



CVE-2019-19470

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

Certain versions of [Tinywall](#) from [Tinywall](#) contain the following vulnerability:

Unsafe usage of .NET deserialization in Named Pipe message processing allows privilege escalation to NT AUTHORITY\SYSTEM for a local attacker. Affected product is TinyWall, all versions up to and including 2.1.12. Fixed in version 2.1.13.

CVE-2019-19470 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
CVE-2019-19470 · GitHub	gist.github.com text/html	MISC gist.github.com/pylorak/7df52c9325614676e07782dbe4e81582
TinyWall Firewall Page 62 Wilders Security Forums	Third Party Advisory www.wilderssecurity.com	MISC www.wilderssecurity.com/threads/beta-testing-tinywall.309739/page-62#post-2882843

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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	Tinywall	Tinywall	All	All	All	All
Application	Tinywall	Tinywall	All	All	All	All
cpe:2.3:a:tinywall:tinywall:*****:						
cpe:2.3:a:tinywall:tinywall:*****:						

No vendor comments have been submitted for this CVE

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