



# CVE-2016-4422

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

## Summary

|                 |                                                                                                                       |
|-----------------|-----------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2016-4422                                                                                                         |
| State           | PUBLISHED                                                                                                             |
| Assigner        | debian                                                                                                                |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                          |
| Published       | 2016-05-06 17:59:08 UTC                                                                                               |
| Updated         | 2026-05-06 22:30:45 UTC                                                                                               |
| Description     | The pam_sm_authenticate function in pam_sshauth.c in libpam-sshauth might allow context-dependent attackers to bypass |

## 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

Problem Types: CWE-287 | n/a

| 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 |
| 2.0     | nvd@nist.gov | Primary | 10    |          | AV:N/AC:L/Au:N/C:C/I:C/A:C                   |

## 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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor              | Product      | Version | Update | Edition | Language |
|------------------|---------------------|--------------|---------|--------|---------|----------|
| Operating System | Debian              | Debian Linux | 8.0     | All    | All     | All      |
| Application      | Libpam-sshd Project | Libpam-sshd  | -       | All    | All     | All      |

Vendor Declared Affected Products

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

References

| Reference                                                | Source                               | Link                 | Tags        |
|----------------------------------------------------------|--------------------------------------|----------------------|-------------|
| Not Found                                                | af854a3a-2127-422b-91ae-364da2661108 | bazaar.launchpad.net | Broken      |
| Debian -- Security Information -- DSA-3567-1 libpam-sshd | af854a3a-2127-422b-91ae-364da2661108 | www.debian.org       | Third Party |
| CVE Program record                                       | CVE.ORG                              | www.cve.org          | canonical   |
| NVD vulnerability detail                                 | NVD                                  | nvd.nist.gov         | canonical   |

No vendor comments have been submitted for this CVE.

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

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