



CVE-2017-8289

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

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

Stack-based buffer overflow in the `ipv6_addr_from_str` function in `sys/net/network_layer/ipv6/addr/ipv6_addr_from_str.c` in RIOT prior to 2017-04-25 allows local attackers, and potentially remote attackers, to cause a denial of service or possibly have unspecified other impact via a malformed IPv6 address.

CVE-2017-8289 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
Stack Buffer Overflow - Potential Denial of Service · Issue #6840 · RIOT-OS/RIOT · GitHub	Issue Tracking Patch Third Party Advisory	CONFIRM github.com/RIOT-OS/RIOT/issues/6840

github.com
text/html

Issue Tracking
Patch
github.com
text/html

CONFIRM github.com/RIOT-OS/RIOT/pull/6962

Issue Tracking
Patch
Third Party Advisory
github.com
text/html

CONFIRM github.com/RIOT-OS/RIOT/pull/6961

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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	Riot Project	Riot	All	All	All	All
cpe:2.3:a:riot_project:riot:*:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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