



# CVE-2014-8481

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

## Summary

|                        |                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2014-8481                                                                                                            |
| <b>State</b>           | PUBLIC                                                                                                                   |
| <b>Assigner</b>        | cve@mitre.org                                                                                                            |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                             |
| <b>Published</b>       | 2014-11-10 11:55:00 UTC                                                                                                  |
| <b>Updated</b>         | 2023-11-07 02:22:00 UTC                                                                                                  |
| <b>Description</b>     | The instruction decoder in arch/x86/kvm/emulate.c in the KVM subsystem in the Linux kernel before 3.18-rc2 does not prop |

## Risk And Classification

### Problem Types: CWE-399

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor | Product      | Version | Update | Edition | Language |
|------------------|--------|--------------|---------|--------|---------|----------|
| Operating System | Linux  | Linux Kernel | All     | rc1    | All     | All      |

## References

| Reference                                                                                                                    | Source  |
|------------------------------------------------------------------------------------------------------------------------------|---------|
| kernel/git/torvalds/linux.git - Linux kernel source tree                                                                     |         |
| thread.gmane.org   522: Connection timed out                                                                                 | MLIST   |
| Security Advisory SA62042 - Linux Kernel KVM Instruction Decoding Failure Handling Denial of Service Vulnerability - Secunia | SECUNIA |
| Bug 1156615 – CVE-2014-8480 CVE-2014-8481 kernel: kvm: NULL pointer dereference during rip relative instruction emulation    | CONFIRM |
| oss-security - CVE Request: Linux 3.17 guest-triggerable KVM OOPS                                                            | MLIST   |
| KVM: emulate: avoid accessing NULL ctxt->memopp · torvalds/linux@a430c91 · GitHub                                            | CONFIRM |
| kernel/git/torvalds/linux.git - Linux kernel source tree                                                                     | CONFIRM |
| CVE Program record                                                                                                           | CVE.ORG |
| NVD vulnerability detail                                                                                                     | NVD     |

No vendor comments have been submitted for this CVE.

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

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