



# CVE-2018-3615

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

## Summary

<b>CVE</b>	CVE-2018-3615
<b>State</b>	PUBLIC
<b>Assigner</b>	secure@intel.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-08-14 19:29:00 UTC
<b>Updated</b>	2020-08-24 17:37:00 UTC
<b>Description</b>	Systems with microprocessors utilizing speculative execution and Intel software guard extensions (Intel SGX) may allow un

## Risk And Classification

### Problem Types: CWE-203

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6006u	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6098p	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6100	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6100e	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6100h	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6100t	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6100te	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6100u	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6102e	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6157u	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6167u	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6300	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6300t	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6320	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	8100	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	8350k	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Core I3</a>	6006u	All	All	All

Hardware	Intel	Core I3	6098p	All	All	All
Hardware	Intel	Core I3	6100	All	All	All
Hardware	Intel	Core I3	6100e	All	All	All
Hardware	Intel	Core I3	6100h	All	All	All
Hardware	Intel	Core I3	6100t	All	All	All
Hardware	Intel	Core I3	6100te	All	All	All
Hardware	Intel	Core I3	6100u	All	All	All
Hardware	Intel	Core I3	6102e	All	All	All
Hardware	Intel	Core I3	6157u	All	All	All
Hardware	Intel	Core I3	6167u	All	All	All
Hardware	Intel	Core I3	6300	All	All	All
Hardware	Intel	Core I3	6300t	All	All	All
Hardware	Intel	Core I3	6320	All	All	All
Hardware	Intel	Core I3	8100	All	All	All
Hardware	Intel	Core I3	8350k	All	All	All
Hardware	Intel	Core I5	6200u	All	All	All
Hardware	Intel	Core I5	6260u	All	All	All
Hardware	Intel	Core I5	6267u	All	All	All
Hardware	Intel	Core I5	6287u	All	All	All
Hardware	Intel	Core I5	6300hq	All	All	All
Hardware	Intel	Core I5	6300u	All	All	All
Hardware	Intel	Core I5	6350hq	All	All	All
Hardware	Intel	Core I5	6360u	All	All	All
Hardware	Intel	Core I5	6400	All	All	All
Hardware	Intel	Core I5	6400t	All	All	All
Hardware	Intel	Core I5	6402p	All	All	All
Hardware	Intel	Core I5	6440eq	All	All	All
Hardware	Intel	Core I5	6440hq	All	All	All
Hardware	Intel	Core I5	6442eq	All	All	All
Hardware	Intel	Core I5	650	All	All	All
Hardware	Intel	Core I5	6500	All	All	All
Hardware	Intel	Core I5	6500t	All	All	All
Hardware	Intel	Core I5	6500te	All	All	All
Hardware	Intel	Core I5	655k	All	All	All
Hardware	Intel	Core I5	6585r	All	All	All

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Hardware	Intel	Core I5	6600	All	All	All
Hardware	Intel	Core I5	6600k	All	All	All
Hardware	Intel	Core I5	6600t	All	All	All
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Hardware	Intel	Core I5	680	All	All	All
Hardware	Intel	Core I5	750	All	All	All
Hardware	Intel	Core I5	750s	All	All	All
Hardware	Intel	Core I5	760	All	All	All
Hardware	Intel	Core I5	8250u	All	All	All
Hardware	Intel	Core I5	8350u	All	All	All
Hardware	Intel	Core I5	8400	All	All	All
Hardware	Intel	Core I5	8600k	All	All	All
Hardware	Intel	Core I5	6200u	All	All	All
Hardware	Intel	Core I5	6260u	All	All	All
Hardware	Intel	Core I5	6267u	All	All	All
Hardware	Intel	Core I5	6287u	All	All	All
Hardware	Intel	Core I5	6300hq	All	All	All
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Hardware	Intel	Core I5	6442eq	All	All	All
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Hardware	Intel	Core I5	6500te	All	All	All
Hardware	Intel	Core I5	655k	All	All	All
Hardware	Intel	Core I5	6585r	All	All	All

Hardware	Intel	Core i5	660	All	All	All
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Hardware	Intel	Core i5	6600k	All	All	All
Hardware	Intel	Core i5	6600t	All	All	All
Hardware	Intel	Core i5	661	All	All	All
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Hardware	Intel	Core i5	8600k	All	All	All
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Hardware	Intel	Core i7	620lm	All	All	All
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Hardware	Intel	Core i7	620ue	All	All	All
Hardware	Intel	Core i7	620um	All	All	All
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Hardware	Intel	Core i7	680um	All	All	All
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Hardware	Intel	Xeon E3 1268I V5	-	All	All	All
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Hardware	Intel	Xeon E3 1505m V5	-	All	All	All
Hardware	Intel	Xeon E3 1505m V5	-	All	All	All

## References

Reference	Source	Link
Foreshadow: Breaking the Virtual Memory Abstraction with Transient Out-of-Order Execution	MISC	<a href="#">foreshadow</a>
Synology Inc.	CONFIRM	<a href="#">www.synology.com</a>
CERT Vulnerability Notes Database	CERT-VN	<a href="#">www.kb.cert.org</a>
Security Advisory - CPU Side Channel Vulnerability "L1TF"	CONFIRM	<a href="#">www.bhsw.com</a>

Security Advisory - CPU Side Channel Vulnerability - L1	CONFIRM	<a href="http://www.hp.com">www.hp.com</a>
Document Display   HPE Support Center	CONFIRM	<a href="http://support.hp.com">support.hp.com</a>
<a href="http://support.f5.com/csp/article/K35558453">support.f5.com/csp/article/K35558453</a>	CONFIRM	<a href="http://support.f5.com">support.f5.com</a>
[SECURITY] [DLA 1506-1] intel-microcode security update	MLIST	<a href="http://lists.debian.org">lists.debian.org</a>
L1 Terminal Fault	CONFIRM	<a href="http://software.intel.com">software.intel.com</a>
INTEL-SA-00161	CONFIRM	<a href="http://www.intel.com">www.intel.com</a>
<a href="http://cert-portal.siemens.com/productcert/pdf/ssa-608355.pdf">cert-portal.siemens.com/productcert/pdf/ssa-608355.pdf</a>	CONFIRM	<a href="http://cert-portal.siemens.com">cert-portal.siemens.com</a>
Security Advisory	CONFIRM	<a href="http://psirt.global">psirt.global</a>
CPU Side-Channel Information Disclosure Vulnerabilities: August 2018	CISCO	<a href="http://tools.cisco.com">tools.cisco.com</a>
<a href="http://cert-portal.siemens.com/productcert/pdf/ssa-254686.pdf">cert-portal.siemens.com/productcert/pdf/ssa-254686.pdf</a>	CONFIRM	<a href="http://cert-portal.siemens.com">cert-portal.siemens.com</a>
Intel CPUs Let Local Users Obtain or Infer Portions of L1 Cache Memory on the Target System - SecurityTracker	SECTRACK	<a href="http://www.securitytracker.com">www.securitytracker.com</a>
Multiple Intel Processors Side Channel Attack Multiple Information Disclosure Vulnerabilities	BID	<a href="http://www.securityadvisories.com">www.securityadvisories.com</a>
Intel SA-00161 L1 Terminal Fault Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="http://security.netapp.com">security.netapp.com</a>
L1 Terminal Fault Side Channel Vulnerabilities - US	CONFIRM	<a href="http://support.lenovo.com">support.lenovo.com</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

#### Legacy QID Mappings

[590937](#) Siemens SIMATIC WinAC RTX (F) 2010 Multiple Vulnerabilities (ssa-608355)

[591418](#) Siemens Foreshadow / L1 Terminal Fault Multiple Vulnerabilities (SSA-254686)

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