



# VMware vCenter Server Out-of-Bounds Write Vulnerability

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

## Summary

<b>CVE</b>	CVE-2023-34048
<b>State</b>	PUBLIC
<b>Assigner</b>	security@vmware.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-10-25 18:17:00 UTC
<b>Updated</b>	2023-10-31 15:18:00 UTC
<b>Description</b>	vCenter Server contains an out-of-bounds write vulnerability in the implementation of the DCERPC protocol. A malicious ac

## Risk And Classification

**EPSS:** 0.932130000 probability, percentile 0.998020000 (date 2026-04-16)

**CISA KEV:** Listed on 2024-01-22; due 2024-02-12; ransomware use Unknown

**Problem Types:** CWE-787

## CISA Known Exploited Vulnerability

<b>Vendor</b>	VMware
<b>Product</b>	vCenter Server
<b>Name</b>	VMware vCenter Server Out-of-Bounds Write Vulnerability
<b>Required Action</b>	Apply mitigations per vendor instructions or discontinue use of the product if mitigations are unavailable.
<b>Notes</b>	<a href="https://www.vmware.com/security/advisories/VMSA-2023-0023.html">https://www.vmware.com/security/advisories/VMSA-2023-0023.html</a> ; <a href="https://nvd.nist.gov/vuln/detail/CVE-2023-34048">https://nvd.nist.gov/vuln/detail/CVE-2023-34048</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	VMware	Vcenter Server	7.0	-	All	All
Application	VMware	Vcenter Server	7.0	a	All	All
Application	VMware	Vcenter Server	7.0	b	All	All
Application	VMware	Vcenter Server	7.0	c	All	All
Application	VMware	Vcenter Server	7.0	d	All	All
Application	VMware	Vcenter Server	7.0	update1	All	All

Application	Vmware	Vcenter Server	7.0	update1a	All	All
Application	Vmware	Vcenter Server	7.0	update1c	All	All
Application	Vmware	Vcenter Server	7.0	update1d	All	All
Application	Vmware	Vcenter Server	7.0	update2	All	All
Application	Vmware	Vcenter Server	7.0	update2a	All	All
Application	Vmware	Vcenter Server	7.0	update2b	All	All
Application	Vmware	Vcenter Server	7.0	update2c	All	All
Application	Vmware	Vcenter Server	7.0	update2d	All	All
Application	Vmware	Vcenter Server	7.0	update3	All	All
Application	Vmware	Vcenter Server	7.0	update3a	All	All
Application	Vmware	Vcenter Server	7.0	update3c	All	All
Application	Vmware	Vcenter Server	7.0	update3d	All	All
Application	Vmware	Vcenter Server	7.0	update3e	All	All
Application	Vmware	Vcenter Server	7.0	update3f	All	All
Application	Vmware	Vcenter Server	7.0	update3g	All	All
Application	Vmware	Vcenter Server	7.0	update3h	All	All
Application	Vmware	Vcenter Server	7.0	update3i	All	All
Application	Vmware	Vcenter Server	7.0	update3j	All	All
Application	Vmware	Vcenter Server	7.0	update3k	All	All
Application	Vmware	Vcenter Server	7.0	update3l	All	All
Application	Vmware	Vcenter Server	7.0	update3m	All	All
Application	Vmware	Vcenter Server	7.0	update3n	All	All
Application	Vmware	Vcenter Server	8.0	-	All	All
Application	Vmware	Vcenter Server	8.0	a	All	All
Application	Vmware	Vcenter Server	8.0	b	All	All
Application	Vmware	Vcenter Server	8.0	c	All	All
Application	Vmware	Vcenter Server	8.0	update1	All	All
Application	Vmware	Vcenter Server	8.0	update1a	All	All
Application	Vmware	Vcenter Server	8.0	update1b	All	All
Application	Vmware	Vcenter Server	8.0	update1c	All	All
Application	Vmware	Vcenter Server	All	All	All	All

## References

Reference	Source	Link	Tags
VMSA-2023-0023	MISC	<a href="http://www.vmware.com">www.vmware.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical

NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis
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

[216315](#) VMware vCenter Server 8.0 Update 8.0 U1d (VMSA-2023-0023)

[216316](#) VMware vCenter Server 8.0 Update 8.0 U2 (VMSA-2023-0023)

[216317](#) VMware vCenter Server 7.0 Update 7.0 U3o (VMSA-2023-0023)

[216318](#) VMware vCenter Server 6.7 Update 6.7U3T (VMSA-2023-0023)

[216319](#) VMware vCenter Server 6.5 Update 6.5U3V (VMSA-2023-0023)

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