aws

FreeRTOS

FreeRTOS: Security Updates

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FreeRTOS Security Updates

The table below lists FreeRTOS security updates and the corresponding [Common Vulnerabilities and Exposures](#) (CVE) number.

Date Created	Severity	FreeRTOS Library	CVE	Minimum Patched Version
2018-09-05	High	Secure Sockets	[CVE-2018-16522](#)	[Amazon FreeRTOS v1.3.2](#)
2018-09-05	High	FreeRTOS+ TCP	[CVE-2018-16523](#)	[Amazon FreeRTOS v1.3.2](#)
2018-09-05	Medium	FreeRTOS+ TCP	[CVE-2018-16524](#)	[Amazon FreeRTOS v1.3.2](#)
2018-09-05	High	FreeRTOS+ TCP	[CVE-2018-16525](#)	[Amazon FreeRTOS v1.3.2](#)
2018-09-05	High	FreeRTOS+ TCP	[CVE-2018-16526](#)	[Amazon FreeRTOS v1.3.2](#)
2018-09-05	Medium	FreeRTOS+ TCP	[CVE-2018-16527](#)	[Amazon FreeRTOS v1.3.2](#)
2018-09-05	High	Secure Sockets	[CVE-2018-16528](#)	[Amazon FreeRTOS v1.3.2](#)
2018-09-06	Medium	FreeRTOS+ TCP	[CVE-2018-16598](#)	[Amazon FreeRTOS v1.3.2](#)
2018-09-06	Medium	FreeRTOS+ TCP	[CVE-2018-16599](#)	[Amazon FreeRTOS v1.3.2](#)
2018-09-06	Medium	FreeRTOS+ TCP	[CVE-2018-16600](#)	[Amazon FreeRTOS v1.3.2](#)

Date Created	Severity	FreeRTOS Library	CVE	Minimum Patched Version
2018-09-06	High	FreeRTOS+ TCP	CVE-2018-16601	Amazon FreeRTOS v1.3.2
2018-09-06	Medium	FreeRTOS+ TCP	CVE-2018-16602	Amazon FreeRTOS v1.3.2
2018-09-06	Medium	FreeRTOS+ TCP	CVE-2018-16603	Amazon FreeRTOS v1.3.2
2019-06-30	High	MQTT	CVE-2019-13120	Amazon FreeRTOS v1.4.9
2021-04-22	Critical	FreeRTOS Kernel	CVE-2021-31571	FreeRTOS Kernel v10.4.3†
2021-04-22	Critical	FreeRTOS Kernel	CVE-2021-31572	FreeRTOS Kernel v10.4.3†
2021-05-03	Critical	FreeRTOS Kernel	CVE-2021-32020	FreeRTOS Kernel v10.4.3†
2021-11-17	High	FreeRTOS Kernel	CVE-2021-43997	FreeRTOS Kernel v10.4.6‡, FreeRTOS Kernel v10.4.3-LTS-Patch-2

†All versions of FreeRTOS Kernel up to (excluding) v10.4.3

‡FreeRTOS Kernel versions from (including) 10.2.0 up to 10.4.6 (excluding)