

# How do I revert back to an OpenWrt router configuration? [closed]

Asked 13 years, 4 months ago Modified 7 years, 5 months ago Viewed 148k times

▲

21

▼

🔖

🔄

**Closed.** This question does not meet [Stack Overflow guidelines](#). It is not currently accepting answers.

---

💡 This question does not appear to be about [a specific programming problem, a software algorithm, or software tools primarily used by programmers](#). If you believe the question would be on-topic on [another Stack Exchange site](#), you can leave a comment to explain where the question may be able to be answered.

Closed 9 years ago.

[Improve this question](#)

I recently ported Luci to an OpenWrt router. I was just exploring the thing. I disabled the DHCP server on LAN and enabled as DHCP client. I saved and applied the configuration to the router. Now after a restart I am not able to connect the router webpage.

How do I enable the DHCP server again or can anyone let me know how to reset this OpenWrt router to default settings?

I tried in the serial port console. but I can't see any IP address for any interfaces. Before It was 192.168.1.1.

Please suggest...

configuration reset openwrt

By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

[Necessary cookies only](#)

13:44

asked Sep 4, 2012 at 8:03

**Surjya Narayana Padhi**  
7,861 ● 25 ● 87 ● 132

Sorted by: [Highest score \(default\)](#) ⌵

Customize settings

If your restart button is not working, you the restart button is just one of them.)



1. Set your PC's IP address: 192.168.1.2 and subnetmask 255.255.255.0 and gateway 192.168.1.1
2. Power off the router
3. Disconnect the WAN cable
4. Only connect your PC Ethernet cable to ETH0
5. Power on the router
6. Wait for the router to start the boot sequence (SYS LED starts blinking)
7. When the SYS LED is blinking, hit the restart button (the SYS LED will be blinking at a faster rate means your router is in failsafe mode). (You have to hit the button before the router boots.)
8. `telnet 192.168.1.1`
9. Run these commands:

```
mount_root ## this remounts your partitions from read-only to read/write mode
firstboot ## This will reset your router after reboot
reboot -f ## And force reboot
```

10. Log in the web interface using web browser.

link to see the official failsafe mode.

Share Improve this answer Follow

edited Aug 26, 2018 at 11:54

answered Dec 5, 2014 at 22:01



Pat Madsen

110 ● 134



Nafis Ahmad

2,789 ● 2 ● 26 ● 13

h comments.



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

mode or dhcp mode. I wonder what I was doing



Nafis Ahmad Over a year ago

after reboot, the device is no longer in failSafe Mode. May be that's why you can not login. (may be) You have to change your PC Static ip address to dhcp. Then reboot your PC or disconnect / reconnect Ethernet Connection. Usually, by then it should work.

▲ 0 Reply ...



user414441 Over a year ago

With Chaos Calmer, i was able to tftp it back to new image, in the failsafe: atftp -p -l openwrt-15.05-ar71xx-generic-wnr612v2-squashfs-factory.img 192.168.1.1

▲ 1 Reply ...



Nafis Ahmad Over a year ago

@kasper-souren Thank you for the edit. Now the answer looks right and nice.

▲ 1 Reply ...

|



Some addition to previous comments: 'firstboot' won't be available until you run 'mount\_root' command.

10

So here is a full recap of what needs to be done. All manipulations I did on Windows 8.1.



- Enter Failsafe mode (hold the reset button on boot for a few seconds)
- Assign a static IP address, 192.168.1.2, to your PC. Example of a command: `netsh interface ip set address name="Ethernet" static 192.168.1.2 255.255.255.0 192.168.1.1`
- Connect to address 192.168.1.1 from telnet (I use PuTTY) and login/password isn't required).



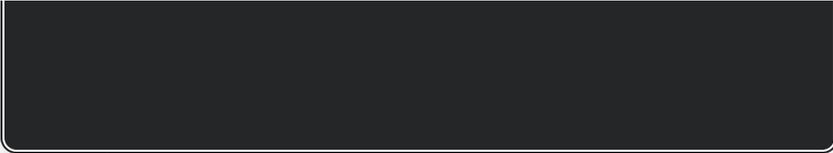

By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

...able).

... Also don't forget to return your PC from  
... interface ip set address

... t 11:58  
... sen  
... 110 ● 134

... answered Feb 21, 2015 at 13:27  
... yuliskov  
... 1,517 ● 17 ● 17



moonkey Over a year ago

After 'firstboot' and 'reboot -f', I cannot login after reboot, both in the static ip mode or dhcp mode. I wonder what I was doing wrong.

0 Reply ...



You can run this command for making a factory reset:

7

```
killall dropbear uhttpd; sleep 1; mtd -r erase rootfs_data
```



Share Improve this answer Follow

edited Aug 26, 2018 at 11:50

answered Oct 30, 2012 at 11:06



Peter Mortensen 31.3k 22 110 134



Embedded Software Engineer 4,944 8 44 62



### 1 Comment

Add a comment



KCD Over a year ago

I hit a bug where firstboot hangs and I didn't need to kill anything but `mtd -r erase rootfs_data` worked. Thanks

0 Reply ...



If you installed the SquashFS image you can run the script `firstboot`. That will return OpenWrt to the defaults of when you flashed the router.



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

cycle the device.

t 11:51  
sen  
110 134

answered Dec 12, 2012 at 0:32



Saverio Proto 1,146 9 20

ed a serial access. please read my answer.



ould get an IP address from a DHCP server. If you connect your router on a net with a DHCP server you should reach your router's administrator page on the IP address assigned by the DHCP.

3



Share Improve this answer Follow

edited Aug 26, 2018 at 11:50

answered Sep 14, 2012 at 8:34



Peter Mortensen

31.3k ● 22 ● 110 ● 134



Pat

2,690 ● 20 ● 28



## 2 Comments

Add a comment



Nafis Ahmad Over a year ago

if you have a restart button on the router, you might not need to Setup a DHCP server. I tried it did not work. please read my answer.

▲ 0 Reply ...



rbennell Over a year ago

5 years on from your answer, this is what i did. i mean, i worked it out for myself, but you can still have the up vote anyway because i'm happy it works :D

▲ 1 Reply ...

### Start asking to get answers

Find the answer to your question by asking.

Ask question



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.