

Hardware Link: <https://www.tp-link.com/us/support/download/tl-wr841nd/v11/#Firmware>

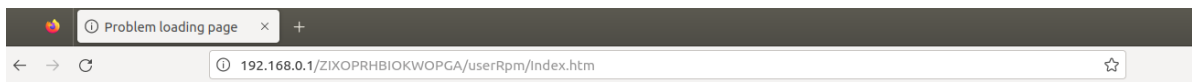
The interface that triggers the vulnerability

POC

send

[illegible]

You can see that the router has crashed.



Unable to connect

Firefox can't establish a connection to the server at 192.168.0.1.

- The site could be temporarily unavailable or too busy. Try again in a few moments.
- If you are unable to load any pages, check your computer's network connection.
- If your computer or network is protected by a firewall or proxy, make sure that Firefox is permitted to access the web.

Try Again

Code in httpd

By using IDA to analyze httpd, the program first calls httpGetEnv to retrieve the gw parameter.

```
120 v8 = httpGetEnv(a1, "gw");
121 if ( v8 )
122     strcpy((char *)&v45[22] + 2, v8, v7, v6);
123 v9 = httpGetEnv(a1, "mtu");
124 if ( v9 )
125     v45[34] = atoi(v9);
```

The parameters are then passed to the strcpy function without proper security checks, leading to a buffer overflow.