



# CVE-2020-12638

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## Summary

<b>CVE</b>	CVE-2020-12638
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-07-23 16:15:00 UTC
<b>Updated</b>	2021-07-21 11:39:00 UTC
<b>Description</b>	An encryption-bypass issue was discovered on Espressif ESP-IDF devices through 4.2, ESP8266_NONOS_SDK devices t

## Risk And Classification

**Problem Types:** CWE-287 | CWE-319

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Espressif	Esp-idf	All	All	All	All
Application	Espressif	Esp8266 Nonos Sdk	All	All	All	All
Application	Espressif	Esp8266 Rtos Sdk	All	All	All	All

## References

Reference	Source	Link
espressif/ESP8266_RTOS_SDK · GitHub	MISC	<a href="#">github.com</a>
LBSFilm   WPA2 Authenticationmode downgrade in Espressif microprocessors (CVE-2020-12638)	MISC	<a href="#">lbsfilm.at</a>
GitHub - espressif/esp-idf: Espressif IoT Development Framework. Official development framework for ESP32.	MISC	<a href="#">github.com</a>
GitHub - espressif/ESP8266_NONOS_SDK: ESP8266 nonOS SDK	MISC	<a href="#">github.com</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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