



CVE-2024-7593

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2024-7593
State	PUBLISHED
Assigner	ivanti
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-08-13 19:15:16 UTC
Updated	2026-05-14 19:36:21 UTC
Description	Incorrect implementation of an authentication algorithm in Ivanti vTM other than versions 22.2R1 or 22.7R2 allows a remote

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from nvd@nist.gov

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

EPSS: 0.944360000 probability, percentile 0.999880000 (date 2026-05-14)

CISA KEV: Listed on 2024-09-24; due 2024-10-15; ransomware use Unknown

Problem Types: CWE-287 | CWE-303 | CWE-287 CWE-287 Improper Authentication | CWE-303 CWE-303 Incorrect Implementation of Authentication Algorithm

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	3c1d8aa1-5a33-4ea4-8992-aadd6440af75	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

CISA Known Exploited Vulnerability

Vendor	Ivanti
Product	Virtual Traffic Manager
Name	Ivanti Virtual Traffic Manager Authentication Bypass Vulnerability
Required Action	Apply mitigations per vendor instructions or discontinue use of the product if mitigations are unavailable.
Notes	https://forums.ivanti.com/s/article/Security-Advisory-Ivanti-Virtual-Traffic-Manager-vTM-CVE-2024-7593 ; https://nvd.nist.gov/vuln/detail/CVE-2024-7593

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ivanti	Virtual Traffic Manager	22.2	All	All	All
Application	Ivanti	Virtual Traffic Manager	22.3	-	All	All
Application	Ivanti	Virtual Traffic Manager	22.3	r2	All	All
Application	Ivanti	Virtual Traffic Manager	22.5	r1	All	All
Application	Ivanti	Virtual Traffic Manager	22.6	r1	All	All
Application	Ivanti	Virtual Traffic Manager	22.7	r1	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Ivanti	VTM	unaffected 22.7R2 custom	Not specified
CNA	Ivanti	VTM	unaffected 22.2R1 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.7r1 22.7r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.2 22.2r1 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.3 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.3r2 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.6r1 22.6r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.5r1 22.5r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.7r1 22.7r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.2 22.2r1 custom	Not specified

ADP	Ivanti	Virtual Traffic Manager	affected 22.3 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.3r2 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.6r1 22.6r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.5r1 22.5r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.7r1 22.7r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.2 22.2r1 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.3 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.3r2 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.6r1 22.6r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.5r1 22.5r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.7r1 22.7r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.2 22.2r1 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.3 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.3r2 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.6r1 22.6r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.5r1 22.5r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.7r1 22.7r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.2 22.2r1 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.3 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.3r2 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.6r1 22.6r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.5r1 22.5r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.7r1 22.7r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.2 22.2r1 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.3 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.3r2 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.6r1 22.6r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.5r1 22.5r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.7r1 22.7r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.2 22.2r1 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.3 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.3r2 22.3r3 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.6r1 22.6r2 custom	Not specified
ADP	Ivanti	Virtual Traffic Manager	affected 22.5r1 22.5r2 custom	Not specified

References

Reference	Source	Link
www.cisa.gov/known-exploited-vulnerabilities-catalog	134c704f-9b21-4f2e-91b3-4a467353bcc0	www.cisa.gov
forums.ivanti.com/s/article/Security-Advisory-Ivanti-Virtual-Traffic-Manager-vT...	3c1d8aa1-5a33-4ea4-8992-aadd6440af75	forums.ivanti.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov

No vendor comments have been submitted for this CVE.

Additional Advisory Data

Source	Time	Event
ADP	2024-09-24T00:00:00.000Z	CVE-2024-7593 added to CISA KEV

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

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