



# CVE-2016-4331

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

## Summary

<b>CVE</b>	CVE-2016-4331
<b>State</b>	PUBLIC
<b>Assigner</b>	cert@cert.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2016-11-18 20:59:00 UTC
<b>Updated</b>	2017-11-04 01:29:00 UTC
<b>Description</b>	When decoding data out of a dataset encoded with the H5Z_NBIT decoding, the HDF5 1.8.16 library will fail to ensure that

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Hdfgroup</a>	<a href="#">Hdf5</a>	1.8.16	All	All	All
Application	<a href="#">Hdfgroup</a>	<a href="#">Hdf5</a>	1.8.16	All	All	All

## References

Reference	Source	Link	Tags
Cisco Talos - Talos 2016 0177	MISC	<a href="http://www.talosintelligence.com">www.talosintelligence.com</a>	Exploit, Technical Description
HDF5: Multiple vulnerabilities (GLSA 201701-13) — Gentoo security	GENTOO	<a href="http://security.gentoo.org">security.gentoo.org</a>	
HDF5 CVE-2016-4331 Local Heap Buffer Overflow Vulnerability	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	
Debian -- Security Information -- DSA-3727-1 hdf5	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[710480](#) Gentoo Linux HDF5 Multiple Vulnerabilities (GLSA 201701-13)

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