



# CVE-2021-33060

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

## Summary

<b>CVE</b>	CVE-2021-33060
<b>State</b>	PUBLIC
<b>Assigner</b>	secure@intel.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-08-18 20:15:00 UTC
<b>Updated</b>	2022-10-29 02:52:00 UTC
<b>Description</b>	Out-of-bounds write in the BIOS firmware for some Intel(R) Processors may allow an authenticated user to potentially enab

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Gold 5315y</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Gold 5315y Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Gold 5317</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Gold 5317 Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Gold 5318h</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Gold 5318h Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Gold 5318n</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Gold 5318n Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Gold 5318s</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Gold 5318s Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Gold 5318y</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Gold 5318y Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Gold 5320</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Gold 5320h</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Gold 5320h Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Gold 5320t</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Gold 5320t Firmware</a>	-	All	All	All

Operating System	Intel	Xeon Gold 5320 Firmware	-	All	All	All
Hardware	Intel	Xeon Gold 6312u	-	All	All	All
Operating System	Intel	Xeon Gold 6312u Firmware	-	All	All	All
Hardware	Intel	Xeon Gold 6314u	-	All	All	All
Operating System	Intel	Xeon Gold 6314u Firmware	-	All	All	All
Hardware	Intel	Xeon Gold 6326	-	All	All	All
Operating System	Intel	Xeon Gold 6326 Firmware	-	All	All	All
Hardware	Intel	Xeon Gold 6328h	-	All	All	All
Hardware	Intel	Xeon Gold 6328hl	-	All	All	All
Operating System	Intel	Xeon Gold 6328hl Firmware	-	All	All	All
Operating System	Intel	Xeon Gold 6328h Firmware	-	All	All	All
Hardware	Intel	Xeon Gold 6330	-	All	All	All
Hardware	Intel	Xeon Gold 6330h	-	All	All	All
Operating System	Intel	Xeon Gold 6330h Firmware	-	All	All	All
Hardware	Intel	Xeon Gold 6330n	-	All	All	All
Operating System	Intel	Xeon Gold 6330n Firmware	-	All	All	All
Operating System	Intel	Xeon Gold 6330 Firmware	-	All	All	All
Hardware	Intel	Xeon Gold 6334	-	All	All	All
Operating System	Intel	Xeon Gold 6334 Firmware	-	All	All	All
Hardware	Intel	Xeon Gold 6336y	-	All	All	All
Operating System	Intel	Xeon Gold 6336y Firmware	-	All	All	All
Hardware	Intel	Xeon Gold 6338	-	All	All	All
Hardware	Intel	Xeon Gold 6338n	-	All	All	All
Operating System	Intel	Xeon Gold 6338n Firmware	-	All	All	All
Hardware	Intel	Xeon Gold 6338t	-	All	All	All
Operating System	Intel	Xeon Gold 6338t Firmware	-	All	All	All
Operating System	Intel	Xeon Gold 6338 Firmware	-	All	All	All
Hardware	Intel	Xeon Gold 6342	-	All	All	All
Operating System	Intel	Xeon Gold 6342 Firmware	-	All	All	All
Hardware	Intel	Xeon Gold 6346	-	All	All	All
Operating System	Intel	Xeon Gold 6346 Firmware	-	All	All	All
Hardware	Intel	Xeon Gold 6348	-	All	All	All
Hardware	Intel	Xeon Gold 6348h	-	All	All	All
Operating System	Intel	Xeon Gold 6348h Firmware	-	All	All	All
Operating System	Intel	Xeon Gold 6348 Firmware	-	All	All	All

Hardware	<a href="#">Intel</a>	<a href="#">Xeon Gold 6354</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Gold 6354 Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8351n</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8351n Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8352m</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8352m Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8352s</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8352s Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8352v</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8352v Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8352y</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8352y Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8353h</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8353h Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8354h</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8354h Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8356h</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8356h Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8358</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8358p</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8358p Firmware</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8358 Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8360h</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8360hl</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8360hl Firmware</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8360h Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8360y</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8360y Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8362</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8362 Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8368</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8368q</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8368q Firmware</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8368 Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8376h</a>	-	All	All	All

Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8376hl</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8376hl Firmware</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8376h Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8380</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8380h</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8380hl</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8380hl Firmware</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8380h Firmware</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Platinum 8380 Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Silver 4309y</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Silver 4309y Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Silver 4310</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Silver 4310t</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Silver 4310t Firmware</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Silver 4310 Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Silver 4314</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Silver 4314 Firmware</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Xeon Silver 4316</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Xeon Silver 4316 Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">Aff A200</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Aff A200 Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">Aff A220</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Aff A220 Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">Aff A250</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Aff A250 Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">Aff A300</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Aff A300 Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">Aff A320</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Aff A320 Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">Aff A400</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Aff A400 Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">Aff A700</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">Aff A700s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Aff A700s Firmware</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Aff A700 Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">Aff A800</a>	-	All	All	All

Operating System	Netapp	Aff A800 Firmware	-	All	All	All
Hardware	Netapp	Aff A900	-	All	All	All
Operating System	Netapp	Aff A900 Firmware	-	All	All	All
Hardware	Netapp	Aff C190	-	All	All	All
Operating System	Netapp	Aff C190 Firmware	-	All	All	All
Hardware	Netapp	Fas2600	-	All	All	All
Operating System	Netapp	Fas2600 Firmware	-	All	All	All
Hardware	Netapp	Fas2700	-	All	All	All
Operating System	Netapp	Fas2700 Firmware	-	All	All	All
Hardware	Netapp	Fas500f	-	All	All	All
Operating System	Netapp	Fas500f Firmware	-	All	All	All
Hardware	Netapp	Fas8200	-	All	All	All
Operating System	Netapp	Fas8200 Firmware	-	All	All	All
Hardware	Netapp	Fas8300	-	All	All	All
Operating System	Netapp	Fas8300 Firmware	-	All	All	All
Hardware	Netapp	Fas8700	-	All	All	All
Operating System	Netapp	Fas8700 Firmware	-	All	All	All
Hardware	Netapp	Fas9000	-	All	All	All
Operating System	Netapp	Fas9000 Firmware	-	All	All	All
Hardware	Netapp	Fas9500	-	All	All	All
Operating System	Netapp	Fas9500 Firmware	-	All	All	All

## References

Reference	Source	Link	Tags
INTEL-SA-00686	MISC	<a href="http://www.intel.com">www.intel.com</a>	
CVE-2021-33060 Intel BIOS Firmware Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	cano
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	cano

No vendor comments have been submitted for this CVE.

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

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](https://status.cve.report)**