

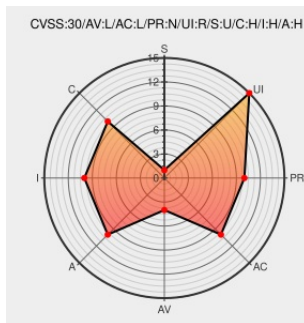


CVE-2017-14388

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CVE-2017-14388

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Grootfs](#) from [Pivotal Software](#) contain the following vulnerability:

Cloud Foundry Foundation GrootFS release 0.3.x versions prior to 0.30.0 do not validate DiffIDs, allowing specially crafted images to poison the grootfs volume cache. For example, this could allow an attacker to provide an image layer that GrootFS would consider to be the Ubuntu base layer.

CVE-2017-14388 has been assigned by [security_alert@emc.com](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
CVE-2017-14388: GrootFS doesn't validate DiffIDs Cloud Foundry	Issue Tracking Vendor Advisory www.cloudfoundry.org	CONFIRM www.cloudfoundry.org/cve-2017-14388/

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Pivotal Software	Grootfs	0.10.0	All	All	All
Application	Pivotal Software	Grootfs	0.11.0	All	All	All
Application	Pivotal Software	Grootfs	0.12.0	All	All	All
Application	Pivotal Software	Grootfs	0.13.0	All	All	All
Application	Pivotal Software	Grootfs	0.14.0	All	All	All
Application	Pivotal Software	Grootfs	0.15.0	All	All	All
Application	Pivotal Software	Grootfs	0.16.0	All	All	All
Application	Pivotal Software	Grootfs	0.17.0	All	All	All
Application	Pivotal Software	Grootfs	0.17.1	All	All	All
Application	Pivotal Software	Grootfs	0.18.0	All	All	All
Application	Pivotal Software	Grootfs	0.19.0	All	All	All
Application	Pivotal Software	Grootfs	0.20.0	All	All	All
Application	Pivotal Software	Grootfs	0.21.0	All	All	All
Application	Pivotal Software	Grootfs	0.24.0	All	All	All
Application	Pivotal Software	Grootfs	0.25.0	All	All	All
Application	Pivotal Software	Grootfs	0.26.0	All	All	All
Application	Pivotal Software	Grootfs	0.27.0	All	All	All
Application	Pivotal Software	Grootfs	0.28.0	All	All	All
Application	Pivotal Software	Grootfs	0.28.1	All	All	All
Application	Pivotal Software	Grootfs	0.29.0	All	All	All
Application	Pivotal Software	Grootfs	0.3.0	All	All	All
Application	Pivotal Software	Grootfs	0.4.0	All	All	All
Application	Pivotal Software	Grootfs	0.5.0	All	All	All
Application	Pivotal Software	Grootfs	0.6.0	All	All	All
Application	Pivotal Software	Grootfs	0.7.0	All	All	All
Application	Pivotal Software	Grootfs	0.8.0	All	All	All
Application	Pivotal Software	Grootfs	0.9.0	All	All	All

Application	Pivotal Software	Groofs	0.10.0	All	All	All
Application	Pivotal Software	Groofs	0.11.0	All	All	All
Application	Pivotal Software	Groofs	0.12.0	All	All	All
Application	Pivotal Software	Groofs	0.13.0	All	All	All
Application	Pivotal Software	Groofs	0.14.0	All	All	All
Application	Pivotal Software	Groofs	0.15.0	All	All	All
Application	Pivotal Software	Groofs	0.16.0	All	All	All
Application	Pivotal Software	Groofs	0.17.0	All	All	All
Application	Pivotal Software	Groofs	0.17.1	All	All	All
Application	Pivotal Software	Groofs	0.18.0	All	All	All
Application	Pivotal Software	Groofs	0.19.0	All	All	All
Application	Pivotal Software	Groofs	0.20.0	All	All	All
Application	Pivotal Software	Groofs	0.21.0	All	All	All
Application	Pivotal Software	Groofs	0.24.0	All	All	All
Application	Pivotal Software	Groofs	0.25.0	All	All	All
Application	Pivotal Software	Groofs	0.26.0	All	All	All
Application	Pivotal Software	Groofs	0.27.0	All	All	All
Application	Pivotal Software	Groofs	0.28.0	All	All	All
Application	Pivotal Software	Groofs	0.28.1	All	All	All
Application	Pivotal Software	Groofs	0.29.0	All	All	All
Application	Pivotal Software	Groofs	0.3.0	All	All	All
Application	Pivotal Software	Groofs	0.4.0	All	All	All
Application	Pivotal Software	Groofs	0.5.0	All	All	All
Application	Pivotal Software	Groofs	0.6.0	All	All	All
Application	Pivotal Software	Groofs	0.7.0	All	All	All
Application	Pivotal Software	Groofs	0.8.0	All	All	All
Application	Pivotal Software	Groofs	0.9.0	All	All	All
cpe:2.3:a:pivotal_software:grootfs:0.10.0:*****.*.*:						
cpe:2.3:a:pivotal_software:grootfs:0.11.0:*****.*.*:						
cpe:2.3:a:pivotal_software:grootfs:0.12.0:*****.*.*:						
cpe:2.3:a:pivotal_software:grootfs:0.13.0:*****.*.*:						
cpe:2.3:a:pivotal_software:grootfs:0.14.0:*****.*.*:						
cpe:2.3:a:pivotal_software:grootfs:0.15.0:*****.*.*:						
cpe:2.3:a:pivotal_software:grootfs:0.16.0:*****.*.*:						

cpe:2.3:a:pivotal_software:grootfs:0.17.0:*****:
cpe:2.3:a:pivotal_software:grootfs:0.17.1:*****:
cpe:2.3:a:pivotal_software:grootfs:0.18.0:*****:
cpe:2.3:a:pivotal_software:grootfs:0.19.0:*****:
cpe:2.3:a:pivotal_software:grootfs:0.20.0:*****:
cpe:2.3:a:pivotal_software:grootfs:0.21.0:*****:
cpe:2.3:a:pivotal_software:grootfs:0.24.0:*****:
cpe:2.3:a:pivotal_software:grootfs:0.25.0:*****:
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cpe:2.3:a:pivotal_software:grootfs:0.8.0:*****:
cpe:2.3:a:pivotal_software:grootfs:0.9.0:*****:
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cpe:2.3:a:pivotal_software:grootfs:0.14.0:*****:
cpe:2.3:a:pivotal_software:grootfs:0.15.0:*****:
cpe:2.3:a:pivotal_software:grootfs:0.16.0:*****:
cpe:2.3:a:pivotal_software:grootfs:0.17.0:*****:

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cpe:2.3:a:pivotal_software:grootfs:0.21.0:*****:
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cpe:2.3:a:pivotal_software:grootfs:0.26.0:*****:
cpe:2.3:a:pivotal_software:grootfs:0.27.0:*****:
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cpe:2.3:a:pivotal_software:grootfs:0.7.0:*****:
cpe:2.3:a:pivotal_software:grootfs:0.8.0:*****:
cpe:2.3:a:pivotal_software:grootfs:0.9.0:*****:

No vendor comments have been submitted for this CVE

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