



# CVE-2022-0543

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

## Summary

<b>CVE</b>	CVE-2022-0543
<b>State</b>	PUBLIC
<b>Assigner</b>	security@debian.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-02-18 20:15:00 UTC
<b>Updated</b>	2023-09-29 15:55:00 UTC
<b>Description</b>	It was discovered, that redis, a persistent key-value database, due to a packaging issue, is prone to a (Debian-specific) Lua

## Risk And Classification

**EPSS:** 0.943980000 probability, percentile 0.999760000 (date 2026-04-01)

**CISA KEV:** Listed on 2022-03-28; due 2022-04-18; ransomware use Unknown

**Problem Types:** CWE-862

## CISA Known Exploited Vulnerability

<b>Vendor</b>	Redis
<b>Product</b>	Debian-specific Redis Servers
<b>Name</b>	Debian-specific Redis Server Lua Sandbox Escape Vulnerability
<b>Required Action</b>	Apply updates per vendor instructions.
<b>Notes</b>	<a href="https://nvd.nist.gov/vuln/detail/CVE-2022-0543">https://nvd.nist.gov/vuln/detail/CVE-2022-0543</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	20.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	21.10	All	All	All
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>	11.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
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>	11.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All

Application	Redis	Redis	-	All	All	All
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References			
Reference	Source	Link	Tags
Redis Lua Sandbox Escape ≈ Packet Storm	MISC	<a href="https://packetstormsecurity.com">packetstormsecurity.com</a>	
#1005787 - redis: CVE-2022-0543 - Debian Bug report logs	MISC	<a href="https://bugs.debian.org">bugs.debian.org</a>	
Nothing here yet	MISC	<a href="https://www.ubercomp.com">www.ubercomp.com</a>	
[SECURITY] [DSA 5081-1] redis security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
CVE-2022-0543 Redis Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	
Debian -- Security Information -- DSA-5081-1 redis	DEBIAN	<a href="https://www.debian.org">www.debian.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analy
CISA Known Exploited Vulnerabilities catalog	CISA	<a href="https://www.cisa.gov">www.cisa.gov</a>	kev

  

No vendor comments have been submitted for this CVE.

  

Legacy QID Mappings	
<a href="#">179086</a>	Debian Security Update for redis (DSA 5081-1)
<a href="#">182960</a>	Debian Security Update for redis (CVE-2022-0543)
<a href="#">198692</a>	Ubuntu Security Notification for Redis Vulnerability (USN-5316-1)
<a href="#">730590</a>	Redis Sandbox Escape Remote Code Execution (RCE) Vulnerability

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