



# CVE-2019-19331

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

## Summary

<b>CVE</b>	CVE-2019-19331
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-12-16 16:15:00 UTC
<b>Updated</b>	2019-12-17 14:14:00 UTC
<b>Description</b>	knot-resolver before version 4.3.0 is vulnerable to denial of service through high CPU utilization. DNS replies with very man

## Risk And Classification

**Problem Types:** CWE-404

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Application	<a href="#">Nic</a>	<a href="#">Knot Resolver</a>	All	All	All	All
Application	<a href="#">Nic</a>	<a href="#">Knot Resolver</a>	All	All	All	All

## References

### Reference

- [1779566 – \(CVE-2019-19331\) CVE-2019-19331 knot-resolver: DNS packets taking few seconds to process with full CPU utilization leads to D](#)
- [Knot Resolver 4.3.0 released – Knot Resolver](#)
- [CVE Program record](#)
- [NVD vulnerability detail](#)

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[501028](#) Alpine Linux Security Update for knot-resolver

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