TOTOLINK Vulnerability

品牌: TOTOLINK

产品型号: CP900

固件版本: TOTOLINK_C8B810C-

1A_CP900_CP0016_QCA9531_SPI_16M128M_V6.3c.566_B20171026_ALL.web

下载链接: http://www.totolink.cn/data/upload/20210720/5bee10397c082b0419cbad3eb7d1bd97.z
ig

漏洞细节

Totolink outdoor CPE CP900 V6.3c.566_B20171026版本。通过PINGPBCRADIO参数在 setWiFiWpsConfig函数中包含命令注入漏洞。该漏洞允许攻击者通过精心编制的请求执行任意命令。

```
int __fastcall setWiFiWpsConfig(int a1, int a2, int a3)
        int Var; // $v0
       const char *v7; // $s1
const char *v8; // $s0
char v10[128]; // [sp+1Ch] [-84h] BYREF
       Var = websGetVar(a2, "PINPBCRadio", "");
v7 = (const char *)atoi(Var);
websGetVar(a2, "PINMode", "");
v8 = (const char *)websGetVar(a2, "PIN", "");
        sub_D5C(1);
sub_C80(1);
if ( v7 == (_BYTE *)&_Jv_RegisterClasses + 1 )
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           printf("(%s:%d)=> gpio wps PIN\n", "setWiFiWpsConfig", 288);
sprintf(v10, "/usr/sbin/hostapd_cli -i ath0 -p /var/run/hostapd-wifi0 wps_pin any %s", v8);
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          if ( CS_DBG == 1 )
    printf("(%s:%d)=> gpio wps PBC\n", "setWiFiWpsConfig", 294);
    strcpy(v10, "/usr/sbin/hostapd_cli -i ath0 -p /var/run/hostapd-wifi0 wps_pbc");
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           sub_E3C();
setTimer(100000, sub_F50);
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          goto LABÈL_5;
              rintf("(%s:%d)=> [Debug]Ignore unknown WSC method: %s\n", "setWiFiWpsConfig", 300, v7);
                   :CfgResponse(a1, a3, "0", "reserv");
        return 0;
```

POC