ARCH LINUX
CONFIGURING THE NETWORK MANAGER

BY

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1 The problem

When I was using `wifi-menu` to connect to wireless, 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!