



CVE-2019-18960

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2019-18960 |
| State | PUBLIC |
| Assigner | cve@mitre.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2019-12-11 13:15:00 UTC |
| Updated | 2022-09-13 21:25:00 UTC |
| Description | Firecracker vsock implementation buffer overflow in versions 0.18.0 and 0.19.0. This can result in potentially exploitable crashes. |

Risk And Classification

Problem Types: CWE-120

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|-------------|------------------------|-----------------------------|---------|--------|---------|----------|
| Application | Amazon | Firecracker | 0.18.0 | All | All | All |
| Application | Amazon | Firecracker | 0.19.0 | All | All | All |
| Application | Amazon | Firecracker | 0.18.0 | All | All | All |
| Application | Amazon | Firecracker | 0.19.0 | All | All | All |

References

| Reference |
|--|
| Release Firecracker v0.19.1 · firecracker-microvm/firecracker · GitHub |
| Release Firecracker v0.18.1 · firecracker-microvm/firecracker · GitHub |
| Releases · firecracker-microvm/firecracker · GitHub |
| Firecracker vsock implementation buffer overflow in versions v0.18.0 and v0.19.0 that can result in potentially exploitable crashes. · Issue #141 · firecracker-microvm/firecracker · GitHub |
| oss-security - CVE-2019-18960: Firecracker v0.18.0 and v0.19.0 vsock buffer overflow |
| oss-security - Re: CVE-2019-18960: Firecracker v0.18.0 and v0.19.0 vsock buffer overflow |
| CVE Program record |
| NVD vulnerability detail |

No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, 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](#)