



# CVE-2018-20699

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

## Summary

<b>CVE</b>	CVE-2018-20699
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-01-12 02:29:00 UTC
<b>Updated</b>	2019-03-14 18:13:00 UTC
<b>Description</b>	Docker Engine before 18.09 allows attackers to cause a denial of service (dockerd memory consumption) via a large integer

## Risk And Classification

**Problem Types:** CWE-400

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Docker</a>	<a href="#">Engine</a>	All	All	All	All
Application	<a href="#">Docker</a>	<a href="#">Engine</a>	All	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server</a>	7.0	All	All	All

## References

### Reference

- Fix denial of service with large numbers in cpuset-cpus and cpuset-mems by thaJeztah · Pull Request #37967 · moby/moby · GitHub
- Red Hat Customer Portal - Access to 24x7 support and knowledge
- [18.09] backport fix denial of service with large numbers in cpuset-cpus and cpuset-mems by thaJeztah · Pull Request #70 · docker/engine · GitHub
- CVE Program record
- NVD vulnerability detail

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[353055](#) Amazon Linux Security Advisory for docker : ALAS2NITRO-ENCLAVES-2021-003

© [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](#)