

Hack Netgear WG602 access point to run dd-wrt

The basic system of Netgear WG602 is dumb, so get DD-WRT on top of it.

We have two Access Points, both Netgear WG602EE v4. According a review about the device, it has a limitation of 20 simultaneous sessions, so I started to look some kind of limit breaking. (Yes, we did have problems like this.)

Fortunately, these devices are on the list of the ones able to run dd-wrt. But how to hack?

The steps:

- download the version for netgear from the dd-wrt page^[^1]
- install tftp (I use ubuntu, so apt-get install tftp)
- add an IP address from 192.168.0.1/24 to your existing addresses, and one from 192.168.1.1/24 The first is because the access point's default is 192.168.0.227, the second is because dd-wrt default is 192.168.1.1. This is **always** the default.
- Login with the tftp session and enter the following: (the best is to enter these at the location, where you downloaded the dd-wrt binary)

```
tftp 192.168.0.227
verbose
trace
put dd-wrt.v24_micro_generic.bin image.idts334
```

bash

Do not press enter at the end of the last line, just put is there!

The tftp only send/recieve data when put or get is entered, so you can log in without the other IP even exists.

- On the device, press the reset button and hold for at least 10 seconds, than pull the power cord. Insert the power cord back **while** still holding the reset button and hold it for 5 seconds more.

- 1 second after press enter at the tftp session. **Attention! At this point, there's no return, because no original firmware is available from Netgear.**
- You could see a lot of send/receive messages.
- If the transmission was correct, you should be able to login to dd-wrt at the address 192.168.1.1

Links

1. <http://www.dd-wrt.com/site/support/router-database>

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