



CVE-2016-8867

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

Summary

CVE	CVE-2016-8867
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-10-28 15:59:14 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Docker Engine 1.12.2 enabled ambient capabilities with misconfigured capability policies. This allowed malicious images to

Risk And Classification

Primary CVSS: v3.0 7.5 HIGH from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

EPSS: 0.003950000 probability, percentile 0.603730000 (date 2026-05-08)

Problem Types: CWE-264 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N
2.0	nvd@nist.gov	Primary	5		AV:N/AC:L/Au:N/C:P/I:N/A:N

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

None

Availability

None

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Docker	Docker	1.12.2	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
Docker CVE-2016-8867 Security Bypass Vulnerability	af854a3a-2127-422b-
Docker Legal Terms - CVE Database	af854a3a-2127-422b-
Docker Container Ambient Capability Configuration Error Lets Applications Gain Elevated Privileges - SecurityTracker	af854a3a-2127-422b-
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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

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