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# Security Advisory on Multiple Vulnerabilities on Archer AX53 (CVE-2026-30814, CVE-2026-30815, CVE-2026-30816, CVE-2026-30817, CVE-2026-30818)

Security Advisory

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Multiple vulnerabilities were identified in TP-Link Archer AX53 v1.0 across the tmpserver, dnsmasq, and OpenVPN modules.

## Description of Vulnerabilities and Impacts:

### 1. OS Command Injection Vulnerabilities

#### CVE-2026-30815: OpenVPN Module

An OS command injection vulnerability in the OpenVPN module allows an authenticated adjacent attacker to execute system commands when a specially crafted configuration file is processed due to insufficient input validation.

Successful exploitation may allow modification of configuration files, disclosure of sensitive information, or further compromise of device integrity.

#### CVE-2026-30818: dnsmasq Module

An OS command injection vulnerability in the dnsmasq module allows an authenticated adjacent attacker to execute arbitrary code when a specially crafted configuration file is processed due to insufficient input validation.

Successful exploitation may allow the attacker to modify device configuration, access sensitive information, or further compromise system integrity.

### CVSS v4.0 Score: 8.5 / High

CVSS:4.0/AV:A/AC:L/AT:N/PR:H/UI:N/VC:H/VI:H/VA:H/SC:L/SI:L/SA:L

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Successful exploitation may cause a crash and could allow arbitrary code execution, enabling modification of device state, exposure of sensitive data, or further compromise of device integrity.

### CVSS v4.0 Score: 7.3 / High

CVSS:4.0/AV:A/AC:L/AT:P/PR:H/UI:N/VC:H/VI:H/VA:H/SC:L/SI:L/SA:L

### 3. Arbitrary File Reading Vulnerabilities

#### CVE-2026-30816: OpenVPN Module

An external configuration control vulnerability in the OpenVPN module allows an authenticated adjacent attacker to read arbitrary files when a malicious configuration file is processed. Successful exploitation may allow unauthorized access to arbitrary files on the device, potentially exposing sensitive information.

#### CVE-2026-30817: dnsmasq Module

An external configuration control vulnerability in the OpenVPN module allows an authenticated adjacent attacker to read arbitrary files when a malicious configuration file is processed. Successful exploitation may allow unauthorized access to arbitrary files on the device, potentially exposing sensitive information.

#### Severity for CVE-2026-30816 and CVE-2026-30817

### CVSS v4.0 Score: 6.8 / Medium

CVSS:4.0/AV:A/AC:L/AT:N/PR:H/UI:N/VC:H/VI:N/VA:N/SC:N/SI:N/SA:N

#### Affected Products/Versions and Fixes:

Product Model	Affected Version
Archer AX53 v1.0	< 1.7.1 Build 20260213

#### Recommendations:

We strongly recommend that users with affected devices take the following actions:

1. Download and update to the latest firmware version to fix the vulnerabilities:

EN: [Download for Archer AX53 | TP-Link](#)

MY: [Download for Archer AX53 | TP-Link Malaysia](#)

**Note:** AX53 v1 is not sold in the US.

#### Disclaimer:

If you do not take all recommended actions, these vulnerabilities may remain. TP-Link cannot bear any

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