



# CVE-2017-14316

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

## Summary

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2017-14316                                                                                                             |
| <b>State</b>           | PUBLIC                                                                                                                     |
| <b>Assigner</b>        | cve@mitre.org                                                                                                              |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                               |
| <b>Published</b>       | 2017-09-12 15:29:00 UTC                                                                                                    |
| <b>Updated</b>         | 2018-10-19 10:29:00 UTC                                                                                                    |
| <b>Description</b>     | A parameter verification issue was discovered in Xen through 4.9.x. The function `alloc_heap_pages` allows callers to spec |

## Risk And Classification

### Problem Types: CWE-125

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor | Product | Version | Update | Edition | Language |
|------------------|--------|---------|---------|--------|---------|----------|
| Operating System | Xen    | Xen     | All     | All    | All     | All      |

## References

| Reference                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------|
| Citrix XenServer Multiple Security Updates                                                                                             |
| Xen CVE-2017-14316 Arbitrary Code Execution Vulnerability                                                                              |
| Xen NUMA Node Parameter Validation Flaw Lets Local Users on a Guest System Gain Elevated Privileges on the Host System - SecurityTrack |
| [SECURITY] [DLA 1549-1] xen security update                                                                                            |
| XSA-231 - Xen Security Advisories                                                                                                      |
| Debian -- Security Information -- DSA-4050-1 xen                                                                                       |
| CVE Program record                                                                                                                     |
| NVD vulnerability detail                                                                                                               |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[500818](#) Alpine Linux Security Update for xen

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