



# CVE-2018-5745

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2018-5745   |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | security-officer@isc.org  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2019-10-09 16:15:00 UTC   |
| <b>Updated</b>         | 2019-11-06 01:15:00 UTC   |
| <b>Description</b>     | "managed-keys" is a feature which allows a BIND resolver to automatically maintain the keys used by trust anchors which c |

## Risk And Classification

**Problem Types:** CWE-327

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor | Product | Version | Update | Edition | Language |
|-------------|--------|---------|---------|--------|---------|----------|
| Application | isc    | Bind    | 9.10.7  | -      | All     | All      |
| Application | isc    | Bind    | 9.10.8  | p1     | All     | All      |
| Application | isc    | Bind    | 9.11.5  | -      | All     | All      |
| Application | isc    | Bind    | 9.11.5  | p1     | All     | All      |
| Application | isc    | Bind    | 9.11.5  | s3     | All     | All      |
| Application | isc    | Bind    | 9.12.3  | -      | All     | All      |
| Application | isc    | Bind    | 9.12.3  | p1     | All     | All      |
| Application | isc    | Bind    | 9.9.3   | s1     | All     | All      |
| Application | isc    | Bind    | 9.10.7  | -      | All     | All      |
| Application | isc    | Bind    | 9.10.8  | p1     | All     | All      |
| Application | isc    | Bind    | 9.11.5  | -      | All     | All      |
| Application | isc    | Bind    | 9.11.5  | p1     | All     | All      |
| Application | isc    | Bind    | 9.11.5  | s3     | All     | All      |
| Application | isc    | Bind    | 9.12.3  | -      | All     | All      |
| Application | isc    | Bind    | 9.12.3  | p1     | All     | All      |
| Application | isc    | Bind    | 9.9.3   | s1     | All     | All      |
| Application | isc    | Bind    | All     | All    | All     | All      |

|             |                     |                      |     |     |     |     |
|-------------|---------------------|----------------------|-----|-----|-----|-----|
| Application | <a href="#">lsc</a> | <a href="#">Bind</a> | All | All | All | All |
| Application | <a href="#">lsc</a> | <a href="#">Bind</a> | All | All | All | All |
| Application | <a href="#">lsc</a> | <a href="#">Bind</a> | All | All | All | All |

## References

### Reference

Red Hat Customer Portal

CVE-2018-5745: An assertion failure can occur if a trust anchor rolls over to an unsupported key algorithm when using managed-keys - Secur

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[296087](#) Oracle Solaris 11.4 Support Repository Update (SRU) 8.1.5 Missing (CPUAPR2019)

[377284](#) Alibaba Cloud Linux Security Update for bind (ALINUX2-SA-2020:0083)

[500052](#) Alpine Linux Security Update for bind

[503733](#) Alpine Linux Security Update for bind

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