



INTEL-SA-00218

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INTEL[®] GRAPHICS DRIVER FOR WINDOWS* 2019.1 QSR ADVISORY



Intel ID:	INTEL-SA-00218
Advisory Category:	Software
Impact of vulnerability:	Denial of Service
Severity rating:	MEDIUM
Original release:	05/14/2019
Last revised:	05/22/2019

Summary:

Multiple potential security vulnerabilities in Intel® Graphics Driver for Windows* may allow denial of service. Intel is releasing software updates to mitigate these potential vulnerabilities.

Vulnerability Details:

CVEID: CVE-2019-0113

Description: Insufficient bounds checking in Intel(R) Graphics Drivers before version 10.18.14.5067 (aka 15.36.x.5067) and 10.18.10.5069 (aka 15.33.x.5069) may allow an authenticated user to potentially enable a denial of service via local access.

CVSS Base Score: 3.2 Low

CVSS Vector: CVSS:3.0/AV:L/AC:L/PR:L/UI:R/S:C/C:N/I:N/A:L

CVEID: CVE-2019-0114




Description: A race condition in Intel(R) Graphics Drivers before version 10.18.14.5067 (aka 15.36.x.5067) and 10.18.10.5069 (aka 15.33.x.5069) may allow an authenticated user to potentially enable a denial of service via local access.

CVSS Base Score: 3.2 Low

CVSS Vector: CVSS:3.0/AV:L/AC:L/PR:L/UI:R/S:C/C:N/I:N/A:L



CVEID: CVE-2019-0115

USA (English)   

Description: Insufficient input validation in KMD module for Intel(R) Graphics Driver before version 10.18.14.5067 (aka 15.36.x.5067) and 10.18.10.5069 (aka 15.33.x.5069) may allow an authenticated user to potentially enable denial of service via local access.

CVSS Base Score: 5.9 Medium

CVSS Vector: CVSS:3.0/AV:L/AC:L/PR:L/UI:R/S:C/C:N/I:N/A:H

CVEID: CVE-2019-0116

Description: An out of bound read in KMD module for Intel(R) Graphics Driver before version 10.18.14.5067 (aka 15.36.x.5067) and 10.18.10.5069 (aka 15.33.x.5069) may allow a privileged user to potentially enable denial of service via local access.

CVSS Base Score: 5.0 Medium

CVSS Vector: CVSS:3.0/AV:L/AC:L/PR:L/UI:R/S:U/C:N/I:N/A:H

Affected Products:

4th Generation Intel® Core™/ Pentium®/ Xeon® (E3 v3 only) Processor (Haswell) systems running Windows® 7 or Windows® 8.1 with Intel® Graphics Driver for Windows* before versions 10.18.14.5067 (aka 15.36.x.5067) and 10.18.10.5069 (aka 15.33.x.5069).

3rd Generation Intel® Core™/ Pentium®/ Celeron®/ Xeon® (E3 v2 only) Processor (Ivybridge) systems with Intel® Graphics Driver for Windows* before versions 10.18.14.5067 (aka 15.36.x.5067) and 10.18.10.5069 (aka 15.33.x.5069).

Intel® Pentium®/ Celeron®/ Atom® Processor (Baytrail) systems with Intel® Graphics Driver for Windows* before versions 10.18.14.5067 (aka 15.36.x.5067) and 10.18.10.5069 (aka 15.33.x.5069).

Recommendations:

Intel recommends updating the Intel® Graphics Driver for Windows* to the latest version.

Updates are available for download at this location:

<https://downloadcenter.intel.com/product/80939/Graphics-Drivers>

Acknowledgements:

Intel would like to thank Konstantin Wurster for reporting CVE-2019-0116. CVE-2019-0113 and CVE-2019-0114 were found externally by an Intel partner. CVE-2019-0115 (English) was found internally by Intel employees. Intel would like to thank Artem Shishkin, Edgar Barbosa, Gabriel Barbosa, Gustavo Scotti, Kekai Hu, Rodrigo Axel Monroy, and Rodrigo Branco.

Intel, and nearly the entire technology industry, follows a disclosure practice called Coordinated Disclosure, under which a cybersecurity vulnerability is generally publicly disclosed only after mitigations are available.

Revision History

Revision	Date	Description
1.0	05/14/2019	Initial Release
1.1	05/22/2019	Updated Acknowledgements

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