



# CVE-2020-27174

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## Summary

<b>CVE</b>	CVE-2020-27174
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-10-16 05:15:00 UTC
<b>Updated</b>	2021-07-21 11:39:00 UTC
<b>Description</b>	In Amazon AWS Firecracker before 0.21.3, and 0.22.x before 0.22.1, the serial console buffer can grow its memory usage v

## Risk And Classification

**Problem Types:** CWE-401

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Amazon</a>	<a href="#">Firecracker</a>	All	All	All	All
Application	<a href="#">Amazon</a>	<a href="#">Firecracker</a>	All	All	All	All

## References

### Reference

- [v0.22.1] Fix serial memory allocation issue. by sandreim · Pull Request #2179 · firecracker-microvm/firecracker · GitHub
- [v0.21.3] Fix serial memory allocation issue by sandreim · Pull Request #2178 · firecracker-microvm/firecracker · GitHub
- oss-security - CVE-2020-27174: Firecracker serial console emulation may allocate an unbounded amount of memory
- Firecracker serial console emulation may allocate an unbounded amount of memory · Issue #2177 · firecracker-microvm/firecracker · GitHub
- 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.

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