



# BIG-IP DNS tmsh vulnerability

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

## Summary

<b>CVE</b>	CVE-2026-42408
<b>State</b>	PUBLISHED
<b>Assigner</b>	f5
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-13 16:16:47 UTC
<b>Updated</b>	2026-05-13 16:27:11 UTC
<b>Description</b>	When BIG-IP DNS is provisioned, a vulnerability exists in an undisclosed TMOS Shell (tmsh) command that may allow a hi

## Risk And Classification

**Primary CVSS:** v4.0 6.7 MEDIUM from f5sirt@f5.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:H/VI:N/VA:N/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:** 0.000140000 probability, percentile 0.028460000 (date 2026-05-16)

**Problem Types:** CWE-312 | CWE-312 CWE-312 Cleartext Storage of Sensitive Information

Version	Source	Type	Score	Severity	Vector
4.0	f5sirt@f5.com	Secondary	6.7	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:H/VI:N/VA:N/SC:N/SI:N/SA:N/E:X/C...
4.0	CNA	CVSS	6.7	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:H/VI:N/VA:N/SC:N/SI:N/SA:N
3.1	f5sirt@f5.com	Primary	4.4	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:N/A:N
3.1	CNA	CVSS	4.4	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:N/A:N

## CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

High

User Interaction

None

Confidentiality

High

Integrity

None

Availability

None

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:H/VI:N/VA:N/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

Local

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	F5	BIG-IP	unaffected 21.0.0 * custom	Not specified
CNA	F5	BIG-IP	affected 17.5.0 17.5.1.4 custom	Not specified
CNA	F5	BIG-IP	affected 17.1.0 17.1.3.1 custom	Not specified
CNA	F5	BIG-IP	affected 16.1.0 * custom	Not specified

## References

Reference	Source	Link	Tags
<a href="https://my.f5.com/manage/s/article/K000157981">my.f5.com/manage/s/article/K000157981</a>	f5sirt@f5.com	<a href="https://my.f5.com">my.f5.com</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, analysis

## Vendor Comments And Credit

Discovery Credit

**CNA: F5** (en)

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

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