

[English](#) • [Deutsch](#) • [Español](#) • [Français](#) • [Italiano](#) • [???](#) • [Polski](#) • [Português](#) • [???????](#) • [Svenska](#) • [???\(????\)?](#) • [???\(??\)?](#) •

## Contents

- [1 ???????? DD-WRT ? DIR-300](#)
- [2 ?????????????? ?? ?????? ????????](#)
- [3 ???????????????? ?????????? ??????????](#)

## ????????? DD-WRT ? DIR-300

?????, ?? ????????????? TFTP, ????? ????????????? ????? DD-WRT ????? crash mode (?????? ?????????? ?????? ??????). ??? ?????????? ?????????, ????? ?????????? ? ?????????? ????? TFTP.

???? ??? ????-?? ????? ?? ???... ?? ???????, ????? ?????? ?????????? ????????? ?????? ??????. ?????? ?????????????????? ????????? ? ?????????????? ?????? ??? ? --20.81 ??? ? --.1.1 ?? ????? 9000 ? ??? ?????????? ? ????? ??????, ?? ?????????? ??????????.

????????????????? ??????????:

??????? ????? C:\DIR300 (????????), ?????? ???

- ????? **ap61.ram, ap61.rom** ? **linux.bin** : ?????????? ?? ? ?????? dd-wrt.com, ??? ?????????? ? ?????? ? ?????????? ?? DIR-300.

- **tftp-???????**: ?? ?????? ?????????? ?????? ??; ?????????? zip-???? ? ?????????? ?????????? ? ?????? ?? ?????? ??????.

- telnet-??????, ? ?????????? ?????????? ?????????????????? ?????????? PuTTY : ?????????? ?? ? ?????? www.putty.org ?????????????????? ??????? PuTTY : ?????????? ?????? ?????????? ??? ? ?????????? ??? PuTTY.

????????? ?????? «Change Setings...»

? ?????? «PuTTY Reconfiguration» ?????????????? ??? ?????????? «Close window on exit» ?????????? «Never».

????????? ?????? «Apply» («????????????»)

1. C????? ?? ?????? IP 192.168.20.80/mask 255.255.255.0
2. ?????????? ?????? ? WAN ????? (!) (INTERNET ?? ?? ? ??????????)

2.1 ?????????? ?????? "RESET"

2.2 ?????????? ?????????? ??????????

2.3 ?????? **30** ?????? ?????????? "RESET"

3. ?????????????? ? ?????????? ?????????? ?? 192.168.20.81 ?? ????? 9000

4. ?????????? ? ?????????? ??? ? ? ?????? ? ?????? ??? ?????????????? ? ??????? 1 ?????????? ?????????? ?????? 5 ?????? ?????? ?????? ?????????? ??????????

5. ?????? ?????? ?????????? ?????????????????? ?????????? ? ?????? ???? CTRL+C



## D-Link\_DIR-300\_rev\_A/ru

????? ?????? ?????? ???????????, ?????????? ?????????? ?????:

### 14. ? ???????:

```
DD-WRT> fconfig -i
Initialize non-volatile configuration - continue (y/n)? y
Run script at boot: false
Use BOOTP for network configuration: true
Default server IP address:
Console baud rate: 9600
GDB connection port: 9000
Force console for special debug messages: false
Network debug at boot time: false
Update RedBoot non-volatile configuration - continue (y/n)? y

? Erase from 0xbffe0000-0xbfff0000: .
? Program from 0x80ff0000-0x81000000 at 0xbffe0000: .

DD-WRT> fis init
About to initialize [format] FLASH image system - continue (y/n)? y
*** Initialize FLASH Image System
? Erase from 0xbffe0000-0xbfff0000: .
? Program from 0x807f0000-0x80800000 at 0xbffe0000: .

DD-WRT> ip_address -h 192.168.1.2
Default server: 192.168.1.23

DD-WRT> load -r -b ${FREEMEMLO} ap61.rom
Using default protocol (TFTP)
Raw file loaded 0x80080000-0x800a8717, assumed entry at 0x80080000

DD-WRT> fis create -l 0x30000 -e 0xbfc00000 RedBoot
An image named ?RedBoot? exists - continue (y/n)? y
? Erase from 0xbfc00000-0xbfc30000: ?
? Program from 0x80080000-0x800a8718 at 0xbfc00000: ?
? Erase from 0xbffe0000-0xbfff0000: .
? Program from 0x807f0000-0x80800000 at 0xbffe0000: .

DD-WRT> reset
```

????? ?????? ?? ?????????????? ?????????????? ? ?????? ??????????. ?????? ?????????????? ?????????? ? ??????
192.168.1.1 ? ?????? 9000 ?????? ?????, ?? ?????????????? ?????????????????? ? ?????? ?????? ?????? ?????? (?? ??)
????? ?????????? 30 ??????).

????????? ?????? ??????????

15. ?? ???? ?????????? ? ?? ?????????????? ?????????? ?????????????????? ? ?? ?????????????????? ?????????? ?????? ?? ??????
????????????? ?????????????? ?????? ??????!

????????? fis create ?????????????? ?????????????? ??????, ?????????????? ?????????? ? ?? ?????????????? ?????????.

```
DD-WRT> ip_address -h 192.168.1.2
IP: 192.168.1.1/255.255.255.0, Gateway: 0.0.0.0
Default server: 192.168.1.2

DD-WRT> fis init
About to initialize [format] FLASH image system - continue (y/n)? y
*** Initialize FLASH Image System
```

????????? DD-WRT ? DIR-300

## D-Link\_DIR-300\_rev\_A/ru

```
? Erase from 0xbfc30000-0xbffe0000: ???????????????????..  
? Erase from 0xbffe0000-0xbfff0000: .  
? Program from 0x80ff0000-0x81000000 at 0xbffe0000: .
```

```
DD-WRT> load -r -b 0x80041000 linux.bin  
Using default protocol (TFTP)  
Raw file loaded 0x80041000-0x803cffff, assumed entry at 0x80041000
```

```
DD-WRT> fis create linux  
? Erase from 0xbfc30000-0xbffbf000: ???????????????????..  
? Program from 0x80041000-0x803d0000 at 0xbfc30000: ???????????????????..  
? Erase from 0xbffe0000-0xbfff0000: .  
? Program from 0x80ff0000-0x81000000 at 0xbffe0000: .
```

```
DD-WRT> fconfig boot_script true  
boot_script: Setting to true  
Update RedBoot non-volatile configuration - continue (y/n)? y  
? Erase from 0xbffe0000-0xbfff0000: .  
? Program from 0x80ff0000-0x81000000 at 0xbffe0000: .
```

```
DD-WRT> fconfig boot_script_timeout 3  
boot_script_timeout: Setting to 3  
Update RedBoot non-volatile configuration - continue (y/n)? y  
? Erase from 0xbffe0000-0xbfff0000: .  
? Program from 0x80ff0000-0x81000000 at 0xbffe0000: .
```

```
DD-WRT> fconfig bootp false  
bootp: Setting to false  
Update RedBoot non-volatile configuration - continue (y/n)? y  
? Erase from 0xbffe0000-0xbfff0000: .  
? Program from 0x80ff0000-0x81000000 at 0xbffe0000: .
```

```
DD-WRT> fconfig  
Run script at boot: true  
Boot script:  
.. fis load -l vmlinux.bin.17  
.. exec  
Enter script, terminate with empty line
```

```
>> fis load -l linux  
>> exec  
>>
```

```
Boot script timeout (1000ms resolution): 3  
Use BOOTP for network configuration: false  
Default server IP address:  
Console baud rate: 9600  
GDB connection port: 9000  
Force console for special debug messages: false  
Network debug at boot time: false  
Update RedBoot non-volatile configuration - continue (y/n)? y  
? Erase from 0xbffe0000-0xbfff0000: .  
? Program from 0x80ff0000-0x81000000 at 0xbffe0000: .
```

```
DD-WRT> ip_address -h 192.168.1.1
```

```
DD-WRT> reset
```

```
?????? ??????????????. ? ??????? ?????????????? ?? ????? ?????? ?????????????? ? ?? ????????? ?? ????? ??????  
? ??????? ????? ??? n-????? (? ??? ???? ?????? ?? <5 ???).
```

????? ?????????? ?????????? WLAN ? ??? ?????????!

????? ?????????????? ?????????? ?? 192.168.1.1

?? ?????????????? ? ?????? ?? ?????????? - «root» ? «admin» ?????????????????? (?? ?????????).

?????????: ??? ?? ?????????????? ?? ?????? ?????????? IP-????? ?? ?????? ? ?? ??????????????. ??? ?????????? ?????? ? DD-WRT. ?????? ?????? ?? ??????????, ?????????? ?????????? ??????;

1. ?????????? ?????????? ??????, ?????????????? ?????? ? DIR-300.
2. ?????????????????? ?????? ? ?????????????????? ? ?????????? ?????????? ?? ?????????.
3. ?????????????? ?????????? ??????.

?????????: ??? ?? ?????? ?????????? ?????????? «Run script on boot» ? false ?? true, ?????????? ?????????? ?????????? ?????? ?????? ?????????? fcofig:

```
fconfig boot_script true
```

## ????????????????? ?? ?????????? ????????????

????????????? ??? DD-WRT v24PreSP2 ?? ?????? ?????????? ?????????? ?????? ?????????? ?? 14 ?????? 09 ??? ?????????? ?? ?????????????????? ??????

ap61.ram - ?????????? ap61.rom - ?????? ?????????????? ??? ?????? ? ?????????????? linux.bin - ?????????????????????? ?????? (?????? ?? ??? ? ????? ??????????) tftpsrv.zip - TFTP ???????

?????? ?? ?????? ?? ?????? ?? ?????????????? ? ?????????????? ?????????? ?????? ?????????????? ?????????????? ?????????????? ?? ?????? ?? ??????????

DD-WRT v24 RC5

????????????? ?? ??????????

DD-WRT v24 SP1

?? ?????????? ?????????? ?????????? ?? ?????? ?????????????? ?????????????.

?????? DD-WRT v24PreSP2 - ?? ??? ? ????? ?????????? ?????????? ??????????????, ?? ? ?? ?????????? ?????????? ?????????????? ?????????? ?????? ?????????????????? ?????????? ?????????????????? ?????????? ?????????????? ?????????????? ?????????????? ? ??????????

## ????????????????????? ?????????????? ????????????

????????? ?????????????????? ??????? ?????????????? ?? ?????????????????? <http://wi-fi.na.by/>

?????????????????????: ??? ?????? ?????? ?? ?????????? ?????????????????? ?????????? ?????? ?.. ?????? "?" ?????? ?????????????? "?????????" ?? ?????????????????????, ?? ?????? "?". (????????????? ??????? ? ??????)

??????:

## D-Link\_DIR-300\_rev\_A/ru

1. ??? ?????????? ?????????? ?????????? DIR-300 ?????? ?? ?????? ?????? ?????  
<http://www.shadowandy.net/wp/wp-content/uploads/dir300redboot.zip> ??? ? ?????? ?? ??????

[ftp://ftp.dlink.cz/dir/dir-300/driver software/dir-300 sw revA redboot all en 20080307.zip](ftp://ftp.dlink.cz/dir/dir-300/driver%20software/dir-300%20sw%20revA%20redboot%20all%20en%2020080307.zip)

[ftp://ftp.dlink.pl/dir/dir-300/driver software/dir-300 sw revA redboot all en 20080307.zip](ftp://ftp.dlink.pl/dir/dir-300/driver%20software/dir-300%20sw%20revA%20redboot%20all%20en%2020080307.zip)

2. ????? ??? ?????????? ??? ?????????? ?????????? shadowandy\_board\_config.bin, ?????? ??????????  
?????? ? ?????? ?????????????? ??????????????? ? ?????? ??????

<http://www.shadowandy.net/2009/02/generating-dir-300s-board-config.htm> (??? ?????????? ????? ???  
?????????? ?????? MAC ID ? PIN ???, ?????? ?????????????? ?? ?????????? ? ?????? ??????? ??????????)  
????? ??? ? ? ?????? ?????? ?????? ? ??????????????, ?????? ??????????? ?????????? ??? ? ??????

3. ?????????? TFTP ?????? ?? ?????????????? ?????????? ? ??????????? ??????

????????? ?????????? (RedBoot): ??????????? - ? ?????????????? ??????????, ? ?????????? ?????? ?? ???????????,  
?????????? ?? ??? ?????????????? ??????????? ?????? IP ?????? ?????? ??, ?????????? ?????????????????? ???????  
"????????????????? ??????????????" ? ?????????? TCP/IP ?????????? ?????? ??????? ?????? ? ?????? ??????????  
?????????? ?????? ? ?????: 192.168.20.2/24 (255.255.255.0) 192.168.1.2/24 192.168.0.2/24 ??? ?????????? ??  
????????????????? ? ??, ??????????? ?? ? ?????? ?????? ?????????? ? ?? ?????? ?? ???.

1. ??????????????? ?????????????? ?????????? ? 192.168.1.1, port 9000, ?? ?????? ??????? ?????????? putty.exe  
<telnet://192.168.1.1:9000> ? ? ??? ? ?????? ?????????????? ?????????? ?????????? ??????

### connect1.bat

```
rem echo off

:start

ping 192.168.1.1 -n 1 -w 1 > NULL

IF ERRORLEVEL 1 goto start

break

putty.exe telnet://192.168.1.1:9000 -m redboot.txt
```

????? ??? ?????????????? ??? ??? ?????????? ????

### connect20.bat

```
rem echo off

:start

ping 192.168.20.81 -n 1 -w 1 > NULL

IF ERRORLEVEL 1 goto start

break

putty.exe telnet://192.168.20.81:9000 -m redboot.txt
```

?????????????????? ?????????????? ????????????

D-Link\_DIR-300\_rev\_A/ru

???? redboot.txt, ??? ? ? ?????? ??????? DD-WRT ??????? ? ? ??????? - ^C

?????? ? ? ?????? ?????????? ? ??????????????? ?????????????? ?????????? - ?????????? ? ? LAN ?????? - ??????  
???????? ? ? ?????????? - ?????????? connect1.bat

????? ?????????? ?????? ?????????? ?????????????

DD-WRT> **ip\_address -h 192.168.1.2**

Default server: **192.168.1.2**

DD-WRT> **fis init**

About to initialize [format] FLASH image system ? continue (y/n)? **y**

\*\*\* Initialize FLASH Image System

? Erase from 0xbffe0000-0xbfff0000: .

? Program from 0x80ff0000-0x81000000 at 0xbffe0000: .

DD-WRT> **load -r -b %{FREEMEMLO} dir300redboot.rom**

Using default protocol (TFTP)

Raw file loaded 0x80040800-0x800607ff, assumed entry at 0x80040800

DD-WRT> **fis create -l 0x30000 -e 0xbfc00000 RedBoot**

An image named ?RedBoot? exists ? continue (y/n)? **y**

? Erase from 0xbfc00000-0xbfc30000: ?

? Program from 0x80040800-0x80060800 at 0xbfc00000: ..

? Erase from 0xbffe0000-0xbfff0000: .

? Program from 0x80ff0000-0x81000000 at 0xbffe0000: .

DD-WRT> **reset**

????? ?????????? ??????? ?????????????? ?????? 30 ??? ? ? ?????????????? ????????????

????????????? ?????? ? ???? WAN, ?????? ??????? ? ?????????? connect20.bat ??? ? ?????????? ? ?????????????? ?  
?????????????

RedBoot> **load -r -b %{FREEMEMLO} shadowandy\_board\_config.bin**

Using default protocol (TFTP)

Raw file loaded 0x80036400-0x800463ff, assumed entry at 0x80036400

RedBoot> **fwrite -f 0xbfff0000 -b 0x80036400 -l 0x10000 -e 0x80036400**

About to write image into flash ? continue (y/n)? **y**

? Erase from 0xbfff0000-0xc0000000: .

????????????????????? ?????????????? ????????????

D-Link\_DIR-300\_rev\_A/ru

? Program from 0x80036400-0x80046400 at 0xbfff0000: .

update image info..

Update RedBoot non-volatile configuration ? continue (y/n)? **y**

RedBoot> **reset**

????? ? ??? ?????? ? ?????????? ????? ??????? D-link, ??? ??????? ??? ?? ? ??????, ?????????  
????????? ?????????? ? ????????? ?????.

????? ?????? ??? ?????????? ? ??? WAN. ?????? ?????? ?? ??????????, ?????????? ??? ???? ?????????? ?  
????????????? WEB ?????????? ? ?????? <http://192.168.20.81> ?? ??????? ??????????:  
Image:Http://www.shadowandy.net/wp/wp-content/uploads/dir300originalfirmware01small.gif ?????????? ????  
????? ?????????? ?????????????? ?????????? ?????????? ? ?????? ??.

????? ?????????? ?????????? ??????????, ?????????? ??????? ?????????????? ??????.

- ?????? ?? 30 ?? ?????? ?????? ????????????

- ?????????? connect20.bat

- ?????????? ?????????????? ? ?????????? ??????????

RedBoot> **fconfig img\_entry\_addr 0x80040000**

img\_entry\_addr: Setting to 0x80040000

Update RedBoot non-volatile configuration ? continue (y/n)? **y**

? Erase from 0xbfff0000-0xbfffffff: .

? Program from 0x80036400-0x80046400 at 0xbfff0000: .

RedBoot> **fconfig img\_flash\_addr 0xbfc20000**

img\_flash\_addr: Setting to 0xbfc20000

Update RedBoot non-volatile configuration ? continue (y/n)? **y**

? Erase from 0xbfff0000-0xbfffffff: .

? Program from 0x80036400-0x80046400 at 0xbfff0000: .

RedBoot> **fconfig img\_length 0x003c0000**

img\_length: Setting to 0x003c0000

Update RedBoot non-volatile configuration ? continue (y/n)? **y**

? Erase from 0xbfff0000-0xbfffffff: .

? Program from 0x80036400-0x80046400 at 0xbfff0000: .

????????????????? ?????????? ??????????



