

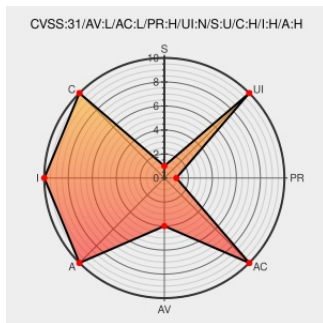


CVE-2020-8684

Published on: 08/12/2020 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

CVE-2020-8684

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Acceleration Stack](#) from [Intel](#) contain the following vulnerability:

Improper access control in firmware for Intel(R) PAC with Arria(R) 10 GX FPGA before Intel Acceleration Stack version 1.2.1 may allow a privileged user to potentially enable escalation of privilege via local access.

CVE-2020-8684 has been assigned by [intel secure@intel.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.7 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	HIGH	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **4.6 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Intel-SA-00375	Patch Vendor Advisory www.intel.com text/html	intel MISC www.intel.com/content/www/us/en/security-center/advisory/intel-sa-00375.html

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Intel	Acceleration Stack	All	All	All	All
Application	Intel	Acceleration Stack	All	All	All	All
Hardware 	Intel	Programmable Acceleration Card With Arria 10 Gx Fpga	-	All	All	All
Hardware 	Intel	Programmable Acceleration Card With Arria 10 Gx Fpga	-	All	All	All
cpe:2.3:a:intel:acceleration_stack:~::~::~::~:						
cpe:2.3:a:intel:acceleration_stack:~::~::~::~:						
cpe:2.3:h:intel:programmable_acceleration_card_with_arria_10_gx_fpga:-:~::~::~::~:						
cpe:2.3:h:intel:programmable_acceleration_card_with_arria_10_gx_fpga:-:~::~::~::~:						

No vendor comments have been submitted for this CVE

[← Previous ID](#)

[Next ID →](#)