

Set Up Unifi

Set up Unifi on Linux

If you are using a RockPi as a controller, click [HERE](#)

Otherwise click [HERE](#)

SSH into RockPi and perform some updates.

1. To SSH into the server we will be using Putty. Download and install Putty.
2. Open up putty and type in the IPv4 address of your server and click open.
3. Log into your RockPi with the username `rock` and password `rock`
4. Start with making sure we have the latest updates installed.

Console

```
sudo apt update
```

```
sudo apt upgrade
```

```
sudo apt-get install ca-certificates wget -y
```

5. Give it a few minutes for the updates to install and afterwards run the following command to reboot.

Console

```
reboot
```

Lets Install UniFi SDN Control Panel on Ubuntu 20.04

1. Once the server is rebooted and your reconnected into the server using SSH we will now get started with running the following command.

Console

```
rm unifi-latest.sh &> /dev/null; wget https://get.glennr.nl/unifi/install/install_latest/unifi-l
```

2. You will be prompted to keep the script which here I type in: Y
3. You will be prompted to apply some updates to the system, type in: Y
4. Now just wait while the installation proceeds to install some required software.
5. Next prompt will be to install script to be able to update Unifi Network Controller via APT, type in: Y
6. You should now be complete with the installation.
7. Lets make sure that the Unifi Controller service auto starts with the following command.

Console

```
sudo systemctl enable unifi
```

Installing Fail2ban

Fail2ban will protect your cloud hosted Unifi Controller from brute force attacks. This script will ban people after 4 failed attempts for 10 minutes.

Console

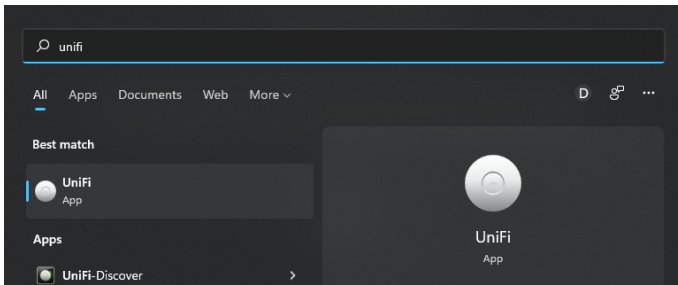
```
rm unifi-fail2ban.sh &> /dev/null; wget https://get.glennr.nl/unifi/extra/unifi-fail2ban.sh && b
```

Set up Unifi on Windows

- 1) Install the Unifi controller for the specific model of Unifi equipment from this link:

<https://www.ui.com/download/unifi/>

- 2) Run the downloaded installer and continue through the setup process
- 3) Run the installed Unifi controller



4) The Unifi controller will start up, once started click **Launch Browser to Manage the Network**



5) You will be taken to a web page where you can configure the Unifi network equipment and the controller

Adding the controller to the UniFi Account

1-Go to the IP of the device on port 8443 EX - 192.168.1.12: 8443

Make sure you type https:// before the IP or you will get a Error Message

It will tell you that "Your connection is not Private" Click on **ADVANCED** and then on **Proceed to 192.168.1.170 (unsafe)**

Step 1 of 6

Name Your Controller

Use a simple name to help differentiate your controller when managing multiple networks.

Controller Name

UniFi Network

☐

By selecting this you are agreeing to [end user license agreement](#) and the [terms of service](#).

[Or restore setup from backup](#)

2-Here we will **name our controller**.

Idea Of Naming is **RockPi-x** where **x** is a unique number.

3-Next, login using our UniFi account

Step 2 of 6

Sign in with your Ubiquiti Account

Use your Ubiquiti Account to access your Controller via the [unifi.ui.com](#) service or locally with the same credentials.

Username



Username cannot be empty.

Password

[Switch to Advanced Setup](#)

4-Next, Enable "**Automatically Optimize my network**" and click **NEXT**

Step 3 of 6

UniFi Network Setup

Basic configuration for your network.

Automatically optimize my network



UniFi Network automatically detects and sets the most commonly missed, but vital, settings for improved WiFi and network performance.

Enable Auto Backup



UniFi Network will periodically do backups of your setup.

5-Click **NEXT** Again

6-Under **WIFI Setup** click **Skip**

7-Make sure everything is Correct including Time Zone and click **Finish**

Step 6 of 6

Review Configuration

Check your configuration and setup your Controller.

Controller Name	RockPi-9
Remote Access	Enabled
Use Ubiquiti account for local access	Yes
Ubiquiti Account	av@gmail.us
Country or territory	United States
Timezone	(UTC-05:00) America/New York

And That's it, you should see it under the UniFi app and use it as a Controller adding devices etc.

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