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# Submit #773682: Tenda A18pro V02.03.02.28 Stack-based Buffer Overflow

**Title** Tenda A18pro V02.03.02.28 Stack-based Buffer Overflow

**Description** During a security review of the Tenda A18pro router firmware (version V02.03.02.28), a critical stack-based buffer overflow vulnerability was identified in the QoS (Quality of Service) configuration endpoint /goform/formSetQosBand.

The vulnerability is located in the set\_qosMib\_list function, which is called by the request handler formSetQosBand. The function receives a user-controlled list parameter; it searches for a delimiter and then uses the unsafe strcpy function to copy the contents of the list into a fixed-size stack buffer qos\_str (256 bytes). Since the input length is not validated, an attacker can overwrite the stack frame, leading to a Denial of Service (DoS) or arbitrary code execution.

**Source** <https://github.com/filukun337/cve/issues/4>

**User** filukun (UID 96182)

**Submission** 03/06/2026 07:14 AM (1 month ago)

**Moderation** 03/20/2026 09:33 AM (14 days later)

**Status** Verified

**VulDB entry** [VUL-2026-0306](#) [Tenda A18 Pro 02.03.02.28 /goform/formSetQosBand set\_qosMib\_list stack-based overflow]

**Points** 20

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