tenda overflow vulnerability

```
vendor:Tenda
product:G1,G3
version:V15.11.0.17(9502)_CN(G1),
V15.11.0.17(9502)_CN(G3)
type:Buffer Overflow
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```

Vulnerability description

We found a buffer overflow vulnerability in Tenda Technology Tenda's **G1 and G3** routers with firmware which was released recently, allows remote attackers to execute arbitrary code from a crafted GET request.

Buffer Overflow vulnerability

In formQOSRuleDel function, the parameter "qosIndex" is directly **strcpy** to a local variable placed on the stack, which overrides the return address of the function,

causing buffer overflow.

```
iIndex = atoi((const char *)output[i].element) + 1;
```

PoC

Buffer Overflow

We set the value of **gosIndex** as aaaaaaaaaaaaaaaaaaaaa..... and the router will cause buffer overflow.