# CVE-2011-4539

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2011-4539 |
| **State** | PUBLISHED |
| **Assigner** | mitre |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2011-12-08 11:55:02 UTC |
| **Updated** | 2026-04-29 01:13:23 UTC |
| **Description** | dhcpd in ISC DHCP 4.x before 4.2.3-P1 and 4.1-ESV before 4.1-ESV-R4 does not properly handle regular expressions in d |

## Risk And Classification

**Primary CVSS:** v2.0 5 from nvd@nist.gov

AV:N/AC:L/Au:N/C:N/I:N/A:P

**Problem Types:** CWE-20 | n/a

## CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

AV:N/AC:L/Au:N/C:N/I:N/A:P

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Operating System | Canonical | Ubuntu Linux | 11.04 | All | All | All |

| | | | | | | |
|---|---|---|---|---|---|---|
| Operating System | Canonical | Ubuntu Linux | 11.10 | All | All | All |
| Operating System | Debian | Debian Linux | 6.0 | All | All | All |
| Operating System | Debian | Debian Linux | 7.0 | All | All | All |
| Application | Isc | Dhcp | 4.0 | All | All | All |
| Application | Isc | Dhcp | 4.0.0 | All | All | All |
| Application | Isc | Dhcp | 4.0.1 | - | All | All |
| Application | Isc | Dhcp | 4.0.1 | b1 | All | All |
| Application | Isc | Dhcp | 4.0.1 | rc1 | All | All |
| Application | Isc | Dhcp | 4.0.2 | - | All | All |
| Application | Isc | Dhcp | 4.0.2 | b1 | All | All |
| Application | Isc | Dhcp | 4.0.2 | b2 | All | All |
| Application | Isc | Dhcp | 4.0.2 | b3 | All | All |
| Application | Isc | Dhcp | 4.0.2 | rc1 | All | All |
| Application | Isc | Dhcp | 4.0.3 | - | All | All |
| Application | Isc | Dhcp | 4.0.3 | b1 | All | All |
| Application | Isc | Dhcp | 4.0.3 | rc1 | All | All |
| Application | Isc | Dhcp | 4.1-esv | - | All | All |
| Application | Isc | Dhcp | 4.1-esv | r1 | All | All |
| Application | Isc | Dhcp | 4.1-esv | r2 | All | All |
| Application | Isc | Dhcp | 4.1-esv | r3 | All | All |
| Application | Isc | Dhcp | 4.1-esv | r3_b1 | All | All |
| Application | Isc | Dhcp | 4.1.1 | b3 | All | All |
| Application | Isc | Dhcp | 4.1.1 | rc1 | All | All |
| Application | Isc | Dhcp | 4.1.2 | All | All | All |
| Application | Isc | Dhcp | 4.2.0 | - | All | All |
| Application | Isc | Dhcp | 4.2.0 | a1 | All | All |
| Application | Isc | Dhcp | 4.2.0 | a2 | All | All |
| Application | Isc | Dhcp | 4.2.0 | b1 | All | All |
| Application | Isc | Dhcp | 4.2.0 | b2 | All | All |
| Application | Isc | Dhcp | 4.2.0 | p1 | All | All |
| Application | Isc | Dhcp | 4.2.0 | rc1 | All | All |
| Application | Isc | Dhcp | 4.2.1 | - | All | All |
| Application | Isc | Dhcp | 4.2.1 | b1 | All | All |
| Application | Isc | Dhcp | 4.2.1 | rc1 | All | All |
| Application | Isc | Dhcp | 4.2.2 | - | All | All |
| Application | Isc | Dhcp | 4.2.2 | b1 | All | All |

| | | | | | | |
|---|---|---|---|---|---|---|
| Application | Isc | Dhcp | 4.2.2 | rc1 | All | All |
| Application | Isc | Dhcp | 4.2.3 | - | All | All |

## Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|---|---|---|---|---|
| CNA | Na | N/a | affected n/a | Not specified |

## References

| Reference | Source | Link |
|---|---|---|
| [SECURITY] Fedora 16 Update: dhcp-4.2.3-4.P1.fc16 | af854a3a-2127-422b-91ae-364da2661108 | lists. |
| ISC DHCP Regular Expressions Bug Lets Remote Users Deny Service - SecurityTracker | af854a3a-2127-422b-91ae-364da2661108 | www |
| IBM X-Force Exchange | af854a3a-2127-422b-91ae-364da2661108 | exch |
| Security Advisory - DHCP Regular Expressions Segfault \| Internet Systems Consortium | af854a3a-2127-422b-91ae-364da2661108 | www |
| openSUSE-SU-2011:1318-1: moderate: dhcp | af854a3a-2127-422b-91ae-364da2661108 | lists. |
| Security Alerts - Secunia | af854a3a-2127-422b-91ae-364da2661108 | secu |
| Debian -- Security Information -- DSA-2519-2 isc-dhcp | af854a3a-2127-422b-91ae-364da2661108 | www |
| Security Alerts - Secunia | af854a3a-2127-422b-91ae-364da2661108 | secu |
| Gentoo Linux Documentation -- ISC DHCP: Denial of Service | af854a3a-2127-422b-91ae-364da2661108 | secu |
| USN-1309-1: DHCP vulnerability \| Ubuntu | af854a3a-2127-422b-91ae-364da2661108 | www |
| Support / Security / Advisories / / MDVSA-2011:182 \| Mandriva | af854a3a-2127-422b-91ae-364da2661108 | www |
| [SECURITY] Fedora 15 Update: dhcp-4.2.1-14.P1.fc15 | af854a3a-2127-422b-91ae-364da2661108 | lists. |
| ISC DHCP Regular Expressions Denial of Service Vulnerability | af854a3a-2127-422b-91ae-364da2661108 | www |
| CVE Program record | CVE.ORG | www |
| NVD vulnerability detail | NVD | nvd.r |

No vendor comments have been submitted for this CVE.

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

**CVE.report and Source URL Uptime Status** status.cve.report