-345

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Xilinx	Zynq Ultrascale Mpsoc	-	All	All	All
Operating System	Xilinx	Zynq Ultrascale Mpsoc Firmware	-	All	All	All
Hardware	Xilinx	Zynq Ultrascale Rfsoc	-	All	All	All
Operating System	Xilinx	Zynq Ultrascale Rfsoc Firmware	-	All	All	All
Hardware	Xilinx	Zynq Ultrascale Mpsoc	-	All	All	All
Hardware	Xilinx	Zynq Ultrascale Mpsoc	-	All	All	All
Operating System	Xilinx	Zynq Ultrascale Mpsoc Firmware	-	All	All	All
Operating System	Xilinx	Zynq Ultrascale Mpsoc Firmware	-	All	All	All
Hardware	Xilinx	Zynq Ultrascale Rfsoc	-	All	All	All
Hardware	Xilinx	Zynq Ultrascale Rfsoc	-	All	All	All
Operating System	Xilinx	Zynq Ultrascale Rfsoc Firmware	-	All	All	All
Operating System	Xilinx	Zynq Ultrascale Rfsoc Firmware	-	All	All	All

## References

Reference
advisories/Security_Advisory-Ref_FSC-HWSEC-VR2019-0001-Xilinx_ZU+-Encrypt_Only_Secure_Boot_bypass.txt at master · f-secure-foundr
AR# 72588: Design Advisory for Zynq UltraScale+ MPSoC/RFSoc: Encrypt Only Boot Mode - Unauthenticated Boot and Partition Headers

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

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

© [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](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status** [status.cve.report](#)