



CVE-2019-19196

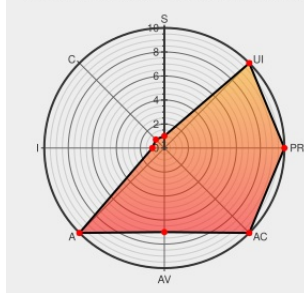
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CVE-2019-19196

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

CVSS:31/AV:A/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H



Certain versions of [Tlsr8232](#) from [Telink-semi](#) contain the following vulnerability:

The Bluetooth Low Energy Secure Manager Protocol (SMP) implementation on Telink Semiconductor BLE SDK versions before November 2019 for TLSR8x5x through 3.4.0, TLSR823x through 1.3.0, and TLSR826x through 3.3 devices accepts a pairing request with a key size greater than 16 bytes, allowing an attacker in radio range to cause a buffer overflow and denial of service (crash) via crafted packets.

CVE-2019-19196 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

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

CVSS2 Score: **3.3 - LOW**

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

CVE References

Description	Tags	Link
Page not found Telink	Vendor Advisory www.telink-semi.com	MISC www.telink-semi.com/ble

[text/html](#)[Inactive Link](#)[Not Archived](#)

ASSET Research Group: SweynTooth

[Exploit](#)[Third Party Advisory](#)[asset-group.github.io](#)[text/html](#) [asset-group.github.io/disclosures/sweyntooth/](https://github.com/asset-group/disclosures/sweyntooth/)

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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
Hardware  	Telink-semi	Tlsr8232	-	All	All	All
Hardware  	Telink-semi	Tlsr8232	-	All	All	All
Application	Telink-semi	Tlsr8232 Ble Sdk	All	All	All	All
Hardware  	Telink-semi	Tlsr8251	-	All	All	All
Hardware  	Telink-semi	Tlsr8251	-	All	All	All
Application	Telink-semi	Tlsr8251 Ble Sdk	All	All	All	All
Hardware  	Telink-semi	Tlsr8253	-	All	All	All
Hardware  	Telink-semi	Tlsr8253	-	All	All	All
Application	Telink-semi	Tlsr8253 Ble Sdk	All	All	All	All
Hardware  	Telink-semi	Tlsr8258	-	All	All	All
Hardware  	Telink-semi	Tlsr8258	-	All	All	All
Application	Telink-semi	Tlsr8258 Ble Sdk	All	All	All	All
Hardware  	Telink-semi	Tlsr8269	-	All	All	All
Hardware  	Telink-semi	Tlsr8269	-	All	All	All
Application	Telink-semi	Tlsr8269 Ble Sdk	All	All	All	All

[cpe:2.3:h:telink-semi:tlsr8232:-:*:*:*:*:*:](#)[cpe:2.3:h:telink-semi:tlsr8232:-:*:*:*:*:*:](#)[cpe:2.3:a:telink-semi:tlsr8232_ble_sdk:*:*:*:*:*:](#)[cpe:2.3:h:telink-semi:tlsr8251:-:*:*:*:*:*:](#)[cpe:2.3:h:telink-semi:tlsr8251:-:*:*:*:*:*:](#)[cpe:2.3:a:telink-semi:tlsr8251_ble_sdk:*:*:*:*:*:](#)

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No vendor comments have been submitted for this CVE

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