



# Nmap 7.70 Denial of Service via XML Entity Expansion

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2018-25282   |
| <b>State</b>           | PUBLISHED  |
| <b>Assigner</b>        | VulnCheck  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2026-04-26 22:17:28 UTC  |
| <b>Updated</b>         | 2026-04-26 22:17:28 UTC  |
| <b>Description</b>     | Nmap 7.70 contains a denial of service vulnerability that allows local attackers to crash the application by processing malicious XML input. |

## Risk And Classification

**Primary CVSS:** v4.0 6.9 MEDIUM from disclosure@vulncheck.com

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

**Problem Types:** CWE-674 | CWE-674 Uncontrolled Recursion

| Version | Source                   | Type      | Score | Severity | Vector   |
|---------|--------------------------|-----------|-------|----------|--|
| 4.0     | disclosure@vulncheck.com | Secondary | 6.9   | MEDIUM   | CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/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 |
| 4.0     | CNA                      | CVSS      | 6.9   | MEDIUM   | CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/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 |
| 3.1     | disclosure@vulncheck.com | Primary   | 6.2   | MEDIUM   | CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H   |
| 3.1     | CNA                      | CVSS      | 6.2   | MEDIUM   | CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H   |

## CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

None

Integrity

None

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

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

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

### Vendor Declared Affected Products

| Source | Vendor | Product | Version       | Platforms     |
|--------|--------|---------|---------------|---------------|
| CNA    | ZenMap | ZenMap  | affected 7.70 | Not specified |

### References

| Reference                         | Source                   | Link  | Tags |
|-----------------------------------|--------------------------|---|------|
| nmap.org/dist/nmap-7.70-setup.exe | disclosure@vulncheck.com | <a href="https://nmap.org">nmap.org</a>                     |      |
| www.exploit-db.com/exploits/45357 | disclosure@vulncheck.com | <a href="https://www.exploit-db.com">www.exploit-db.com</a> |      |

|  |                          |  |       |
|--|--------------------------|--|-------|
| www.vulncheck.com/advisories/nmap-denial-of-service-via-xml-entity-expansion | disclosure@vulncheck.com | <a href="http://www.vulncheck.com">www.vulncheck.com</a> |       |
| CVE Program record   | CVE.ORG                  | <a href="http://www.cve.org">www.cve.org</a>             | canon |
| NVD vulnerability detail   | NVD                      | <a href="http://nvd.nist.gov">nvd.nist.gov</a>           | canon |

## Vendor Comments And Credit

### Discovery Credit

**CNA:** Gionathan "John" Reale (en)

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

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