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# ARCH LINUX

## CONFIGURING THE NETWORK MANAGER

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By

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MISSING: ...

## 1 The problem

When I was using wifi-menu to connect, I somehow screwed up the wireless settings and received the error  
Job for wlp9s0\x2dsktab.service failed because the control process exited with error code.  
See "systemctl status "netctl@wlp9s0\x2dsktab.service" and "journalctl -xe" for details.

The problem seems to come from the dhcpcd service conflicting with netctl. I tried to disable my wireless interface (e.g. wlp\*s\*), disable both, remove all wireless leases and profiles, restart the wireless interface and enable only dhcpcd but that didn't work. The answers assumes systemd is the service manager.

## 2 The fix

[xero's answer](#) solved the issue for me. He used the networkmanager as the internet daemon and nm-applet as its front end. Copying his answer.

Verify hosts file. Check the configuration of your /etc/hosts file, a valid configuration should look something like this:

```
#<ip-address>    <hostname.domain.org>    <hostname>
127.0.0.1        localhost.localdomain    yourHostname
::1              localhost.localdomain    yourHostname
```

Install the network tools

```
sudo pacman -S wpa_supplicant wireless_tools networkmanager network-manager-applet
gnome-keyring
```

Make the networkmanager start on boot:

```
sudo systemctl enable NetworkManager.service
disable dhcpcd
```

Since networkmanager wants to be the one who handles the dhcpcd related stuff, you have to disable and stop dhcpcd:

```
sudo systemctl disable dhcpcd.service
sudo systemctl disable dhcpcd@.service
sudo systemctl stop dhcpcd.service
sudo systemctl stop dhcpcd@.service
```

Enable wpa\_supplicant, if you want to use your wireless connection:

```
sudo systemctl enable wpa_supplicant.service
```

Add your user to the network group:

```
gpasswd -a USERNAME network
```

Turn off your network interface controllers, (use your own device names from ip link such as enp0s25 and wlp3s0). Start wpa\_supplicant:

```
sudo systemctl start wpa_supplicant.service
```

Start networkmanager:

```
sudo systemctl start NetworkManager.service
```

Reboot systemd services:

```
systemctl reboot
```

After that I had to manually press my hardware wifi key once to enable it, after that everything worked. Hope that helps!