

# SimpleLink CC32XX SDK Integer Overflow Issues



## Summary

Following are the integer overflow issues in the SimpleLink™ CC32XX SDK example libraries that can potentially lead to issues similar to heap overflows and remote code execution. These potential vulnerabilities cannot typically be used to compromise the device without another vulnerability allowing control of the function call parameters.

- Integer overflow in *HTTPClient\_setHeaderByName*
- Integer overflow in *StrMpl\_getAllocStr*

## Vulnerability

### TI PSIRT ID

TI-PSIRT-2022-090141

### CVE ID

Not applicable

**CVSS base score: 7.4**

### CVSS vector:

[CVSS:3.1/AV:L/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H](#)

## Affected Products

Parts	SDK	SDK Version
CC3220R, CC3220S, CC3220SF, CC3230S, CC3230SF, CC3235S, CC3235SF	SIMPLELINK-CC32XX-SDK	v6.10.00.05 and earlier

## Potentially Impacted Features

- HTTP client library
- String manipulation library

## Suggested Mitigations

Fixes for these issues have been released in SIMPLELINK-CC32XX-SDK v7.10.00.13. It is recommended that customers of affected products apply these mitigations by updating the affected components with the latest versions.

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