

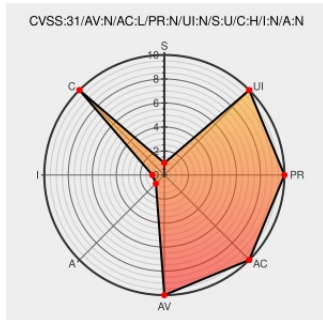


CVE-2015-3167

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CVE-2015-3167

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

Certain versions of [Ubuntu Linux](#) from [Canonical](#) contain the following vulnerability:

contrib/pgcrypto in PostgreSQL before 9.0.20, 9.1.x before 9.1.16, 9.2.x before 9.2.11, 9.3.x before 9.3.7, and 9.4.x before 9.4.2 uses different error responses when an incorrect key is used, which makes it easier for attackers to obtain the key via a brute force attack.

CVE-2015-3167 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: PostgreSQL Global Development Group - PostgreSQL version before 9.0.20

Affected Vendor/Software: PostgreSQL Global Development Group - PostgreSQL version 9.1.x before 9.1.16

Affected Vendor/Software: PostgreSQL Global Development Group - PostgreSQL version 9.2.x before 9.2.11

Affected Vendor/Software: PostgreSQL Global Development Group - PostgreSQL version 9.3.x before 9.3.7

Affected Vendor/Software: PostgreSQL Global Development Group - PostgreSQL version and 9.4.x before 9.4.2

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact

PARTIAL

NONE

NONE

CVE References

Description	Tags	Link
PostgreSQL: Documentation: 9.3: Release 9.3.7	Release Notes Vendor Advisory www.postgresql.org text/html	 MISC www.postgresql.org/docs/9.3/static/release-9-3-7.html
Debian -- Security Information -- DSA-3269-1 postgresql-9.1	Third Party Advisory www.debian.org Deprecated Link text/html	 MISC www.debian.org/security/2015/dsa-3269
Debian -- Security Information -- DSA-3270-1 postgresql-9.4	Third Party Advisory www.debian.org Deprecated Link text/html	 MISC www.debian.org/security/2015/dsa-3270
USN-2621-1: PostgreSQL vulnerabilities Ubuntu	Third Party Advisory ubuntu.com text/html	 MISC ubuntu.com/usn/usn-2621-1
PostgreSQL: Documentation: 9.4: Release 9.4.2	Release Notes Vendor Advisory www.postgresql.org text/html	 MISC www.postgresql.org/docs/9.4/static/release-9-4-2.html
PostgreSQL: Documentation: 9.2: Release 9.2.11	Release Notes Vendor Advisory www.postgresql.org text/html	 MISC www.postgresql.org/docs/9.2/static/release-9-2-11.html
PostgreSQL: Documentation: 9.0: Release 9.0.20	Release Notes Vendor Advisory www.postgresql.org text/html	 MISC www.postgresql.org/docs/9.0/static/release-9-0-20.html
PostgreSQL: PostgreSQL 9.4.2, 9.3.7, 9.2.11, 9.1.16, and 9.0.20 released!	Vendor Advisory www.postgresql.org text/html	 MISC www.postgresql.org/about/news/1587/
PostgreSQL: Documentation: 9.1: Release 9.1.16	Release Notes Vendor Advisory www.postgresql.org text/html	 MISC www.postgresql.org/docs/9.1/static/release-9-1-16.html

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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
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All

Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.10	All	All	All
Operating System	Canonical	Ubuntu Linux	15.04	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.10	All	All	All
Operating System	Canonical	Ubuntu Linux	15.04	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Postgresql	Postgresql	All	All	All	All
Application	Postgresql	Postgresql	All	All	All	All
cpe:2.3:o:canonical:ubuntu_linux:12.04:***:lts:***:						
cpe:2.3:o:canonical:ubuntu_linux:14.04:***:lts:***:						
cpe:2.3:o:canonical:ubuntu_linux:14.10:*****:***:						
cpe:2.3:o:canonical:ubuntu_linux:15.04:*****:***:						
cpe:2.3:o:canonical:ubuntu_linux:12.04:***:lts:***:						
cpe:2.3:o:canonical:ubuntu_linux:14.04:***:lts:***:						
cpe:2.3:o:canonical:ubuntu_linux:14.10:*****:***:						
cpe:2.3:o:canonical:ubuntu_linux:15.04:*****:***:						
cpe:2.3:o:debian:debian_linux:7.0:*****:***:						
cpe:2.3:o:debian:debian_linux:8.0:*****:***:						
cpe:2.3:o:debian:debian_linux:9.0:*****:***:						

cpe:2.3:o:debian:debian_linux:7.0:*****:
cpe:2.3:o:debian:debian_linux:8.0:*****:
cpe:2.3:o:debian:debian_linux:9.0:*****:
cpe:2.3:a:postgresql:postgresql:*****:
cpe:2.3:a:postgresql:postgresql:*****:

No vendor comments have been submitted for this CVE

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