TEW-827DRU

Firmware version

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TEW-827DRU firmware: 2.06B04
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Description

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TRENDnet TEW-827DRU with firmware up to and including 2.06B04 contains a command
injection in apply.cgi via the action kick_ban_wifi_mac_deny with the key
'qcawifi.wifi0_vap0.maclist', allowing an authenticated user to run arbitrary
commands on the device.
```

Detial

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The bug in function: 0x4293F8, binary: www/cgi/ssi
The parameter 'qcawifi.wifi0_vap0.maclist' pass to system
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```
004294F4                addiu   $v0, (aQcawifiWifiDVa_4 - 0x4C0000)  # "qcawifi.wifi%d_vap%d.maclist"
004294F8                addiu   $v1, $fp, 0xF0+var_CC
004294FC                move    $a0, $v1         # s
00429500                move    $a1, $v0         # format
00429504                lw      $a2, 0xF0+var_D8($fp)
00429508                lw      $a3, 0xF0+var_D4($fp)
0042950C                la      $v0, sprintf
00429510                nop
00429514                move    $t9, $v0
00429518                jalr    $t9 ; sprintf
0042951C                nop
00429520                lw      $gp, 0xF0+var_E0($fp)
00429524                addiu   $v0, $fp, 0xF0+var_CC
00429528                move    $a0, $v0         # name
0042952C                la      $v0, getenv
00429530                nop
00429534                move    $t9, $v0
00429538                jalr    $t9 ; getenv
0042966C                addiu   $a1, $v0, (aIwprivSAddmacS - 0x4C0000)  # "iwpriv %s addmac %s"
00429670                addiu   $a0, $fp, 0xF0+var_4C  # s
00429674                addiu   $v1, $fp, 0xF0+var_6C
00429678                addiu   $v0, $fp, 0xF0+var_8C
0042967C                move    $a2, $v1
00429680                move    $a3, $v0
00429684                la      $v0, sprintf
00429688                nop
0042968C                move    $t9, $v0
00429690                jalr    $t9 ; sprintf
00429694                nop
00429698                lw      $gp, 0xF0+var_E0($fp)
0042969C                addiu   $v0, $fp, 0xF0+var_4C
004296A0                move    $a0, $v0         # command
004296A4                la      $v0, system
004296A8                nop
004296AC                move    $t9, $v0
004296B0                jalr    $t9 ; system
```