

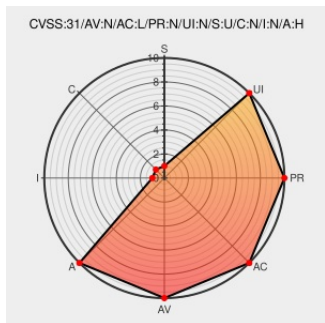


CVE-2016-4476

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CVE-2016-4476

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

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

hostapd 0.6.7 through 2.5 and wpa_supplicant 0.6.7 through 2.5 do not reject \n and \r characters in passphrase parameters, which allows remote attackers to cause a denial of service (daemon outage) via a crafted WPS operation.

CVE-2016-4476 has been assigned by [M](#) [cve@mitre.org](#) to track the vulnerability - currently rated as **HIGH** severity.

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	NONE	NONE	HIGH

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
USN-3455-1: wpa_supplicant and hostapd vulnerabilities Ubuntu	Third Party Advisory www.ubuntu.com text/html	UBUNTU USN-3455-1
oss-security - Re: hostapd/wpa_supplicant - psk	Mailing List	MLIST [oss-security] 20160503 Re:

configuration parameter update allowing arbitrary data to be written

Third Party Advisory
www.openwall.com
text/html

hostapd/wpa_supplicant - psk configuration parameter update allowing arbitrary data to be written

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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	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.04	All	All	All
Application	W1.fi	Hostapd	All	All	All	All
Application	W1.fi	Wpa Supplicant	All	All	All	All
cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:esm:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:lts:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:17.04:*:*:*:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:esm:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:lts:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:17.04:*:*:*:*:*:						
cpe:2.3:a:w1.fi:hostapd:*:*:*:*:*:						
cpe:2.3:a:w1.fi:wpa_supplicant:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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