

CVE Details

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979352)

Vulnerability Details : [CVE-2018-6954](#)

systemd-tmpfiles in systemd through 237 mishandles symlinks present in non-terminal path components, which allows local users to obtain ownership of arbitrary files via vectors involving creation of a directory and a file under that directory, and later replacing that directory with a symlink. This occurs even if the fs.protected_symlinks sysctl is turned on.

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– CVSS Scores & Vulnerability Types

CVSS Score	7.2
Confidentiality Impact	Complete (There is total information disclosure, resulting in all system files being revealed.)
Integrity Impact	Complete (There is a total compromise of system integrity. There is a complete loss of system protection, resulting in the entire system being compromised.)
Availability Impact	Complete (There is a total shutdown of the affected resource. The attacker can render the resource completely unavailable.)
Access Complexity	Low (Specialized access conditions or extenuating circumstances do not exist. Very little knowledge or skill is required to exploit.)
Authentication	Not required (Authentication is not required to exploit the vulnerability.)
Gained Access	None
Vulnerability Type(s)	
CWE ID	264

– Products Affected By CVE-2018-6954

#	Product Type	Vendor	Product	Version	Update	Edition	Language	
1	Application	Freedesktop	Systemd	237				Version Details Vulnerabilities

– Number Of Affected Versions By Product

Vendor	Product	Vulnerable Versions
Freedesktop	Systemd	1

– References For CVE-2018-6954

<https://usn.ubuntu.com/3816-2/>
UBUNTU USN-3816-2

<https://github.com/systemd/systemd/issues/7986>

<https://usn.ubuntu.com/3816-1/>
UBUNTU USN-3816-1

– Metasploit Modules Related To CVE-2018-6954

There are not any metasploit modules related to this CVE entry (Please visit www.metasploit.com for more information)

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WIZ, Inc. EXHIBIT - 1100
WIZ, Inc. v. Orca Security LTD.