



# CVE-2021-4032

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

## Summary

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2021-4032                                                                                                              |
| <b>State</b>           | PUBLIC                                                                                                                     |
| <b>Assigner</b>        | secalert@redhat.com                                                                                                        |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                               |
| <b>Published</b>       | 2022-01-21 19:15:00 UTC                                                                                                    |
| <b>Updated</b>         | 2022-01-28 14:52:00 UTC                                                                                                    |
| <b>Description</b>     | A vulnerability was found in the Linux kernel's KVM subsystem in arch/x86/kvm/lapic.c kvm_free_lapic when a failure alloca |

## Risk And Classification

### Problem Types: CWE-459

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                | Product                      | Version | Update | Edition | Language |
|------------------|-----------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 5.15    | -      | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 5.15    | rc1    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 5.15    | rc2    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 5.15    | rc3    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 5.15    | rc4    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 5.15    | rc5    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 5.15    | rc6    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | All     | All    | All     | All      |

## References

| Reference                                                                                                                 | Source |
|---------------------------------------------------------------------------------------------------------------------------|--------|
| LKML: Steven Rostedt: Re: WARNING in __static_key_slow_dec_deferred                                                       | MISC   |
| 2027403 – (CVE-2021-4032) CVE-2021-4032 kernel: kvm: mishandling of memory error during VCPU construction can lead to DoS | MISC   |
| kernel/git/torvalds/linux.git - Linux kernel source tree                                                                  | MISC   |
| CVE Program record                                                                                                        | CVE.O  |
| NVD vulnerability detail                                                                                                  | NVD    |

No vendor comments have been submitted for this CVE.

#### Legacy QID Mappings

[900616](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (8323)

[905798](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (8323-1)

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