



# BusyBox DHCPv6 Client Heap Buffer Overflow via DNS\_SERVERS

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

## Summary

<b>CVE</b>	CVE-2026-29004
<b>State</b>	PUBLISHED
<b>Assigner</b>	VulnCheck
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-04 18:16:26 UTC
<b>Updated</b>	2026-05-06 14:16:07 UTC
<b>Description</b>	BusyBox before commit 42202bf contains a heap buffer overflow vulnerability in the DHCPv6 client (udhcp6) DNS_SERVERS

## Risk And Classification

**Primary CVSS:** v4.0 7.2 HIGH from disclosure@vulncheck.com

CVSS:4.0/AV:A/AC:L/AT:N/PR:N/UI:N/VC:N/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

**EPSS:** 0.000120000 probability, percentile 0.016210000 (date 2026-05-05)

**Problem Types:** CWE-122 | CWE-122 CWE-122: Heap-based Buffer Overflow

Version	Source	Type	Score	Severity	Vector
4.0	disclosure@vulncheck.com	Secondary	7.2	HIGH	CVSS:4.0/AV:A/AC:L/AT:N/PR:N/UI:N/VC:N/VI:H/VA:H/SC:N/SI:N/SA:N
4.0	CNA	CVSS	7.2	HIGH	CVSS:4.0/AV:A/AC:L/AT:N/PR:N/UI:N/VC:N/VI:H/VA:H/SC:N/SI:N/SA:N
3.1	disclosure@vulncheck.com	Secondary	8.1	HIGH	CVSS:3.1/AV:A/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:H
3.1	CNA	CVSS	8.1	HIGH	CVSS:3.1/AV:A/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:H

## CVSS v4.0 Breakdown

Attack Vector

Adjacent

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

None

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:A/AC:L/AT:N/PR:N/UI:N/VC:N/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

### CVSS v3.1 Breakdown

Attack Vector

Adjacent

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

High

Availability

High

CVSS:3.1/AV:A/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:H

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Vda-linux	Busybox Mirror	affected 42202bfb1e6ac51fa995beda8be4d7b654ae2a git	Not specified

### References

Reference	Source	Link
busybox.net	disclosure@vulncheck.com	<a href="#">busybox.net</a>
github.com/vda-linux/busybox_mirror/commit/d368f3f7836d1c2484c8f839316e5...	disclosure@vulncheck.com	<a href="#">github.com</a>
github.com/vda-linux/busybox_mirror/commit/42202bfb1e6ac51fa995beda8be4d...	disclosure@vulncheck.com	<a href="#">github.com</a>
www.vulncheck.com/advisories/busybox-dhcpv6-client-heap-buffer-overflow-via-dns...	disclosure@vulncheck.com	<a href="#">www.vulncheck.com</a>
y637f9qq2x.com/posts/busybox-dhcpv6-heap-overflow	disclosure@vulncheck.com	<a href="#">y637f9qq2x.com</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>

### Vendor Comments And Credit

#### Discovery Credit

**CNA:** Kazuma Matsumoto, a security researcher at GMO Cybersecurity by IERAE, Inc. (en)

**CNA:** VulnCheck (en)

There are currently no legacy QID mappings associated with this CVE.

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